



# Annual Report 2011

## Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg C1/85/Law dated 17th April 1985, Formerly, Gandhiji University, upto January 27, 1988)

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TERRITORIAL JURISDICTION OF  
**MAHATMA GANDHI UNIVERSITY**

Mahatma Gandhi University caters to the development of higher education of Central Kerala. Higher learning in the Revenue Districts of Kottayam, Ernakulam, and Idukki, Kozhencherry, Mallappally, Thiruvalla and Ranni Taluks of the Pathanamthitta District and Kuttanad Taluk of the Alappuzha District comes under the aegis of this University

Chancellor

H.E. SRI. NIKHIL KUMAR

Pro-Chancellor

Sri. P. K. ABDU RABB

Hon'ble Minister for Education

Vice- Chancellor

Prof(Dr) RAJAN GURUKKAL P M

Pro- Vice- Chancellor

Dr. RAJAN VARUGHESE

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is prepared in compliance with Section 51 of the Mahatma Gandhi University Act, 1985  
The annual report gives an overall view of the University for the year 2011

# സർവ്വകലാശാലാ ഗീതം

ഒ.എൻ.വി. കുറുപ്പ്

അക്ഷരനഗരിക്കരികിൽ  
അറിവിൻ  
അക്ഷയപാത്രവുമേന്തി  
അമൃതം പകരും കലകൾക്കെല്ലാം  
അധിദേവതയായ് വാഴ്ക

വാഴ്ക ! വാഴ്ക ! വാഴ്ക !  
വാക്പൊരുളുകൾ തൻ ദേവത നീ!

നിറുകയിലാരുടെ പാവനനാമം  
തിരുമുടിയായ് നീയണിയുന്നു  
അമ്മഹാത്മാവേന്തിയ ദീപം  
അൻപോടിവരെ നയിക്കണമേ !

ദീപമേ! നയിച്ചാലും  
ദീപമേ! സദയം  
സഹജരിലൻപിൻ ഉറവും കനിവും  
സമഭാവനയും തണൽ വീശും  
വിജ്ഞാനത്തിൽ വിശാലസുന്ദര  
വീഥിയിലൂടെ നയിച്ചാലും!

തമസോ മാ ജ്യോതിർഗമയ!  
അമൃതം ഗമയ! സദ്ഗമയ!



## **Our Motto**

*“Vidyaya amruthamasnuthe”*



## VISION

*“Mahatma Gandhi University envisions to excel in the field of higher education and cater to the scholastic and developmental needs of the individual, through continuous creation of critical knowledge base for the society’s sustained and inclusive growth”.*



## **VISION**

**“Mahatma Gandhi University envisions to  
champion the cause of higher education in  
the country  
by catering to the  
scholastic, expertise and developmental needs  
of the individual, the society and the industry  
through the creation of a  
critical knowledge base,  
with welldefined means for its  
social dissemination and extension for the society’s  
sustained and inclusive growth.**

Mahatma Gandhi University, one of the four affiliating universities in Kerala, is the premier educational institution that strives to fulfil the higher educational needs of the people of Central Kerala. Set on the sprawling 110-acre campus called Priyadarshini Hills at Athirampuzha, 13 kms off Kottayam, the University also has seven satellite campuses at Pullarikunnu, Soorya Kalady Hills, Nattasserry, Puthupally, GandhiNagar, and Cheruvandoor in parts of Kottayam Districts, Thodupuzha and Nedumkandam in Idukki District, and Chuttipara in pathinamthitta District. The University was established on 2 October 1983 and has jurisdiction over the revenue districts of Kottayam, Ernakulam, Idukki and parts of Pathanamthitta and Alappuzha. The University offers a range of programmes at the undergraduate, postgraduate, M Phil and doctoral levels through its 18 University Departments, 5 Inter University Centres, 7 Inter School Centres, 36 Constituent Colleges, 63 Aided Affiliated Colleges (of which 8 are Colleges with Potential for Excellence), 74 Unaided Affiliated Colleges, 7 aided, 37 unaided training colleges, 3 aided, 36 unaided engineering colleges and 264 Recognized Research Institutes. It imparts education in the interdisciplinary as well as conventional disciplines of science, social science and the humanities besides in the professional disciplines of Physical Education, Hotel Management, Medicine, Nursing, Pharmacy, Dentistry, Engineering, Technology, Pedagogy and Legal Studies. The University has also made its educational presence felt outside the territorial jurisdiction through 71 Off-campus Centres under the School of Distance Education. From its inception, Mahatma Gandhi University has taken immense strides in the fields of inter-disciplinary teaching and research in the areas of pure and applied sciences, social sciences and the humanities. The teaching programmes conducted under the Credit and Semester System (CSS) in the statutory departments of teaching and research, organized as interdisciplinary Schools, are marked by their innovative curricula and their learner-oriented approaches. CSS is a student-friendly system that fosters interactive acquisition of knowledge in a multi-disciplinary context. The students are made familiar with the latest developments in their subjects of study. The University has always promoted the healthy practice of designing and revising its curricula and syllabi through discussions and deliberations carried out in a democratic way among the members of the academic community. The faculty of the University comprise outstanding scholars, many of whom have made original contributions in their respective fields of specialization. The faculty and research scholars of several departments have gained widespread recognition for the

commendable quality of their research publications. The research journals published by some of the Schools have garnered international recognition. The University's adoption of interdisciplinarity as the basic conceptual plank for the organization of individual departments is prompted by the understanding that interdisciplinary knowledge is path-breaking, far reaching and non-linear in its effect, compared to what conventional forms of knowledge are capable of doing within the confines of discrete disciplines. Appreciating the trend of several non-conventional areas of knowledge emerging across physical, natural and social sciences, the University has chosen to organize its academic departments as interdisciplinary schools where multiple disciplines co-exist and interact with one another. The organizational practice of creating institutions of interdisciplinary knowledge itself has been a great learning experience for the academics in Mahatma Gandhi University. The University has initiated the constitution of Centres of Convergence around integrated knowledge areas. Knowledge generated beyond disciplines and across interfaces is strikingly fresh, regenerative and convergent. At present Mahatma Gandhi University offers research programmes in over forty disciplines through its own Schools as well as through its approved research centres. The University has close collaboration for academic, research and extension programmes with a number of national agencies and institutions including the UGC, FIST, DRS, ISRO, COSIT, CSIR, DAAD, STEC, ICMR, BARC, MOEF, ICCR, ICHR, IED, IIFT, Institute of Chinese Studies and the Sahitya Akademi. The University is also involved in active collaboration with research institutions of international reputation such as the Max Planck Institute of Technology, Germany, Brown University, USA, University of Nantes, France, California Institute of Technology, USA, University of Toronto, Canada, Catholic University, Belgium, Heidelberg University, Germany, and the Institute of Political Studies, Rennes, France. Some of the members of the faculty have proved to be frontrunners in the development of indigenous technologies and are holders of as many as twenty patents, including four from the US. A considerable percentage of the alumni of the University are comfortably placed in the country and abroad as academics, scientists and professionals. The University has been able to maintain a healthy environment of academic interaction. All components of the teaching-learning system contribute toward making the process of learning student-friendly. The state of the art smart class rooms, web-enabled University Library with its large collection of books, journals and e-journals, the online Theses Digital Library that provides open access to its enviable collection of digitized Ph D dissertations, the publishing unit which has brought out hundreds of titles in Malayalam, English and Hindi, the facilities available at the School of Physical Education and Sports Sciences for developing physical culture, the ecologically sensitive extension programmes initiated by

the University Departments and the National Service Scheme, the Students' Web Centre that provides round-the-clock web-support to the campus community, the coaching and placement services

provided by the Department of Student Services and the University Employment Information and Guidance Bureau, proactive communication system developed by the Information and Public Relations Department and the general administrative support that the academic community receive from the University administration – all these work in tandem with the academic business transacted by the University, making the learning experience a holistic one.

### College Development Council

Prof. P.P.Raveendran  
DCDC

The College Development Council of Mahatma Gandhi University has been functioning as a policy making body with regard to proper planning and integrated development of affiliated colleges since its inception on 15.02.1990.

The College Development Council has been keeping close contact with the colleges with a view to helping them get included under Section 2(f) and 12B of University Grants Commission Act, 1956, thereby rendering them eligible to receive developmental assistance. At present there are 70 affiliated colleges under this University eligible to receive developmental assistance from the University Grants Commission (UGC). The College Development Council is counselling those colleges, which are not yet included in the 2(f) and 12 B list of the UGC Act, to be included in the list and get financial assistance.

The College Development Council is constantly monitoring the utilization of building grants sanctioned to the colleges by the UGC.

The construction of buildings such as Women's Hostels, Laboratories, Class rooms etc. are in progress in various colleges affiliated to the University.

With a view to providing opportunities to the college teachers for keeping themselves abreast with advanced developments in their fields of study and research, the UGC provides Teacher Fellowships of one year duration for M Phil and 2 years duration for completing Ph D during the XI Plan. The office of the Director, College Development Council invites applications from eligible teachers for considering their candidature for the award of Teacher Fellowships under the Faculty Development Programme of the UGC during the XI Plan. Of the applications received,

226 eligible applications were forwarded to UGC-SWRO, Bangalore for the award of Teacher Fellowships. Of the applicants about 200 have already been awarded Teacher Fellowships. During the year 2011-12,

17 teachers were awarded Teacher Fellowships. Extension of Teacher Fellowships have also been sanctioned to 56 teachers during this period. Appointment of around 54 FIP substitute lecturers (with NET qualification) has been approved by the University in this connection.

About Five hundred teachers from affiliated colleges submitted their proposals for the award of Minor Research Project. The proposals, after verification, were recommended and forwarded to the South West Regional Office of the UGC for consideration. All the colleges coming under section 2(f)&12B of the UGC Act 1956 submitted proposals for the conduct of National/State level Seminars. Proposals for major Research Project received from around ten teachers have also been forwarded to the UGC.

In response to the letter inviting proposals for additional financial assistance, all the 70 colleges submitted their proposals. The proposals, after verification, have been forwarded to the UGC for consideration.

At present 35 colleges are conducting Career Oriented Programme utilizing the financial assistance from the UGC. The office of the DCDC convenes General meetings and Core committee meetings of Course coordinators at regular intervals. The meetings discussed matters such as syllabus and scheme of the courses offered under various faculty and suggested certain modifications in tune with the UGC guidelines in this regard. The certificates in respect of the candidates who take courses under this programme are being approved by the Director, College Development Council.

The Director, College Development Council visited 13 colleges to inspect the progress of the construction of Women's Hostels and other buildings carried out in those colleges with Financial Assistance from the UGC. Inspection Reports in this regard were forwarded to the office of the

UGC for enabling them to release the next installments of the Assistance in time.

Office of the DCDC was entrusted with the conduct of entrance examinations for admission to the following courses in aided / unaided colleges affiliated to this University:

- a) Bachelor of Fashion Technology (BPT)
- b) Master of Social Work (MSW)
- c) M Sc Biostatistics
- d) M Sc Environmental Science & Management
- e) M Sc Biotechnology / Microbiology / Applied Microbiology / Bioinformatics / Plant Biotechnology / Biochemistry/ Molecular Biology & Genetic Engineering/ Toxicology/ Genomics & Proteomics/Bio Material & Tissue Engineering/ Phyto Medical Science & Technology.
- f) M Sc Food Science & Technology / M Sc Food Science & Quality Control
- g) M Ed

The Office manages such activities as inviting applications, verifying eligibility of candidates, conducting counselling & admitting students in the colleges adhering to the admission rules and the reservation criteria. The admission process is followed by the university mainly to uphold the principles of social justice in the matter of admitting students against the merit seats of new generation courses offered in aided/unaided colleges affiliated to this University.

Broadband connection has been established in the office of the Director, College Development Council and thanks to this communications to the colleges and teachers are now being handled by the way of email.

## GENERAL REPORTS

### SC/ST Cell

(I) Coaching Programme

Various schemes such as (i) Coaching for NET (ii) Coaching for Entry into Service [Civil Service, Banking & other competitive exams] and (iii) Remedial Coaching for SC/ST/OEC and Minority Community Candidates are being conducted in the University with the financial support of UGC and active co-operation of University Employment Information & Guidance Bureau..

(II) Rajiv Gandhi National Fellowship

During the year 2010-'11, 8 students (7 SC & 1 ST) belonging to various teaching departments of the University were newly awarded Rajiv Gandhi National Fellowship by the UGC. A total amount of Rs. 67,02,528/- (Rupees Sixty Seven Lakh Two Thousand Five Hundred and Twenty Eight Only) has been disbursed to 28 research fellows during the current financial year upto 29 February 2012.

(III) Redressal of Grievances

SC/ST Cell endeavors to facilitate redressal of grievances of SC/ST/OEC students of the University by liaising with the institutions of their study, the offices of SC/ST Development Departments, Government of Kerala and University Grants Commission. Grievances are initially considered by SC/ST Monitoring Cells functioning in colleges and unresolved ones are taken up by the SC/ST Monitoring Committee functioning at the University level. The Committee consists of 3 Professors, 5 Principals of affiliated colleges, 2 Readers (Associate Professors), 2 Lecturers (Asst. Professors) and a representative of the State Govt. The Vice Chancellor is its Chairman and the Deputy Registrar concerned its ex-officio Member Secretary.

(IV) Equal Opportunity Cell

Under the directive of the UGC, an Equal Opportunity Cell has been constituted in the University aimed at effective implementation of policies and programmes for the disadvantaged groups with emphasis for their learning and creation of space to enable them mainstream themselves.



## **CREDIT-SEMESTER SYSTEM AND MODERNISATION DRIVE – THE MAHATMA GANDHI UNIVERSITY MODEL**

### **ROLE OF UGC IN THE INTRODUCTION OF CURRICULUM REFORMS INCLUDING CSS :-**

University Grants Commission set up a Committee on Academic and Administrative Reforms with Professor A. Gnanam as Convenor and comprising several eminent educationists from a diverse range of disciplines. The Committee submitted a comprehensive report and based on this document an action plan has been developed by the U.G.C. The Action Plan was considered by educational authorities and for the phase-wise introduction of substantive academic and administrative reforms in the institutions of higher education in the Country. The Action Plan put forth by the U.G.C. includes the Semesterisation of Undergraduate programmes.

The Educational Institutions in the Country were following the format of academic session, spread over 10 to 12 months, which suffers from several limitations. The Semester-system goes far beyond a ‘time-format’, as it enlarges curricular space and encourages and supports accelerated learning opportunities for all concerned. It has also the ability to accommodate diverse choices that dynamic and motivated students may like to have.

The U.G.C. has also put forth proposals in the Action Plan to introduce Choice-Based Credit System as the same has several unique features like Enhanced learning opportunities, ability to match students’ scholastic needs and aspirations, inter-institution transferability of students, part-completion of an academic programme in the institution of enrollment and part-completion in a specialized (recognized) institution, improvement in educational quality and excellence, flexibility for working students to complete the programme over an extended period of time, standardization and comparability of educational programmes across the country etc.

University Grants Commission issued a second letter to all Universities urging them to implement Academic and Administrative reforms beginning with 2009-10 Academic year. The reforms proposed by the UGC include (1) Semester System (2) Choice-based credit system, (3) Curriculum development (4) Admission procedures and (5) Examination reforms. The proposed reforms are the outcome of the consensus arrived at the National Conference of Vice-Chancellors, organised by the UGC in October, 2007. Accordingly the U.G.C. took new initiatives under the Eleventh Five-Year Plan on speedy

and substantive academic and administrative reforms in higher education, for promotion of quality and excellence in University in keeping with the country's long experience with various Academic models and practices. A Committee of Experts was set up and based on the report of the Committee, an Action Plan for Academic and Administrative Reforms has been unfolded by the UGC.

As the Universities are autonomous institutions and have necessary freedom to experiment new ideas and adopt practices which they consider appropriate for promoting relevance, quality and excellence and equal access, within the broad framework of the national policy.

The most striking aspect of UGC's new initiative is its plan to link devolution of Grants with the level of academic and administrative reforms undertaken by institutions of higher learning. It has developed a new grant making policy as part of the 11<sup>th</sup> Plan strategy for improving the quality of higher education. Therefore all the educational institutions at National and State level are expected to initiate this academic reform at the earliest. The institutions are supposed to undertake suggested reforms keeping in view their own experience with the best practices within the frame work of the UGC's recommendations and guidelines on academic reforms. Mahatma Gandhi University has a chequered history of curriculum reforms. The need for introducing the Credit-semester system is emphasised in the 12<sup>th</sup> Five year Plan document of the Planning Commission of India and the University Grants Commission. The UGC 12<sup>th</sup> Plan proposals are based on the recommendations of the national level Vice-Chancellor's conference held in March 2011, which among other things called for curriculum reforms including introduction of CSS in all institutions of higher learning.

In tune with the directions and guidelines of the UGC, the Mahatma Gandhi University has initiated several steps for the restructuring of the undergraduate system from 2009-10 academic year. Under the restructured programme, the undergraduate programme would be carried out through semester and credit system. The general pattern of the programme consists of five specific categories of courses, namely common, core, complementary, open and methodology courses.

Mahatma Gandhi University has a chequered history of curriculum reforms. In 1997-98, it restructured the Undergraduate courses. It was well acknowledged at the national level by National Accreditation and Assessment Council (NAAC) in its report for 2002. Other Universities in the State followed the same in their curriculum design also. The Mahatma Gandhi University introduced Credit-Semester-System in the

University Departments as early as in 2002-03. It was Mahatma Gandhi University that commenced the semesterisation of the PG Courses in the State. In undergraduate level also, courses are offered under the Semester System for the Model-II (Vocational) and New Generation courses like B.B.A., B.C.A. etc., since 1997-98. It now took nearly eleven years for the University to revise its undergraduate syllabi.

Based on the directions and model curriculum (2007) of the University Grants Commission, Mahatma Gandhi University also started works in restructuring of the undergraduate courses in 2009. A Syndicate sub committee was constituted for the preparation of detailed guidelines for the updation of the UG Syllabi and the Committee framed draft Regulations for Undergraduate programmes under Choice based Course-Credit-Semester and Grading Pattern. The Academic Council of the University approved the Regulations for the new pattern and the Syndicate adopted the same. In addition to the financial support, the Kerala State Higher Education Council played a catalyst role without interfering with the autonomy of the University in this regard by arranging a series of workshops, seminars and consultations at all levels

#### Implementaton of the Scheme : - PARTICIPATARY MODE

Before introducing the scheme, several meetings of the stake holders were conducted and many Orientation Programmes – both for teaching and non-teaching categories in the College and University Level – were conducted. Various Boards of Studies, based on the guidelines prepared by the University and Higher Education Council, framed Scheme and Syllabi of the various programmes. From the 2009 admission onwards, the new scheme was implemented in the affiliated colleges, for all the 116 undergraduate programmes in the traditional, vocational and new generation streams..

Based on the detailed guidelines for restructuring Undergraduate courses on Choice Based Course-Credit-Semester System and Grading prepared by the Syndicate sub committee Five day Curriculum workshops were conducted in two phases. At the first phase, 14<sup>th</sup> and 15<sup>th</sup> of May 2009, preliminary discussions were conducted in the workshops and in the second phase, workshops were conducted from 20<sup>th</sup> to 22<sup>nd</sup> M<sup>1</sup>ay 2009 to draft the Scheme and Syllabi. The workshop was inaugurated by the Vice-Chancellor on 14<sup>th</sup> June. Experts of various disciplines and Indian Institute of Science, Bangalore participated in the workshops. More than 1200 teachers participated in the curriculum work shops held in the University and affiliated colleges. The University

conducted workshops/orientation programmes for the entire academic community including Principals, Teachers and Non-teaching staff of the affiliated colleges and University. Based on the academic calendar, meetings were already conducted by the University for Principals and College level co-ordinators of CBCSS, in Kottayam and Ernakulam Zones.

A University level Monitoring Committee consisting of the members of the Syndicate with Pro-Vice-Chancellor as Chairman and the Registrar as the Member Secretary is monitoring the progress of restructuring of undergraduate courses.

Mahatma Gandhi University introduced the Scheme of Credit-Semester and Grading system for its various undergraduate programmes from 2009-10 Academic year onwards. All the undergraduate programmes – Model-I, Model-II, UGC Sponsored and New Generation courses – except Private Registration, Distant Education and Professional courses were brought under the scheme. The Scheme and Syllabi of about 116 various undergraduate programmes were restructured and introduced the new scheme to these programmes. Today about 30,000 students are enrolled at the first degree level in CBCSS in the affiliated Arts and Science Colleges of Mahatma Gandhi University. It is the first time in the history of the University that all the first examinations are conducted simultaneously for all streams (Model-I, Model-II (Vocational) and New Generation, U.G.C. Sponsored Courses etc.) of study at the undergraduate level. A common academic and examination calendar is followed by the University for the CBCSS programmes, with fair degree of accuracy.

#### **MODERNISATION OF EXAMINATION PROCEDURES :**

The genuine modernization of the University system, especially the examination related activities are being carried out in a big way, with the help of ICT. Three server facilities are used simultaneously by the University viz., the leased server at Mumbai, KELTRON assisted in the University Campus and one at IT Mission at Trivandrum. The State Government supported Rs.2 Crore Data Centre is coming up the University.

A) Hall Ticket Generation through on-line : University introduced on-line generated Hall Tickets for the CBCSS programmes. From the First Semester examinations onwards, the on-line Hall Tickets were generated and the Principals of the affiliated colleges were provided with a Pass word and using the Pass word, the Principals downloaded the Nominal Roll and Hall tickets of the students of their College. The same is being extended to B.Tech and other courses also. [ University was supplying the Hall Tickets at the door steps of colleges at the 11<sup>th</sup> hour. ]

B) Bar Coded Stitched Answer Books: Mahatma Gandhi University introduced Bar Coded Stitched Answer Books containing 24 pages, for the first semester examinations for the CBCSS in November 2009. By implementing this Answer Books, the attempt of malpractices could be reduced to a great extent as there will be no need for using additional/loose sheets. The time consuming false numbering system was replaced by modern security systems of examination management.

C) On-line transmission of valued data (Grades) : During the valuation of answer books, the University developed softwares for the transfer of data from the Valuation Camps to the University and implemented on-line transmission of valued data (Grades) from the Centralised Valuation Centres to the Computer Wing of the University (CETEX). This enabled the University to enter data easily and speedily. In the CETEX, the data received from the Valuation Camps were compiled with the Internal Grades submitted by the Colleges and results were finalized. The University took utmost care in finalizing the results by checking the data received through on-line with that were awarded by the teachers in the Camps. University officials are manning the Centralised Valuation Camps with Internet connected lap tops.

**EXAMINATIONS :**

Mahatma Gandhi University conducted Nine Semester Examinations of undergraduate programmes from 2009 and results of all except one has been published. Details of the Examinations conducted by the University under the re-structured scheme is as follows :

Batch	Semester	Examination commenced from	Details of publication of results
2009-10	I	11 November 2009	FEBRUARY 2010
	II	9 April 2010	4 August 2010
	III	3 November 2010	11 February 2011
	IV	7 April 2011	27 August 2011
	V	19 October 2011	FEBRUARY 2012
	VI	Scheduled to conduct on 2 APRIL 2012	
2010-11	I	19 November 2010	20 April 2011
	II	6 April 2011	26 September 2011
	III	18 October 2011	FEBRUARY 2012
	IV	Scheduled to conduct on 3 APRIL 2012	
2011-12	I	9 November 2011	
	II	Scheduled to conduct in APRIL/MAY 2012	

#### Zonal Valuation Centres :

The University organized Nine Zonal Valuation Centres for the valuations of Answer Books and in each Centre, an average of 3,000 candidates' answer books are being valued.

In the CBCSS, all the results of the undergraduate programmes – Model-I, II, III and UGC sponsored – totaling 116 programmes - could be published simultaneously are published as per the scheduled time.

#### Conduct of Practical Examinations :

The practical examinations of the programmes were conducted immediately after completion of the Theory examinations. There was an Oral Examination for the Common course – English – Oral Communication Skill Test – and this was the first in the history of the Universities<sup>2</sup> in Kerala that the Board of Studies in English prescribed such an examination and was widely appreciated by the teaching community.

Based on the feed back from teachers, recommendations of various Board of Studies and the practice in other Universities, University has decided to conduct the Practical Examinations of First, Third and Fifth Semester Examinations at the College Level (except that of English Common Course) and that of Second, Fourth and Sixth Semester Examinations at the University Level<sup>3</sup> from 2011 admission onwards.

#### On-line submission of Internal Grades :

University developed soft wares for the on-line submission of Internal Grades and the Principals of the affiliated colleges using the codes provided to them can submit the internal grades to the University on-line. This will also help the University for easy and speedy compilation of Grades and finalization of results. The Colleges are directed to submit the Internal Grades in hard copy also duly signed by the Class Teacher, Head of the Department and Principal and this will facilitate the University to verify the veracity of the data submitted by the Colleges through on-line.

#### Collection of feed back from the Stake holders :

University collected the feed back from the students, teachers, Principals and other stake holders regarding the implementation of the Credit-Semester and Grading scheme in the undergraduate programmes. A brief report of the Survey conducted by the University is appended.

OPEN COURSES IN UNDER GRADUATE PROGRAMMES UNDER THE CBCSS The

Regulations for Undergraduate Programmes (Model-I, Model-II and Model-III) under the Choice Based Credit-Semester and Grading Scheme contain provision for a four (4) Credit Open Course. It is mandatory for all the students of Undergraduate programmes to earn these four credits during the Fifth Semester of their Programmes. The list of Open courses approved by various Board of Studies (BoS) alone will be permitted to be taken by the Colleges.

For the smooth conduct of classes and examination, selection and enrollment of students in Open Courses the University implemented the following conditions.

- 1) Students can choose the Course.
- 2) Their choice shall be recommended by the Faculty Advisor
- 3) There shall be a minimum of 15 students and maximum of 70 students for an Open Course study in a class.
- 4) The faculty position, and infrastructural facilities should be taken into account.
- 5) The College Council should act as the Co-ordinating agency for selecting the Open Courses in a College
- 6) The Principal and College Level Co-ordinator of CBCSS should act as the link between the Colleges and University in the resolution of all matters in this regard.
- 7) There will be no change in the work load on account of Introduction of Open Courses.
- 8) The four credits Open Course is a full-credit course and minimum of four hours in every week in the Fifth Semester shall be allotted for its study. A Separate list of students and Registers should be maintained by every department.
- 9) One Common period should be set a <sup>4</sup> part every day for the conduct of Open Course in the Fifth Semester in every College. The time table for Open course shall be finalized by the College Council to facilitate hassle free mobility of students between department and cross subjects of study.
- 10) The details of Open Courses opted by the Colleges concerned have to be communicated to the University in the prescribed format within two weeks from the commencement of Fifth Semester.
- 11) Details of students in each Open course shall also be communicated in the prescribed format within one month from the commencement of the fifth semester.

- 12) Chairpersons of Board of Studies (BoS) (UG) shall submit Model Question Papers of all Open Courses within two months of commencement of the Fifth Semester.
- 13) The Chairpersons shall organize workshops for the preparation of Model Question Papers of Open Courses within one month of the commencement of fifth semester.
- 14) The details of internal evaluation of Open Courses shall be kept in the department which offers the Open Course to a group of students.
- 15) The details of grades secured in Assignment/Seminar/tests, as part of internal evaluation of Open Courses shall be submitted to the parent department of students, which shall be forwarded to the University along with details of other courses in the Fifth Semester.

**Workshops on Open Courses :**

Based on the Guidelines issued regarding the conduct of Open Courses, University conducted three University Level Workshops at Pathanamthitta, Kottayam and Ernakulam Districts for members of the Board of Studies and Teachers of the affiliating colleges. In the Vth Semester examinations conducted in November 2011, 95 Open Course examinations were conducted by the University without any confusion and complaints.

**Review of UG Programmes :**

The conduct of UG programmes is consistently monitored and reviewed at various levels. They include\_:

A) **At University Level :**

The Implementation Committee on CBCSS consisting of the members of the Syndicate with Pro-Vice-Chancellor as Chairman and the Registrar as the Member Secretary is monitoring the progress of the implementation of restructured CBCSS Programmes. The Committee convenes meeting constantly for discussing various affairs including finalization of academic calendar, conduct of Examinations, Valuation at C.V. Camps, Publication of Results etc. The academic, administration and examination branches of the University finetune the various aspects of the implementation of CBCSS under the supervision of the University Level Monitoring Committee.

B) **Review by Board of Studies :**

The respective Board of Studies in various programmes conducted workshops for improving the curriculum. Curriculum review workshops are organized in Malayalam, English, Sanskrit, Tamil, Music, Chemistry, Botany, Physics, Mathematics, Commerce,



History, Aquaculture and fisheries, Philosophy, Sociology, Economics Board of Studies at various College and in the University.

Based on the consensus arrived at the Workshops, Board of Studies have suggested certain modifications / additions / deletions and the same have been submitted to the University for approval. Necessary further orders in this regard will be issued by modifying the existing Scheme/Syllabi of various programmes giving effect from the next academic year onwards.

#### **Introduction of CBCSS in B.Ed. Programmes:**

Mahatma Gandhi University introduced Credit-Semester Scheme for the B.Ed. programmes also from the 2009 admissions onwards. Two batches of the B.Ed. Programme students have passed out and their Grade Sheets are issued. For these examinations also, University used Bar Coded Answer Books and on-line transmission of data from valuation camps (Kottayam and Ernakulam) to the CETEX is implemented.

### **NEW INITIATIVES OF MAHATMA GANDHI UNIVERSITY IN ADMISSION**

#### **1. Introduction of Centralised Allotment Process (CAP) :**

Mahatma Gandhi University introduced Centralised Allotment Process for various PG Programmes in the Affiliated Colleges under the University from 2010-11 Academic year. In the CAP, merit seats and reservation seats were filled by the University. Colleges were allowed to fill up the Management/Community reservation seats. As the feed back received from various stakeholders was overwhelming, the University implemented the same for the undergraduate programmes also from 2011-12 academic year, using the software developed by the Computer Wing of the University.

#### **2. Setting up of new Computer Wing :**

University has taken steps to set up a new Centralised Computer Wing in the Pareeksha Bhavan.

#### **3. Providing Computers in the Tabulation Sections :**

University provided Computers in the Tabulation Sections of undergraduate programmes and in the B.Tech sections. The data can be entered in the Tabulation section itself, which will be connected to the Centralised Computer Wing for finalization.

#### **4. On-line Registration of students :**

From 2011-12 admission, University introduced Centralised Allotment Process (CAP) for the undergraduate programmes offered in the affiliated colleges and the details

of the admitted students in each college were submitted through on-line. These data are now being used by the University for the preparation of Nominal Roll and Hall Tickets.

#### **5. Vacation in November and May :-**

As per the Regulations for Undergraduate Programmes under Choice Based Course-Credit-Semester System and Grading, the Semester breaks/Vacation will be one month each in November and May every year instead of April and May vacation. As required under Statute 37 of Chapter 23 of Mahatma Gandhi University Statutes, 1997, the Syndicate at its meeting held on 30.06.2011 resolved to make the “Mahatma Gandhi University Ordinance, 2011 regarding Academic Year, Semesters, Vacation and Holidays”. As per University Notification No.Ac.L/1/2011/Ord/ Vacation dated 3 September 2011, the above Ordinance, giving effect from 30 June 2011 was published for general information and the same was submitted to the office of the Chancellor of the University. The Higher Education Council meeting held on 18.11.2011 with the Pro-Vice-Chancellors of the Universities in the State resolved to recommend the Government to implement the Semester breaks during the months of November and April, as implemented in the Mahatma Gandhi University.

#### **6 Re-structuring of PG Programmes :-**

The Mahatma Gandhi University has decided to implement the Credit Semester and Grading System for all the Postgraduate Programmes from 2012-13 Academic year. University considers 2012-13 academic year as academically opportune time for this as the first batch of graduates under the CBCSS stream complete their programmes in the same year. Regulations for the PG Programmes have been adopted by the Academic Council and the Syndicate of the University and Notification in this regard has been issued. Meetings with various stake holders were conducted by the University and various Board of Studies conducted workshops for drafting / finalizing the Scheme and Syllabi. The BoS are directed to submit the final Scheme and Syllabi of the programmes in the month of February 2012 and the same will be placed before the Academic council and will be implemented from 2012-13 academic year onwards.

# UNIVERSITY TEACHING DEPARTMENTS

## 1. School of Behavioural Sciences (1988)

1. Name of the School : School of Behavioural Sciences

2. Head of the School : Dr. M.S Razeena Padmam

### 3. Staff Profile

	Men	Women	Scheduled Caste	Schedule Tribe	Total
Teaching	5	3	1	Nil	8
Non Teaching	4	8	3	Nil	12

### 4. Courses Offered with Number of seats.

Under graduate	Number of seats		Post Graduate	Number of seats		M.Phil	Number of seats	Ph.D	Number of seats	
	M	W		M	W				M	W
			Psychology	5	7	Sp.Edn.	Total 4	60	NA	NA
			D.S&RS	5	5	Psy	5			
						Beh.Med	4			
						Beh.Nur.	4			

### 5. Student Intake

Under graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M.Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
					Psychology	6	4	6	4	SP&R		4		4	Faculty of Reh Sc			2	1
					D.S&RS	5	7	5	7	R.P	2	2	2	2					
										BM&R	3	1	3	1					
										BS&RN	0	3	0	3					

### 6. Details of Tests cleared by students.

Sl.No.	National Level	State Level	
1	NET (3), Rajiv Gandhi Fellow Ship (1)	Nil	

### 7. Library

- (a) Total Number of Books : 3068  
 (b) Total Number of Journals : 3  
 (c) Total Number of periodicals : Nil  
 (d) Number of titles added during the year : 178

**8. Grants Received From.**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others : Nil

**9. Projects undertaken**

Global fund Project on HIV/AIDS counseling

**10. Seminars Conducted.**

- (a) State Level : 2
- (b) National Level : One
- (c) International Level : Nil

**11. Seminars Conducted by faculty (Name wise with details) : Nil****12. Publications by the Faculty with impact factor of the Publication**

**Dr. Razeena Padmam, Director** - One – ‘ Students mental Health. Issues and Challenges’- Motivating students proceedings of the International Conference-January 2011.

**Dr. P.S Sukumaran, Professor in Special Education.** (Mental Retardation)

- (i) Dr. Sukumaran P.S, and Maya P.M 2011) Attitude of parents towards their children with Mental Retardation. Journal of Disability management and Special Education, Vol.1, PP.21-27.
- (ii) Remya K.R, and Dr. Sukumaran P.S (2011). Attitude of Special Teachers towards Integrated Education of children with Mental Retardation. Vol.1, No.1, PP 25-34

Dr. Sukumaran P.S (2011) Analysis of the Gap between limited Expertise and the Heterogeneous Needs of children with Mental Retardation in Inclusive Education. Proceedings of the National Seminar on Inclusive Education of children with Mental Retardation. An Introspection Ramakrishna Mission Vivekananda University, Faculty of Disability Management and Special Education, Coimbatore PP.30-34.

**13. Research highlights**

**Dr. M.S Razeena Padmam, Director.**

9 students carrying out research under my guidance . Focus of research is mental health, Stress management, Alzheimer’s Disease, HIV/AIDS etc.

**Dr. P.S Sukumaran, Professor in Special Education**

9 students are working for their Ph.D on various topics related to Special Education. Actively engaged in the supervision of these research works. Working for implementing more effective and advanced designs for the methods and data analysis. Research students from other Universities are approaching for guidance related to the research designs and statistical analysis of their data. Working as adjudicator of M.Phil and Ph.D thesis of other Universities. Functioned as a peer evaluator of research articles for the journal of Disability Management and Special Education. Acted as a resource person and handled one session on Inclusive Education held at Ramakrishna Mission, Vivekanda University, Coimbatore.

**Baburaj P. T, Sr. Lecturer**

- (a) Published one article in the UGC sponsored International Seminar at CTE Programme, Trivandrum .

- (b) Attended and presented a paper on the two day International Conference on Inclusion understanding children with Disabilities to build 'inclusive communities, on January 11 & 12, 2012.
- (c) Two M.Phil students attended and presented papers in the CTE International Conference, Trivandrum
- (d) Six students attended and presented papers in the two days International Conference on Inclusion: 'Understanding children with Disabilities to build' inclusive communities on January 11 & 12 of 2012.

**Dr. K.M Mustafa –**

- 1. Attended in 2 International Seminars and presented research papers. Participated international seminars conducted research works with the PG in the are of learning disabilities.
- 2. Course Co-ordinator of Research Methodology for Ph.D.

**1 Academic Achievements.**

**Baburaj P. T, Sr. Lecturer**

Attended workshops and one day seminars regarding special education. Attended 2 days seminar on science Education at Kanoor on February 2012.

**15. Student Achievements. Academic**

3 students qualified NET

**16. Students Activities/Achievements- (Extra Curricular).**

- (a) National Service Scheme.
- (b) Arts Festivals.
- (c) Sports.
- (d) Games

**17. Industry Varsity Linkage**– Faculty members are consultant to many organizations. Serves as Resource person to various Govt. and non Govt. Agencies

**B. Academic Tie-Ups (if any) -** with NIMHANS, NIMH, NISH, AIISH

**C. Student Progression**

(eg. Former student cleared civil service, joined MIT, Post doctoral fellowships).

**20. Campus Recruitment -** Nil

**21. Number of PhD's Awarded so far -** 26

**22. Research Scholars Registered in the School – 21**

Sl.No.	Name of Research Scholar	Title/Area of Research	Name of Guide
1	Sherly Alex	Nursing	Dr.C Jayan
2	Nandini M	Nursing	Dr.C Jayan
3	Shimmy V.S	Nursing	Dr.C Jayan
4	Anu George Varghese	Nursing	Dr. Mary Lucita
5	Asha Sivaram	Nursing	Dr.C Jayan
6	Shazia Noor in Binsyed Mustafa	Nursing	Dr. Rajeevkumar N

7	Omana M.P	Nursing	Dr. Mary Lucita
8	Sheril Elizabeth Jose	Psychology	Dr. M.K Mathew
9	Johnson Joseph	Psychology	Dr. M.K Mathew
10	Chinchu Rani Vincent	Psychology	Dr. M.K Mathew
11	Sajitha S	Psychology	Dr. M.K Mathew
12	Suja Mathew	Psychology	Dr.C Jayan
13	Priya Chandra K	Spl Education	Baburaj P.T
14	Daisy Philip	Nursing	Baburaj P.T
15	Indu Chacko	Sp. Education	Dr. P.S Sukumaran
16	Susan John V	Nursing	Dr. Mary Lucita
17	Simili P Chacko	Spl Education	Dr. P.S Sukumaran
18	Simmy M Varkey	Nursing	Dr. Mary Lucita
19	Mammen Joseph C	Psychology	Dr. M.S Razeena Padmam
20	Dr. Sarasa T.P	Medicine	Dr. Mary Lucita
21	Dr. Remani K.K	Medicine	Dr. Mary Lucita

**23. Alumini Activities (with e-mail and website)-** conducted Alumini Meet in September 2011 – e.mail & Website - Nil

**24. Any other Achievements - Nil**

## 2. School of Bio-Sciences (1983)

**1. Name of the School/ Department** : School of Biosciences

**2. Head of the School/Department** : Prof.(Dr.) Jyothis Mathew

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	06	07	02	0	12
Non Teaching	08	04	01	Nil	12

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
			Biochemistry	10		Biosciences	10		Biochemistry		
			Microbiology	10					Microbiology		
			Biotechnology	10					Biotechnology		
			Biophysics	05					Physiology		
									Ecology & Ecotechnology		

### 5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
					Biochemistry	1	8	1	8	Bioscience	1	9	1	9					
					Microbiology	2	8	2	8										
					Biotechnology	0	10	0	10										
					Biophysics	2	3	2	3										

### 6.Details of Tests cleared by Students

Sl.No.	National Level	State Level	
	Soya Mary Jose - CSIR UGC JRF	Elizabeth -KSCSTE JRF	

### 7.Library

- (a) Total Number of Books : 2027  
 (b) Total Number of Journals  
 (c) Total Number of Periodicals  
 (d) Numer of titles added during the year : 28

### 8.Grants Received From

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 11.6 Lakhs as additional Assistance for purchase of lab equipments  
 (d) Others - Specify

### 9.Projects Undertaken

1)Production, purification and characterization of antagonistic principles of potential aquaculture probiotics (UGC-F.No.37-1/2009(KER)(SR).Principal Investigator:

**Dr.Keerthi.T.R**

2)Safety evaluation of the process of chlorination in drinking water systems-University Grants Commission, New Delhi, Principal Investigator: **Dr.K.Jayachandran**

3)Microbial quorum sensing and its Biotechnological applications- KSCSTE. Government of Kerala. Principal Investigator: **Dr.K.Jayachandran**

4) SCREENING OF MEDICINAL PLANTS FOR DUAL INHIBITION OF LIPOXYGENASE (LOX) AND CYCLOOXYGENASE (COX).Minor Research project from UGC has been sanctioned as per order number (MRP (S)- 415/08-09/KLMG027/UGC-SWRO dated 30 March 2009) (Completed) Principal Investigator:

**Dr.B.Prakashkumar**

5) Molecular Basis of Sodium Dodecyl Sulphate (SDS) Bioremediation & Bioreactor Designing funded by KSCSTE. Principal Investigator: **Dr.M.S.Jisha**

7) *In vitro* studies on inhibition of eicosanoid metabolism for control of arthritis by extracts of stem of *Tinospora cordifolia* at a total cost of Rs. 21.17 lakhs (Rupees Twenty One lakhs Seventeen thousand only) funded by DBT New Delhi, BT/PR14926/PBD/17/720/2010 Principal Investigator: **Dr.B.Prakashkumar**

8) Evaluation of methanolic extracts *Elephantopus scaber* for inhibitors of 5-lipoxygenase (5-LOX) and cyclooxygenase-2 (COX-2) at a total cost of 15.72 lakhs (rupees fifteen lakhs seventy two thousand only) By KSCSTE, Kerala as per order No 015/SRSLS/2010/CSTE. Principal Investigator: **Dr.B.Prakashkumar**

9) Barcoding and genetic diversity analysis of *Clarias* spp. In Kerala. Funding agency: Kerala state Council for Science, Technology and Environment (KSCSTE) (ongoing with financial outlay 14.7 lakhs) Principal Investigator: **Dr.Linu Mathew**

10) University Grants Commission Major Research project "Evaluation of the protective effect of omega-3 fatty acid against arsenic trioxide induced cardiac toxicity in cancer therapy" [Project No. F. No. 39-683/2010 (SR)] Principal Investigator: **Dr.R.Harikumaran Nair**

11) Chemotactic response of human phagocytic cells (polymorphonuclear leucocytes and monocytes) in tuberculosis patients UGC funded minor project Principal Investigator: **Dr.Anie Y.**

12) Molecular Exploration of Spice Associated Bacteria for Bioactive metabolites and PKS-NRPS genes" Major Project (15 Lakhs) from DBT, Govt. of India under the DBT-RGYI Scheme (2011-2014) Principal Investigator: **Dr.Radhakrishnan E.K**

13) Molecular Studies on Biofilm formation in Coagulase Negative Staphylococci" Major Project (22 Lakhs) from ICMR (2011-2014) Principal Investigator: **Dr.Radhakrishnan E.K**

14). Project on "Metabolite profiling and mining of endophytic fungi for novel bioactive metabolites including polyketides and hybrid natural products" as part of DST-PURSE programme support to Mahatma Gandhi University. Investigator: **Dr. Dr.Radhakrishnan E.K**

15. Extension Project

Demonstration of vermicomposting technique and extension of the technique to Athirampuzha gramapanchayath-BIRD programme, Kerala Biotechnology Commission, Government of Kerala Co-ordinator: **Dr.K.Jayachandran.**

16. Studies on the anti-cancer effect of selected families of medicinal plants with nutritional importance on human colon cancer cells and 1, 2 dimethylhydrazine induced carcinogenesis in experimental rats. Funding Agency: University Grants Commission (UGC), New Delhi, India. F.No.37-265/2009(SR) Principal Investigator: **Dr. M.S. Latha**

17. Protective effect of *Elephantopus scaber* Linn – A traditional medicinal plant on hepatic fibrosis and hepatocellular carcinoma. Funding Agency: Kerala State Council for Science Technology and Environment, (KSCSTE) Thiruvananthapuram, Kerala. (Order No. (T) 298/SRS/2008/CSTE). Principal Investigator. **Dr. M.S. Latha**

#### **10.Seminars Conducted**

- (a) State Level
- (b) National Level
- (c) International Level



**11. Seminars Conducted by Faculty** (Name wise –with details)

- (a) State Level
- (b) National Level
- (c) International Level

**12. Publications by the Faculty with Impact factor of the Publications** (A Short Discription)

**I. In Journals**

1. Probiotic effect of wild species of *Bacillus* spore formers and its effect on enteric pathogens Anu P Sebastian and T R Keerthi, International Journal of Pharma and Bio Sciences ISSN 0975-6299 Vol 3/Issue 1/Jan – Mar 2012.
2. Probiotic potential of bacterial species from natural sources. Anu P Sebastian. Jacob Anjali Anne. , and T. R. Keerthi. internationalprobiotics.org.
3. Characterization of siderophore produced by the gut microflora of *Poecilia reticulata* for potential use as probiotic in aquaculture. Aparna Balakrishna and T R Keerthi\* J Plant Pathol Microbiol 2011/ Volume S1: 013(2011) /Special Issue 2011 doi:10.4172/2157-7471.1000001
4. Ray J G and Thomas B (2012) Fertility characteristics of Oxic Dystrustepts under natural forest, rubber and teak plantations in different seasons, Kerala, South India, Communications in Soil Science and Plant Analysis, Vol. 42. (in the press) – Impact Factor 1.1
5. “*Chromobacterium violaceum*” -a potential candidate for phenol degradation. Sreeja Narayanan, Tintu Prasad, Indu C Nair and Jayachandran.K Accepted in International Journal of Biotechnology 2011.
6. Process optimization of the fermentative production of Chitinase from *Chromobacterium violaceum* DSTS 1 using Plackett- Burman model ” Seethal Sivankutty and Jayachandran.K accepted in Research Journal of Biotechnology 2011, Impact Factor 0.284.
7. Pilgrimage and depleting water quality; A preliminary study on river Pampa, Mohammed Ashiq, Sajudheen P.A and Jayachandran.K accepted in Pollution Research.
8. Selective Amplification of Catechol 2,3 dioxygenase gene from phenol degrading *Alcaligenes sp d<sub>2</sub>* isolated from soil. Mohammed Ashiq , Indu C Nair and Jayachandran.K, Communicated to Research Journal of Biotechnology 2011, Impact Factor 0.284
9. Dual Inhibition of Lipxygenase/Cyclooxygenase by An Ayurvedic Herb, *Tinospora cordifolia* (WILLD.); Possible Explanation for Anti-inflammatory Activity Prakash Kumar B, Jenny Jacob, Jomy Augustine *Journal of Pharmacy Research Vol.4.Issue 6. June 2011* IMPACT FACTOR: 2.36
10. Plasmid mediated biodegradation of the anionic surfactant Sodium Dodecyl sulphate (SDS) by *Pseudomonas aeruginosa* S7. Bull. Environ. Contam Toxicol. (2011) 86(1):110-113. DOI 10.1007/s00128-010-0162-2. Impact factor 1.37

11. Gluconic acid production as the principal mechanism of mineral phosphate solubilization by *Burkholderia* sp. (MTCC 8369). *Journal of Tropical agriculture*, 49(1-2), 99-103, 2011.
12. Biodegradation of the anionic surfactant, sodium dodecyl sulphate by *Pseudomonas aeruginosa* MTCC 10311. Accepted for publication in 2011. *Journal of Environmental Biology* and is expected to be published in volume 33 (2012). Impact factor 0.48
13. Abhilash M, Paul MV, Varghese MV, Nair RH. Effect of long term intake of aspartame on antioxidant defense status in liver. *Food Chem Toxicol.* 2011 Jun;49(6):1203-7. Epub 2011 Mar 3 Imp fac- 2.6
14. Abhilash M, Paul Sauganth M V, Varghese Mathews V, Nair Harikumaran R. Long term consumption of aspartame and brain antioxidant defense status. *Drug and Chemical Toxicology*. LDCT-2011-0206-R2 (Accepted for publication). Imp fac- 0.9
15. Varghese V. Mathews, M.V Sauganth Paul, M Abhilash, Alex Manju, S Abhilash, R Harikumaran Nair. Myocardial toxicity of acute promyelocytic leukaemia drug-arsenic trioxide. *European Review for Medical and Pharmacological Sciences.* #1.2435. (Accepted for publication). Imp fac- 0.9
16. Suja Philip, Minu Thomas, E.K. Radhakrishnan and Jyothis Mathew "Species Distribution and Virulence Properties of Coagulase-Negative *Staphylococci* Isolated from Human and Domestic Animal Sources" *Asian Jr. of Microbiol. Biotech. Env. Sc.* Vol. 13, No. (4) : 2011 : 743-748.
17. Production of extracellular uricase from *Penicillium* sp.F31 by solid substrate fermentation using wheat bran. Jiji Mathew, Suja Philip and Jyothis Mathew (2011) *The Journal of Zoological Society of Kerala* 14 (1&2) 54-62
18. Biosurfactant production *Pseudomonas* sp.G6 by solid substrate fermentation using coconut oil cake as the substrate. Thomas Minu, Philip Suja and Mathew Jyothis (2011). *Research Journal of Biotechnology* 6 (2) 18-23, Impact Factor 0.284
19. Ansil PN, Prabha SP, Nitha A, Wills PJ, Jazaira V, Latha MS (2011). Curative effect of *Amorphophallus campanulatus* (Roxb.) Blume. tuber methanolic extract against thioacetamide induced oxidative stress in experimental rats. *Asian Pacific Journal of Tropical Biomedicine* (Accepted for Publication- In press).
20. Nitha A, Ansil PN, Prabha SP, Wills PJ, Latha MS (2011). Preventive and curative effect of *Woodfordia fruticosa* Kurz flowers on thioacetamide induced oxidative stress in rats. *Asian Pacific Journal of Tropical Biomedicine* (Accepted for Publication- In press).
21. Ansil PN, Nitha A, Prabha SP, Wills PJ, Jazaira V, Latha MS (2011). Protective effect of *Amorphophallus campanulatus* (Roxb.) Blume. tuber against thioacetamide induced oxidative stress in rats. *Asian Pacific Journal of Tropical Medicine.* 4(11):870-877.
22. Ray JG and George J (2011) Nickel in soils and Resilient Plants on Roadsides in Kerala, South India, *Journal of Soil Science*, 12(1-2): 12-23. Impact factor 0.32

23. 22. Ray JG and George J (2011) Cation exchange capacity of roots of Wild grasses and the ecological implications, *Ecology and Noosphereology*, 2(3-4): 58-72. Impact factor 0.4

## **II. Book Chapter / Article in Proceedings**

1. Ansil PN, Latha MS (2011). Chemopreventive efficacy of *Amorphophallus campanulatus* (Roxb.) Blume. tuber against 1,2-dimethylhydrazine induced rat colon carcinogenesis. In: *Molecular diagnostics for sustainable health in biosciences and technology*, Jibu Thomas (Ed), Excel India Publishers, New Delhi, India. pp 9-16.

2. Nitha A, Latha MS (2011). Curative Effect of *Woodfordia fruticosa* Kurz Flowers on Carbon Tetrachloride Induced Hepatic Fibrosis in Rats. In: *Molecular diagnostics for sustainable health in biosciences and technology*, Jibu Thomas (Ed), Excel India Publishers, New Delhi, India. pp 91-97.

3. Prabha SP, Latha MS (2011). Cardioprotective Effect of *Gardenia gummifera* (LINN.) on Isoproterenol Induced Myocardial Infarction in Rats. In: *Molecular diagnostics for sustainable health in biosciences and technology*, Jibu Thomas (Ed), Excel India Publishers, New Delhi, India. pp 104-111.

4. Ansil PN, Latha MS (2011). Phytochemical and in vitro antioxidant evaluation of *Amorphophallus campanulatus* tuber. Abstract volume, 23rd Kerala Science congress. Kerala State Council for Science Technology and Environment, Thiruvananthapuram. p 196.

## **III. Invited Talk/ Paper Presentations/ Seminar participation**

1. Dr. Linu Mathew, "Studies on Endophytic Associations in *Achyranthes aspera* Linn." in International Congress and Symposium on Plant Science, at MACFAST, Thiruvalla

2. Dr. Linu Mathew, "Endophytic fungal Diversity and Colonisation in *Achyranthes aspera* Linn." In 24<sup>th</sup> Kerala Science \ Congress, 2012.

3. Dr. Linu Mathew, "Genetic variation in populations of *Monochoria Vaginalis* in different geographical areas of coastal Kerala" in World Congress Bio-technology, 2011 at Hyderabad.

4. Dr. Linu Mathew "Micropropagation of *Adhatoda vasica* from leaf, axillary bud and root tip" in International Congress and Symposium on Plant Science, at MACFAST, Thiruvalla.

5. Dr. J.G. Ray "State level workshop on ' Intellectual Property Rights and Patents – 17th December 2011 held Pushpa Giri Institute of Medical Sciences, and Research Centre, Thiruvalla – organized by KSCSTE

6. Dr. T.R. Keerthi, Structural analysis of the polysaccharide mannan from a marine yeast *Meyerozyma guilliermondii* (JN128648) using <sup>1</sup>H and <sup>13</sup>C NMR Spectroscopy. (Accepted). International Conferences on Advances in Biological Sciences. March 15-17, Kannur, Kerala.

7. Dr. T.R. Keerthi, Partial characterization of Bacteriocin like substance active against Enteric fever pathogens produced by *Enterococcus faecium* MBTU P1F1. Anjali Anne Jacob and Keerthi. T.R. XL-Dairy Industry Conference - Feb 2-5, 2012, New Delhi.

8. Dr. T.R. Keerthi, Synthesis and characterization of mannan based nanomaterials from marine yeast *Meyerozyma guilliermondii*. Savitha K. Koilery and T.R. Keerthi. Mahatma

Gandhi University. Asiasense 2011-The 5th International Conference on Sensors October 23-26, 2011, The Shilla Jeju, Jeju, Korea.

9. Dr.T.R. Keerthi, Identification and characterization of Exomannan & Cell wall Mannan from a marine Yeast *Meyerozyma guilliermondii* Savitha K Koilery & Keerthi. T.R. Mahatma Gandhi University. 2011 May 11-15 Asian Congress on Biotechnology Shanghai China.

10. Dr.T.R. Keerthi, Screening of potential aquatic probiotic from major microflora of Guppy. Aparna Balakrishna & Keerthi. T.R. Mahatma Gandhi University. 2011 May 11-15 Asian Congress on Biotechnology Shanghai China.

11. Dr.T.R. Keerthi, Probiotic potential of *Bacillus subtilis* isolated from milk and its antagonism against enteric pathogens. Dr. Keerthi T R. Mahatma Gandhi University. World Congress on Biotechnology 21-23 March, 2011. HICC, Hyderabad. [www.omicsonline.org](http://www.omicsonline.org)

12. Dr.T.R. Keerthi, Biodiversity of marine yeasts at different depth ranges in the coastal regions of Arabian Sea of Peninsular India. Savitha K. Koilery and T.R. Keerthi. Mahatma Gandhi University. National Symposium on Emerging Trends in Biotechnology. 1-2 September 2011, Cochin University of Science and Technology.

13. Dr.T.R. Keerthi, Adhesion property is an enhanced probiotic potential of *Bacillus subtilis* MBTU\_PBBM1 against enteric pathogens. Anu P Sebastian and T R Keerthi\* School of Biosciences, Mahatma Gandhi University, Kottayam- 686560 Kerala, India. National seminar on Emerging trends in Biopharmaceuticals, 26-27 August, 2011. St. Mary's College, Thrissur.

14. Dr.T.R. Keerthi, In vitro probiotic characterization of Lactic Acid Bacteria isolated from infant feces with antibacterial action towards enteric fever pathogens. Anjali Anne Jacob. T. R. Keerthi. Mahatma Gandhi University. National seminar on Emerging trends in Biopharmaceuticals, 26-27 August, 2011. St. Mary's College, Thrissur.

15. Dr.M.S.Jisha , Cytotoxic alterations induced by sublethal concentration of the anionic surfactant linear alkylbenzene sulphonate (LAS) on grass carp (*Ctenopharyngodon idella*). Presented in the International seminar Asian pacific aquaculture 2011, Kochi, India held on January 18 -20, 2011

16. Dr.M.S.Jisha , Best poster award (Life Science) "Structural and biochemical characterisation of biosurfactant required for the biodegradation of the anionic surfactant linear alkylbenzene sulphonate (LAS)". 23rd Kerala Science Congress held on January 29-31, 2011.

17. Dr.M.S.Jisha, Molecular characterization of *Pseudomonas nitroreducens* (MTCC10463) and *Pseudomonas aeruginosa* (MTCC10463) capable of degrading the anionic surfactant Linear alkylbenzene sulphonate (LAS). Presented in the National symposium on emerging trends in Biotechnology, organized by Department of Biotechnology CUSAT, held on 1-2 september, 2011.

18 Dr.M.S.Jisha, Biocontrol potential of rice endophyte *Fusarium oxysporum* against Rice Sheath Blight pathogen *Rhizoctonia solani*. Presented in the International workshop and

seminar "Phytophthora 2011 organised by Rubber Research Institute of India, held on 12-17 Sept. 2011.

19 Dr.M.S.Jisha , Pseudomonas and Bacillus mediated control of bacterial blight of anthurium. Presented in the International workshop and seminar "Phytophthora 2011 organised by Rubber Research Institute of India, held on 12-17 Sept. 2011.

20. Dr.M.S.Jisha, Environmental impact of acute exposure of the anionic surfactant linear alkylbenzene sulphonate (LAS). Presented in the International Symposium on Environmental Risk Assessment 2011 (ISERA 2011) organized by School of Lifesciences, Bhatathiyar University, Coimbatore, held on October 17 – 19, 2011

21. Dr.M.S.Jisha, Kerosene biodegradation by autochthonous bacteria. Presented in the International Symposium on Environmental Risk Assessment 2011 (ISERA 2011) organized by School of Lifesciences, Bhatathiyar University, Coimbatore, held on October 17 – 19, 2011

22. Dr.M.S.Jisha, Biodegradation of the anionic surfactant linear alkylbenzene sulphonate (LAS) by immobilized Pseudomonas sp. Presented in the 21st Swadeshi Science Congress held on November 7-9, 2011

23. Jenny Jacob, Prakash Kumar B, Screening and phytochemical profiling of medicinal plants from Kerala for dual inhibition of LOX and COX-2 enzymes. Poster presentation at 23rd Kerala Science Congress held at Center for Earth Science studies, Thiruvananthapuram from 29-31 January 2011

24. Dr. Prakash Kumar B, Participated in the International Conference on Membranes: Environmental and Biological Applications (ICM 2011) organized by Center for Environment Education and Technology (CEET) and The Common Instrumentation Center (CIC) Mahatma Gandhi University held on 16-19 September 2011

25. Dr. Prakash Kumar B, Participated in UGC Sponsored National Seminar – Modern Streams of Biochemistry organized by the department of Chemistry, St.Alberts College Cochin on 20th - 22nd September 2011.

26. Dr. Prakash Kumar B, Participated in the KSCSTE sponsored International Seminar on Cell and Molecular Biology as a Resource person organized by Department of Botany Muvattupuzha

27. Dr.Linu Mathew “Genetic variation in populations of *Clarius dussumieri dussumieri* in different geographical locations of Kerala” in World Congress Biotechnology, 2011 at Hyderabad

28. Dr.Harikumaran Nair participated 23rd Kerala Science Congress, January 2011 at Centre for Earth Science Studies, Akkulam, Thiruvananthapuram, Kerala, India on 29-31 Jan, 2011.

29. Dr.Harikumaran Nair participated 98th Indian Science Congress on 3-7 January 2011 at SRM University, Chennai, India

30. Seethal Sivankutty, Sreeja Natarajan, Tintu Prasad, Indu C.Nair and Jayachandran K "Chromobacterium violaceum - a potential candidate for industrial applications" at National Symposium on Emerging trends in Biotechnology organised by Department of Biotechnology, CUSAT, Cochin. 1-2, Sep 2011.

31. Mrs.S.S.Resmi participated National Seminar on "Emerging Trends in Biopharmaceuticals" organized by St.Mary's College, Thrissur on 26-08-2011 and 27-08-2011

32. Radhakrishnan E.K, Presentation as Resource Person on "Diversity in structure and function of Type III polyketide synthases- - Lessons and Opportunities" at the "PHARMACHEM" - the Scientific Seminar organized by Department of Pharmaceutical Sciences, Mahatma Gandhi university, on 24th February, 2011

33. Radhakrishnan E.K, Invited Lecture "Molecular studies on metabolic complexities of type III PKS in a multi-substrate reaction system" at the International Symposium on "Genomics of Crops, Medicinal Plants and Microbes" organized by Department of Botany, University of Kerala on May 29-31, 2011

34. Anisha C and Radhakrishnan E.K, Poster Presentation "Isolation and characterization of a novel extreme halophile and screening for its lipolytic activity" at the International Symposium on "Genomics of Crops, Medicinal Plants and Microbes" organized by Department of Botany, University of Kerala on May 29-31, 2011

35. Radhakrishnan EK, Invited Lecture on "Microbial Diversity and Unculturables" at the BIOCELEST organized by Mar Augustinose College, f on Sep 23, 2011.

C. Radhakrishnan EK, Invited Lecture on "Lessons from Microbial Diversity" at the National Conference on "Biodiversity" organized by All Saints College, Thiruvananthapuram, Kerala, on Sep 28-29, 2011.

D. Radhakrishnan EK, Invited Lecture on "Microbial Diversity and Bioprospecting" at the National Conference on "Bioprospecting of Plant Genetic Resources of Western Ghats" organized by St.Thomas College, Pala on Nov 22-23, 2011

### **13. Research Highlights of Faculty/Scholars (A Short Discription)**

#### **Dr. J.G.Ray**

Research Laboratory of Ecology and

Ecotechnology: Broad area soil ecology:

- algal bio-fuel,
- phytoremediation,
- algal and fungal associates of velamen roots of orchids,
- mycorrhiza
- phytoynthesis of nano-particles.

#### **Dr.M.S.Latha**

In 2011, we have mainly focused on:

- In vitro and in vivo antioxidant evaluation of medicinal plants with ethnopharmacological and nutritional importance. Viz. A. campanulatus, E. scaber, W. fruticosa, G. gummifera, P. indica, L.aspera etc.

- Anti fibrotic studies of *E. scaber*, *W. fruticosa*, *L. aspera* etc.
- Chemopreventive effect of *A. campanulatus* tuber on colon and hepatic carcinogenesis.
- Cardioprotective efficacy of *G. gummifera* on experimental rats.
- Preventive and Curative effect of *W. fruticosa* and *E. scaber* on hepatocellular carcinoma.

#### **Dr.T.R.Keerthi**

Our thrust area is development of Potential Probiotic as food ,feed and fodder for Human,Aquaculture and Poultry.We characterized four potential aquaculture probiotic Strains.Now we focusing on feed formulation using this strains and we also try to develop a collaboration with Industry.We also isolated and characterized two other potential strains,which have wide applications in food and fodder.Another area we focusing is SYNTHESIS AND CHARACTERIZATION OF MARINE YEAST POLYSACCHARIDES Marine yeasts are considered to be an important category of marine microorganisms. As a unicellular organism yeast has wide range of potential application from ancient fermentation industry to modern molecular biology.. We purified cell wall mannan and exomannan from a marine yeast *Meyerozyma guilliermondii* and were characterized by UV visible spectroscopy, HPLC, HPLC-GPC, NMR, SEM and TEM analysis. Microbial exopolysaccharides have found application in the food, pharmaceutical and other industries. The polymer types reported for yeast producers include mannans, glucans, glucomannans, galactomannans and phosphomannans. These bioactive compounds from marine environment have been shown to have many applications in gene and drug delivery. Mannan arose as a promising polymer of various biomedical applications such as surface modification of polymeric materials to improve blood compatibility, for gene and drug delivery as a carrier for quantum dots for intracellular labeling to be used as a fluorescent probe for diagnostic imaging and tissue engineering.

#### **Dr.K.Jayachandran**

In 2011, we have been concentrating mainly on formulating a novel process for the effective treatment of river drinking water. We could design one reactor and process for the same. The proposed process is effective in bringing down the extent of chlorination to a low dose level.Another area of research where we could concentrate was Microbial consortia development for mixed organic compound degradation. The mixed organic compounds selected were Xylene, phenol,Benzene and toluene. We could also initiate some works towards the topic Quorum sensing. We could screen out some isolates capable of producing both quorum sensing and anti quorum sensing molecules acting through the regulation of acyl homoserine lactones.

#### **Dr.B.Prakash kumar**

It has been possible over the last one year to establish a research laboratory dedicated to work on Lipid mediators of Inflammation. The main focus of work area has been in identifying bioactive molecules in plant extracts with potential inhibitory action on two keys enzymes Lipoxygenase and Cyclooxygenase which play a crucial role in generation of pro-inflammatory leukotrienes and prostaglandins during chronic inflammatory pathologic conditions. It has been possible to identify 8 Medicinal plants with active molecules capable of dual inhibition of LOX and COX. Work is in progress in the following areas :

- 1) To identify and structurally characterize the bioactive molecules with potential inhibitory action on LOX and COX
- 2) Application of these bioactive molecules in in vitro studies to control Rheumatoid arthritis
- 3) To identify the role of these molecules in controlling expression of pro-inflammatory markers in cell based studies.

#### **Dr.JyothisMathew**

The research is in two different areas ie, Medical Microbiology and Industrial Microbiology. Under medical microbiology studies are carried on the emerging pathogens like coagulase negative Staphylococci, Enterococci and Aeromonas Under Industrial Microbiology studies on microbial enzyme production ,purification and characterization are carried out.

#### **Dr.M.S.Jisha**

- Developed an efficient microbial consortium for kerosene degradation
- Isolated and characterized two bacteria (*P. fluorescens* and *P. putida*) and two fungi (*T. harzianum* and *T. virens*) as biocontrol and PGPR in Vanilla plants
- Isolated and characterized Three surfactant degrading bacteria from soil and studied its degradation pathway

#### **Dr.Linu Mathew**

- Micropropagation of medicinal plants – *Adhatoda vasica* and *Achyranthes aspera* and Secondary metabolite extraction
- DNA barcoding of *Clarius spp* of Kerala
- Phylogenetic studies among the members of the family Balsaminaceae
- Genetic variability analysis of *Monochoria Vaginalis* populations in coastal Kerala
- Studies on Endophytic fungal Association in Selected Ferns

#### **Dr.R.Harikumaran Nair**

- Evaluated the ameliorative effect of alpha tocopherol on monosodium glutamate (flavor enhancer) induced cardio and hepatotoxicity.
- Identified the toxicological effect of aspartame ( artificial sweetener) in liver and brain.
- Studied the protective effect of omega-3 fatty acid against arsenic trioxide induced organ toxicity.
- Evaluated the potential of astaxanthine in ameliorating the ethylene glycol induced nephrotoxicity.

#### **Dr.AnieY.**

- Change in cytokine production and gene expression in diabetes patients
- Neutrophil dysfunction during alcoholism and methods to reduce this effects mainly through dietary supplementation of immunomodulatory compounds

#### **Mrs.S.S.Resmi**

Doing Biophysical Characterization of Bacteriocin produced by Lactic Acid Bacteria



**Dr.RadhakrishnanE.K**

- Isolation, characterization and screening of endophytic bacteria from ginger and pepper for screening for the production of indole acetic acid.
- Screening marine bacterial isolates for silver nanoparticle biosynthesis.
- Studies on molecular mechanisms of biofilm formation by Coagulase Negative *Staphylococci*.

**14. Academic Achievements (A Short Discription)**

- It has been possible for the faculty contribute to developing course syllabus for Undergraduate and Postgraduate syllabus in Biochemistry, Microbiology, Biotechnology and Biophysics.
- The School was a nodal centre for Ph.D.course work in Life Sciences in2011. The course could be conducted in an appreciable manner.
- One multiple stage reactor system was designed by Dr.K.Jayachandran and his research team, for the direct online application for drinking water treatment. The technique of vermicomposting was effectively demonstrated to Athirampuzha Grama Panchayath and the field applications were initiated by the same team.
- As a member of the project implementation group Dr.B.Prakashkumar has been involved in the successful implementation of the DST PURSE Programme of the University. He is also contributing, as a Joint Director, the development and functioning of the Inter University Instrumentation Center.
- The team of Dr.Harikumaran Nair won Best paper award for the paper “Efficacy of Eicosapentaenoic acid and Docosahexaenoic acid against hepatotoxicity induced by Acute Promyelocytic Leukaemia Drug” in a National conference on Molecular Diagnostics for Sustainable Health in Biosciences and Technology, July 20<sup>th</sup> and 21<sup>st</sup>, 2011 Karunya University, Coimbatore, TamilNadu, India.
- Dr.E. K.Radhakrishnan got Selection under DBT "Rapid Grant for Young Investigators for his project proposal.
- Dr.J.G. Ray, Successfully passed the Lead Auditor (ISO 14000) course (in high ranks) of the British Standard Institution, conducted at Cochin by BSI-India
- The team of Dr. Jisha MS won the **Best poster award** (Life Science) for “Structural and biochemical characterisation of biosurfactant required for the biodegradation of the anionic surfactant linear alkylbenzene sulphonate (LAS)”.

**23rd Kerala Science Congress held on January 29-31, 2011**

**15. Student Achievements - Academic**

1. Aju Asok and Jisha MS won the **Best poster award** (Life Science) for “Structural and biochemical characterisation of biosurfactant required for the biodegradation of the anionic surfactant linear alkylbenzene sulphonate (LAS)”. **23rd Kerala Science Congress held on January 29-31, 2011**
2. Mathews and Harikumaran Nair won **Best paper award** for the paper “Efficacy of Eicosapentaenoic acid and Docosahexaenoic acid against hepatotoxicity induced by Acute Promyelocytic Leukaemia Drug” in a National conference on Molecular Diagnostics for Sustainable Health in Biosciences and Technology, July 20<sup>th</sup> and 21<sup>st</sup>, 2011 Karunya University, Coimbatore, TamilNadu, India.
3. Savitha K Koilery presented papers at International Conferences a). ACB 2011, Shangai, China b). ASIASENCE 2012 Iju, Korea

**16.Students Activities/ Achievements** –(Extra Curricular) : Nil

**17.Industry Varsity Linkage** (If any, Short Discription) : Nil

**18. Academic Tie-Ups ( if any ) Academic tie ups-** tie up with Pathology lab  
RRII, Kottayam

**19. Student Progression**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**Placement of former students in 2011**

1. Dr.Sara Chandy joined as Head of Virology Division of Pushpagiri Research Centre for Medical Sciences
2. Dr.Asha Mathew joined as Assistant Professor in BK College, Amalagiri
3. Dr.Lincy Sara Varghese joined as Assistant Professor in BK College, Amalagiri

**20. Campus Recruitment ( if any )**

: NIL

**21. Number of PhD's Awarded so far - 65 Awarded in 2011**

Sl. No.	Name	Topic of research	Year
1	Ambili P.S	Biodegradation of anionic surfactant, Sodium Dodecyl Sulphate(SDS) and analysis of metabolic biproducts	2011
2	Aju K. Asok	Bioremediation of the anionic surfactant linear alkylbenzene sulphonate (LAS ) by <i>Pseudomonas sp.</i> isolated from soil.	2011
3	Prathibha V.R.	Petroleum degrading potentials of single and mixed microbial culture isolated from Vembanad Lake and induction of genetic changes to derive an improved strain.	Thesis submitted (2011)
4	Athul Sandeep R.	Role of <i>Pseudomonas fluorescens</i> and <i>Trichoderma harzianum</i> on diseases of Vanilla in Kerala state.	Thesis submitted in (2011)
5	Aparna Balakrishna	In vitro studies on the probiotic potential of bacterial strains isolated from <i>Poecilia reticulata</i> and characterisation of (guppy) their antagonistic principles	Thesis submitted in (2011)

**22. Research Scholars Registered in the School**

No	Name	Topic	Research Guide
1.	Sajudeen P.A.	Pampa river water pollution and its possible treatment strategies.	<b>Dr.K.Jayachandran</b>
2.	Amith Abraham	Development of endophytic bacteria as potential biocontrol agent against abnormal leaf fall disease of rubber	<b>Dr.K.Jayachandran</b>
3.	Seethal Sivankutty	Acyl Homoserine lactone based Quorum sensing in bacteria	<b>Dr.K.Jayachandran</b>
4.	Dhanya V	Microbial Consortia development for the biodegradation of mixed organic compound	<b>Dr.K.Jayachandran</b>
5.	Mohammed Ashiq S	Aniline biodegradation and its possible applications	<b>Dr.K.Jayachandran</b>
6.	Binoy T Thomas	Ecology and Biodiversity of Soil Algae of Pathanamthitta District	<b>Dr.J.G.Ray</b>

7.	Dhanya Nair	Ecology of the Soil algae of Kuttanadu Wetlands	<b>Dr.J.G.Ray</b>
8.	Girish N	Soil algae of Rubber plantations in Kerala	<b>Dr.J.G.Ray</b>
9.	Chandana C	Biochemical Response of certain medicinal plants towards heavy metal stress	<b>Dr.J.G.Ray</b>
10	Santhosh Kumar K	Biomass productivity and chemical characterization of bio- oil from common green algae of Kerala	<b>Dr.J.G.Ray</b>
11	Soumya Soman	Phytosynthesis of nano particles using certain medicinal plants	<b>Dr.J.G.Ray</b>
12	Deepthy S	Algal and fungal associates on velamen roots of certain orchids	<b>Dr.J.G.Ray</b>
13	Anjali Anne Jacob	Isolation and characterization of Wild Strains of Bifidobacterium sp.	<b>Dr.T.R.Keerthy</b>
14	Savitha K. Koilery	Synthesis and Characterization of Marine Yeast Polysaccharides	<b>Dr.T.R.Keerthy</b>
15	Anu P.Sebastian	An Experimental Study of Probiotic Effects of Sporeformers	<b>Dr.T.R.Keerthy</b>
16	Chandran T.L	Isolation and characterization of Agarase Producing Bacteria	<b>Dr.T.R.Keerthy</b>
17	Resmi S.S.	Biophysical characterization of bacteriocin produced by Lactic acid bacteria	<b>Dr.T.R.Keerthy</b>
18	Glindya Bhagya Lakshmi	Biotechnological Application of Probiotics in Aquaculture-	<b>Dr.T.R.Keerthy</b>
19	Vinod Viswanath	Isolation and molecular characterization of pesticide degrading microorganism and development of microarray as tool box.	<b>Dr.M.S.Jisha</b>
20	RASHMI P A.	Micropropagation And Secondary Metabolite Production From A Medicinal Plant with Bronchodilatory Effect-	<b>Dr.Linu Mathew</b>
21	RESHMA JOHN	Micropropagation Of An economically Important Plant For A Secondary Metabolite with Larvicidal Activity-	<b>Dr.Linu Mathew</b>
22	ANEESHA DEVASSY	Molecular Characterization of Brackish Water Fauna of Kerala Using Molecular Markers	<b>Dr.Linu Mathew</b>
23	SHAJITHA P P	Micropropagation and DNA Barcoding of Medicinal Plants	<b>Dr.Linu Mathew</b>
24	SMITHA K THOMAS	Molecular charecterisation of somaclones	<b>Dr.Linu Mathew</b>
25	Sougand Paul MV.	Physiological Biochemical effects of monosodium glutamate	<b>Dr. Harikumar Nair R.</b>
26	Mathews V Varghese.	Physiological and biochemical effects of arsenic toxicity	<b>Dr. Harikumar Nair R.</b>
27	Abhilash M.	Physiological and biochemical effects of aspartame	<b>Dr. Harikumar Nair R.</b>
28	Manju Alex.	Physiological and biochemical effects of	<b>Dr. Harikumar Nair R.</b>

		ethylene glycol	<b>Nair R.</b>
29	Sagi.TM.	Latex allergy in laboratory workers	<b>Dr. Harikumar Nair R.</b>
30	Rohini Sabu	Bioactivity guided screening of endophytic actinomycetes from selected medicinal plants	<b>Dr.EK.Radhakrishnan</b>
31	Jasim B	Molecular exploration of spice associated bacteria for bioactive metabolites and PKS NRPS genes	<b>Dr.EK.Radhakrishnan</b>
32	Soumya K.R	Molecular studies on biofilms formation in coagulase negative Staphylococci	<b>Dr.EK.Radhakrishnan</b>
33	Anisha C	Metabolite profiling and mining of endophytic fungi for novel bioactive metabolites including polyketides and hybrid natural products	<b>Dr.EK.Radhakrishnan</b>
34	Roshmi Thomas	Microbial synthesis of nanoparticles	<b>Dr.EK.Radhakrishnan</b>
35	Chithra S	Bioprospecting of endophytic fungi from <i>Curcuma Amanda</i>	<b>Dr.EK.Radhakrishnan</b>
36	Asha Peter	Studies on the isolates of <i>Enterococci</i> from different sources	<b>Dr.JyothisMathew</b>
37	Suja Mathew	Studies on Bacteriocins	<b>Dr.JyothisMathew</b>
38	Akhila R.	Aeromonas spp.- Characterization of Isolates from Various Sources.	<b>Dr.JyothisMathew</b>
39	Mini K. Paul	Microbial chitinase-Isolation,Purification and Characterization	<b>Dr.JyothisMathew</b>
40	Mini K.D.	Microbial keratinase-s-Isolation,Purification and Characterization	<b>Dr.JyothisMathew</b>
41	Dhanya S.	Induction of systemic resistance in plants by <i>Pseudomonas</i>	<b>Dr. Jisha MS</b>
42	Linu M. Salim	Evaluation of biocontrol activity of phosphate solubilizing <i>Pseudomonas sp.</i> isolated from the rhizosphere.	<b>Dr. Jisha MS</b>
43	Sharrel Rebello	Ecological impact of Sodium Dodecyl Sulphate (SDS).	<b>Dr. Jisha MS</b>
44	Rishad K.S.	Isolation and Molecular characterization of Lignin degrading bacterial gene(s) from Mangrove islands in Kerala: A Genomic and Metagenomic approach.	<b>Dr. Jisha MS</b>
45	Shabana Mol S.	Bioprospecting endophytic diazotrophic bacteria for biocontrol of rice ( <i>oryza sativa</i> ) sheath blight	<b>Dr. Jisha MS</b>
46.	Ligi Jacob	Anticancer activity of selected medicinal plants	<b>Dr.M.S.Latha</b>
47.	R.Rajalekshmi	Comparative study of natural and adulterated toddy	<b>Dr.M.S.Latha</b>
48.	Sheeba.K.Oommen	Isolation and purification of hepatoprotectant from selected medicinal plants	<b>Dr.M.S.Latha</b>
49.	Jyothislakshmi M.	Studies on antimicrobial activity of Indian medicinal plants	<b>Dr.M.S.Latha</b>

50.	Latha B.	Liver protective efficacy of some selected medicinal plants	<b>Dr.M.S.Latha</b>
51.	Prabha S.P.	Studies on the cardio protective efficacy of certain medicinal plants	<b>Dr.M.S.Latha</b>
52.	Ansil P.N.	Curative and preventive effects of some commonly used vegetables and fruits on 1,2-dimethyl hydrazine induced colon cancer in rats	<b>Dr.M.S.Latha</b>
53.	Nitha Anand	A study on biological properties of <i>Woodfordia fruticosa</i>	<b>Dr.M.S.Latha</b>
54.	Jayesh Kuriakose	Effects of a medicinal plant on hepatic fibrosis and hepatocellular carcinoma	<b>Dr.M.S.Latha</b>
55.	Binil Eldhose	Anticancer studies of selected medicinal plants	<b>Dr.M.S.Latha</b>
56.	Neethi Raj P	Proinflammatory cytokine production and cytokine gene expression by human neutrophils in response to hyperglycemia and/or hyperinsulimea	<b>Dr.Anie Y</b>
57.	Anu PA	Evaluation of efficacy of anti-inflammatory bioactive molecules on cancer cell line cultures	<b>Dr.Prakshkumar B</b>
58.	Jenny Jacob	Dual inhibition of COX and LOX : screening , isolation and purification of lead compounds from plants	<b>Dr.Prakshkumar B</b>

#### **Research Scholars Registered in the year 2011:**

1. Dhanya Nair – Full time Scholar - Ecology of the Soil algae of Kuttanadu Wetlands
2. Girish N (Teacher – part-time -Pondicherry Central University) Soil algae of Rubber plantations in Kerala
3. Chandana C (Full time Scholar) – Biochemical Response of certain medicinal plants towards heavy metal stress
4. Santhosh Kumar K – Biomass productivity and chemical characterization of bio- oil from common green algae of Kerala
5. Soumya Soman – Phytosynthesis of nano particles using certain medicinal plants
6. Deepthy S (Teacher of Catholicate College Pathanamthitta) – Algal and fungal associates on velamen roots of certain orchids
7. Resmi S.S. Biophysical characterization of bacteriocin produced by Lactic acid bacteria
8. Glindya Bhagya Lakshmi Biotechnological Application of Probiotics in Aquaculture
9. Dhanya.V- Microbial Consortia development for the biodegradation of mixed organic compound
9. Mohammed Ashiq S- Aniline biodegradation and its possible applications
10. Vinod Viswanath Isolation and molecular characterization of pesticide degrading microorganism and development of microarray as tool box.
10. Rohini Sabu "Bioactivity guided screening of endophytic actinomycetes from selected medicinal plants"
11. Neethi Raj P "Proinflammatory cytokine production and cytokine gene

expression by human neutrophils in response to hyperglycemia and/or hyperinsulimea"

**23. Alumni Activities** (With e-mail and website)

Alumini meetings were conducted in association with Bioscience Day

**24. Any Other Achievements** : Nil

### 3. School of Chemical Sciences (1983)

**1. Name of the School/ Department** : School of Chemical Sciences

**2. Head of the School/Department** : Prof. Sabu Thomas

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	8 (1.LWA)	3 (1 temporary)	1 (temporary)	Nil	11
Non Teaching	11	4	2	Nil	15

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
--	--	--	M. SC Chemistry	8	23	Chemistry	4	8		3	11

**5. Student Intake**

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
--	--	--	--	--	M. SC Chemistry	4	24	4	24	Chemistry	2	9	2	9		5	8	5	8

**6. Details of Tests cleared by Students** : NIL

**7. Library**

(a) Total Number of Books : 3356

(b) Total Number of Journals : Nil

(c) Total Number of Periodicals : Nil

(d) Number of titles added during the year : 73

**8. Grants Received From**

(a) State Government

(b) Central Government : Available at Finance Branch

(c) University Grant Commission : 50 Lakhs

(d) Others - Specify

**9. Projects Undertaken** : 8 (Details Attached)

(a) Prof. Sabu Thomas (4)

(b) Prof. I. Ibnu Saud (2)

(c) Dr. Raju Francis (2)

- 10.Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** (Name wise –with details)
- (a) State Level : Not available
- (b) National Level : Not available
- (c) International Level : 3 (Prof.Sabu Thomas)
- Details are attached
- 12.Publications by the Faculty with Impact factor of the Publications** : 42  
(Dr.G.Anilkumar- Report enclosed)
- 13.Research Highlights of Faculty/Scholars** (A Short Description) : Nil
- 14.Academic Achievements** (A Short Description) : Nil
- 15.Student Achievements - Academic** (A Short Description) : Nil
- 16.Students Activities/ Achievements** –(Extra Curricular)
- (a) National Service Scheme : Nil
- (b) Arts Festivals : Nil
- (c) Sports : Nil
- (d) Games : Nil
- 17.Industry Varsity Linkage** (If any, Short Description) : Nil
- 18.Academic Tie-Ups ( if any )** : Nil
- 19.Student Progression** : Nil  
(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )
- 20.Campus Recruitment ( if any )** : Nil
- 21.Number of PhD’s Awarded so far** : Available in the P&D Section
- 22. Research Scholars Registered in the School** : Nil
- 23.Alumni Activities** (With e-mail and website) : Instituted award for highest mark scorers in M.Sc and M.Phil

**24.Any Other Achievements**

Dr.G.Anilkumar, Assistant Professor

Item 12 : Publications by Faculty with impact factor:

Sl No	Name, Year, Vol and Page No of Journal	Title	Impact Factor
1	Chemistry A European Journal, 2011, 17, 6998	Synthesis, charecterisation and application of iridium (III) photosensitisers for cvatalytic water reduction	5.476

Item :22

Sl No	Name of the Scholar	Title	Name of Guide
1	Ms. Amrutha P. Thankachan	Design, synthesis and characterization of multi component interfacial agents for homogenization of commodity polymer mixture	Dr.G.Anilkumar & Dr.Raju Francis

### List of publications

Prof. P.K. Radhakrishnan

Synthesis and structural characterization of Ni(II) complexes containing a heterocyclic NO donor ligand. Vimal kumar, P.M., Radhakrishnan. P.K. Polyhedron, 2011 (in press)

Prof. A. S. Padmanabhan

- Molecular modeling of Reacting Polymers I. Self avoiding walks, Nisha Sateesh and A. S. Padmanabhan, Submitted to Physical Review E July 7, 2010 and currently under review. Prof. Suresh Mathew
- “Enhancement of Sunlight Photocatalysis of Nano TiO<sub>2</sub> by Ag Nanoparticles Stabilized with D-Glucosamine”, Jesty Thomas, Praveen Kumar K and Suresh Mathew, Science of Advanced Materials (doi:10.1166/sam.2011.1131)
- “Thermal decomposition studies of [Ni(NH<sub>3</sub>)<sub>6</sub>]X<sub>2</sub> (X= Cl, Br) in the solid state using TG-MS and TR-XRD”, K.S. Rejitha and Suresh Mathew, Journal of Thermal Analysis and Calorimetry (DOI: 10.1007/s10973-010-1054-8).
- “Thermoanalytical investigations of tris (ethylenediamine) nickel(II) oxalate and sulphate complexes - TG-MS and TR-XRD studies”, K.S. Rejitha and Suresh Mathew, Journal of Thermal Analysis and Calorimetry (DOI: 10.1007/s10973-010-

0823 Prof. K.S. Devaki

- Synthesis of 2,3,5-trisubstituted furans from  $\alpha$ -formylaroylketene dithioacetals; K.A. Sasikala, K.A. Kalesh, E.R. Anabha, P. Madhavan Pillai, C.V. Asokan and K.S. Devaki, [Tetrahedron Letters](#), 52,1667,(2011).

Prof. Beena Mathew

- Investigation on the Effect of Extent of Ethyleneglycol Dimethacrylate (EGDMA) Crosslinking on the Specificity and Selectivity of 2,4-Dichlorophenoxyacetic Acid Imprinted Polymers, K. M. Annamma & B. Mathew, J. Macromol. Sci., Part A, (In Press).
- Design of 2,4-dichlorophenoxyacetic acid imprinted polymer with high specificity and selectivity, K. M. Annamma & B. Mathew, Material Science and Applications, 2, 130-139 (2011)

Dr. G. Anil Kumar

- Synthesis, Characterisation and application of Iridium (III) photosensitisers for catalytic water reduction. Chemistry A European Journal, 2011,17,6998.

Prof. Dr. Sabu Thomas

- [Transreactions in poly trimethylene terephthalate/bisphenol-A polycarbonate \(PC\) blends analysed by pressure-volume-temperature measurements](#) Indose Aravind, Jürgen Pionteck, Sabu Thomas, Original Research Article Polymer Testing, 31 (1) (2012) 16
- [Separation of n-hexane/acetone mixtures by pervaporation using high density polyethylene/ethylene propylene diene terpolymer rubber blend membranes](#) P.V. Anil Kumar, S. Anilkumar, K.T. Varughese, Sabu Thomas, Original Research Article. Journal of Hazardous Materials, 199 (200) (2012) 336
- Crosslinked natural rubber nanocomposites reinforced with cellulose whiskers isolated from bamboo waste: Processing and mechanical/thermal properties PM Visakh, Sabu Thomas, Kristiina Oksman, Aji P Mathew, Composites Part A: Applied Science and Manufacturing, 43 (4) 2012 753
- Effect of Cure Conditions on the Generated Morphology and Viscoelastic Properties of a Poly (Acrylonitrile-Butadiene-Styrene) Modified Epoxy–Amine System Jyotishkumar Parameswaran Pillai, Jurgen Pionteck, Rudiger Haßler, Christophe Sinturel, Viju Susan Mathew, Sabu Thomas, Industrial & Engineering Chemistry Research



- Chlorobutyl rubber nanocomposites as effective gas and VOC barrier materials, A Saritha, Kuruvilla Joseph, Sabu Thomas, R Muraleekrishnan, Composites Part A: Applied Science and Manufacturing Publisher: Elsevier
  - Thermophysical and mechanical properties of TiO<sub>2</sub> and silica nanoparticle-filled natural rubber composites AP Meera, R Tlili, A Boudenne, L Ibos, V Poornima, S Thomas, Y Candau, Journal of Elastomers and Plastics Publisher: SAGE Publications
  - Transport properties of polyester composite reinforced with treated sisal fibers PA Sreekumar, B Agoudjil, A Boudenne, G Unnikrishnan, L Ibos, M Fois, S Thomas, Journal of Reinforced Plastics and Composites 31 (2) (2012) 117
  - Transport properties of high-density polyethylene/ethylene propylene diene terpolymer blends PV Anil Kumar, S Anil Kumar, KT Varughese, Sabu Thomas, Journal of Materials Science, (2012) 1
  - Transport behavior of aromatic hydrocarbons through high density polyethylene/ethylene propylene diene terpolymer blends PV Anil Kumar, S Anilkumar, KT Varughese, Sabu Thomas, Journal of Polymer Research 19 (1) (2012) 1
- (2011)
- Studies on Stress Relaxation and Thermomechanical Properties of Poly(acrylonitrile-butadiene-styrene) Modified Epoxy–Amine Systems. Jyotishkumar P, Jürgen Pionteck, Rüdiger Haßler, Sajeew Martin George, Uros Čvelbar, and Sabu Thomas. Ind. Eng. Chem. Res., 2011, 50 (8), pp 4432–4440, Publication Date (Web): March 9, 2011 (Article). DOI: 10.1021/ie1016915
- Permeation of Chlorinated Hydrocarbon Vapors through High Density Polyethylene/ Ethylene Propylene Diene Terpolymer Rubber Blends. P. V. Anil Kumar, S. Anil Kumar, K. T. Varughese & Sabu Thomas, Journal: Separation Science and Technology.
  - Crosslinked Natural Rubber Nanocomposites Reinforced with Cellulose Whiskers Isolated from Bamboo Waste: Processing and Mechanical/Thermal Properties. Composites Part A: Applied Science and Manufacturing, In Press, Accepted Manuscript, Available online 24 December 2011, P.M. Visakh, Sabu Thomas, Kristiina Oksman, Aji. P. Mathew.
  - Electrical properties of short sisal fiber reinforced polyester composites fabricated by resin transfer molding. Composites Part A: Applied Science and Manufacturing, In Press, Corrected Proof, Available online 1 December 2011 P.A. Sreekumar, Jean Marc Saiter, Kuruvilla Joseph, G. Unnikrishnan, Sabu Thomas.
  - Natural rubber latex/potato starch nanocrystal nanocomposites: Correlation morphology/electrical properties. Materials Letters, Volume 65, Issues 23-24, December 2011, Pages 3615-3617, Emilie Bouthegourd, K.R. Rajisha, Nandhakumar Kalarical, Jean Marc Saiter, Sabu Thomas.
  - Structure-based virtual screening for plant-derived SdiA-selective ligands as potential antivirulent agents against uropathogenic Escherichia coli. European Journal of Medicinal Chemistry, In Press, Accepted Manuscript, Available online 16 December 2011 Vinothkannan Ravichandiran, Karthi Shanmugam, Anupama K, Sabu Thomas, Adline Princy
  - Cure Kinetics of Poly(acrylonitrile-butadiene-styrene) Modified Epoxy–Amine System. Jyotishkumar Parameswaran Pillai & Sabu Thomas, Journal: Journal of Macromolecular Science, Part A, Volume 48, Issue 9, September 2011, pages 751-756, Available online: 29 Jul 2011

- Influence of clay content and amount of organic modifiers on morphology and pervaporation performance of EVA/Clay nanocomposites Runcy Wilson, Toms S. Plivelic, P. Ramya, C. Ranganathaiah, M. Y. Kariduraganavar, Anil kumar Sivasankarapillai, and Sabu Thomas, *Ind. Eng. Chem. Res.*, 50 (7) (2011) 3986
- Surface-modified sisal fiber-reinforced eco-friendly composites: Mechanical, thermal, and diffusion studies Sreekumar P.A., Kuruvilla Joseph, Unnikrishnan G. and Sabu Thomas, *Polymer Composites*, 32 (2011),131
- In situ microfibrillar blends and composites of polypropylene and poly (ethylene terephthalate): Morphology and thermal properties, Karingamma Jayanarayanan, Sabu Thomas, Kuruvilla Joseph, *Journal of Polymer Research*, 18 (2011), 1
- Poly(ethylene-co-vinyl acetate)/calcium phosphate nanocomposites: Mechanical, gas permeability, and molecular transport properties P. Selvin Thomas, P. A. Sreekumar, Abi Santhosh Aprem and Sabu Thomas, *Journal of Applied Polymer Science*, 120 (4) (2011) 1974
- Yttrium barium copper oxide-filled polystyrene as a dielectric material Rosalin Abraham, Soosy Kuryan, Jayakumari Isac, Ajesh K. Zacharia and Sabu Thomas, *Journal of Applied Polymer Science*, 120 (4) (2011) 2233
- Influence of calix[2]-p-benzo[4]pyrrole on the electrochemical properties of poly(ethylene oxide)-based electrolytes for lithium batteries A. Manuel Stephan, T. Prem Kumar, N. Angulakshmi, P.S. Salini, R. Sabarinathan, A. Srinivasan and Sabu Thomas, *Journal of Applied Polymer Science*, 120 (4) (2011) 2215
- Surface-modified sisal fiber-reinforced eco-friendly composites: Mechanical, thermal, and diffusion studies, Sreekumar P.A., Kuruvilla Joseph, Unnikrishnan G. and Sabu Thomas, *Polymer Composites*, 32 (1) (2011) 131
- Natural rubber latex/potato starch nanocrystal nanocomposites: Correlation between morphology/electrical properties Emilie Bouthegourd, K.R. Rajisha, Nandhakumar Kalarical, Jean Marc Saiter, Sabu Thomas, *Materials Letters*, Volume 65, Issues 23-24, December 2011, Pages 3615-3617
- Cellulose nanocomposites with nanofibres isolated from pineapple leaf fibers for medical applications Bibin Mathew Cherian, Alcides Lopes Leão, Sivoney Ferreira de Souza, Ligia Maria Manzine Costa, Gabriel Molina de Olyveira, M. Kottaisamy, E.R. Nagarajan, Sabu Thomas, *Carbohydrate Polymers*, Volume 86, Issue 4, 15 October 2011, Pages 1790-1798
- Transreactions in poly trimethylene terephthalate / bisphenol-A polycarbonate (PC) blends analysed by Pressure-Volume-Temperature measurements Original Research Article *Polymer Testing*, In Press, Accepted Manuscript, Available online 9 September 2011 Indose Aravind, Jürgen Pionteck, Sabu Thomas.
- Rheology and pressure–volume–temperature behavior of the thermoplastic poly(acrylonitrile-butadiene-styrene)-modified epoxy-DDS system during reaction induced phase separation. P. Jyotishkumar, Jürgen Pionteck, Ceren Özdilek, Paula Moldenaers, Uroš Cvelbar, Miran Mozetic and Sabu Thomas, *Soft Matter*, 2011, 7, 7248-7256 .
- Viscoelastic and thermal properties of eco-friendly composites fabricated by resin transfer molding. P.A Sreekumar, P. Selvin Thomas, Jean Marc Saiter, G. Unnikrishnan, And Sabu Thomas. *Journal of Reinforced Plastics and Composites*, September 2011; vol. 30, 17: pp. 1509-1516., first published on September 16, 2011

Prof. I. Ibnu Saud

- Polavarappu, Prasad; Donahue, Emily; Shanmugam, Ganesh; Scalmani, Giovanni; Hawkins, Edward; Rizzo, Carmelo; Ibnu Saud, Ibrahim; Thomas, Grace; Habel, Deenamma; Sebastian, Dellamo; A single chiroptical spectroscopic method may not be able to establish the absolute configuration of diastereomers: Dimethyl esters of Hibiscus and Garcinia Acids. The journal of physical chemistry, 2011 (accepted).
- Prasad L. Polavarapu, Giovanni Scalmani, Edward K. Hawkins, Carmelo Rizzo, Neha Jeirath, Ibrahim Ibnu Saud, Deenamma Habel, Divya Sadasivan Nair and Simimole Haleema; Importance of solvation in understanding the chiroptical spectra of natural products in solution phase: Garcinia acid dimethyl ester, Journal of Natural Products, 2011, 74, 321-328.

Dr. S. Anas

- Enantioselective synthesis of 2-methyl indolines by palladium catalysed asymmetric C(sp<sup>3</sup>)-H activation/cyclisation Saithalavi Anas, Alex Cordi and Henri B. Kagan Chem. Commun., 2011, Advance Article
- Palladium Catalyzed 1,8-Conjugate Addition to Heptafulvene via Bis- $\pi$ -allyl Palladium Complexes Sholly Clair George, Sreeja Thulasi, S. Anas, K. V. Radhakrishnan, and Yoshinori Yamamoto Org. Lett., 2011 Article ASAP, DOI: 10.1021/ol202137m

Dr. Raju Francis

- Poly(N-isopropylacrylamide) Hydrogel: Effect of Hydrophilicity on Controlled Release of Ibuprofen at Different pH. Raju Francis, Deepa K. Baby and D. Sakthi Kumar J. Appl. Poly. Sci. 2012, 124 (6), 5079-5088.

#### Projects Undertaken by Faculties

Dr. Sabu Thomas	Development of Nano Structured Polymer Blends 2008-2011	DBT	50
Dr. Sabu Thomas	Development of Nano Nano clay epoxy liquid rubber composites 2008-2011	UGC	8
Prof. Sabu Thomas	Development of Membrances for zero gas transport 2009-2012	DST	40
Prof. Sabu Thomas	Development of Carbon Nano tube filled natural rubber latex Nano composites 2009-2012	GC-DAE Indore	7
Dr. Raju Francis.	Synthesis And Applications Of Star Block Copolymers, Dendrimers And Star Gel Containing Biocompatible Block. 2007-2011	CSIR	13.23
Dr. Raju Francis	Tuning the properties of stimuli sensitive copolymers- A step towards purification of water. 2009-2012	DST	28.35
Dr. I. Ibnu Saud	University centre for guiding innovative research and development and protecting Intellectual Property Rights (UCIPR). 2008-2011.	Under President's Mission in the State Plan	40.0
Dr. I. Ibnu Saud	NMR Facility Under IRHPA 2009-2011	DST	155.00

#### Seminar Conducted by faculties

Prof. Sabu Thomas

- First international conference on Composites and Nanocomposites, ICNC-2011
- Second international conference on Recycling and Reuse of materials, ICRM-2011

- First international conference on Plasma Processing of Organic Materials and Polymers, PPOMP-2011

## 4. School of Computer Sciences (1990)

### Conference on Computing Paradigms and Bio-informatics (CPBI 2012)

Conference on Computing Paradigms and Bio-informatics(CPBI 2012) organised by School of Computer Sciences was inaugurated by Prof.(Dr.) Rajan Gurukkal, Honourable Vice Chancellor, Mahatma Gandhi University on 17th January, 2012. Prof.(Dr.) Achuth Sankar S.Nair, Director, State Inter University Center of excellence in Bio-Informatics, University of Kerala delivered the keynote address on “Computing in New Biology”. Dr. R Vijayakumar, Professor & HoD, School of Computer Sciences presided over the function. Prof. Mahesh .C, FISAT, Angamaly, Dr. Radhakrishnan E K, School of Bio Science, Mahatma Gandhi University and Prof. Sajimon Abraham, School of Management studies , Mahatma Gandhi University felicitated the conference. Mrs. Bindu V. R, Associate Professor, School of Computer Sciences delivered the welcome speech and Mrs. Anuj Mohammed, Associate Professor, School of Computer Sciences proposed vote of thanks.

Technical Sessions included “High Performance Computing Paradigms”, by Prof. Mahesh C. FISAT, Angamaly

Research papers from various areas of computing and communication were presented in the conference. The paper presentation sessions were chaired by experts including Prof.(Dr.) Achuth Sankar S.Nair, Director, State Inter University Center of excellence in Bio-Informatics, University of Kerala, Prof. M. T. Rajappan Pillai, RIT, Kottayam, Prof. Sajimon Abraham, School of Management Studies, Mahatma Gandhi University and Prof. (Dr.) Gladston Raj, Govt. Arts & Science College , Nedumangad, TVM.

The conference concluded on 18th with a valedictory session presided over by Dr. R Vijayakumar, Professor & HoD, School of Computer Science. Prof.(Dr.) Rajan Varughese, Pro-Vice Chancellor, Mahatma Gandhi University delivered the valedictory address and gave away the certificates. Mrs. K P Pushpalatha, Assistant Professor, School of Computer Sciences proposed vote of thanks.

### List of Publications – 2011

#### a) Books

Computing and Communication, Editor: R Vijayakumar,  
Publisher: Narosa Publications, New Delhi, Year: 2011

#### b) Papers

1. Unnikrishnan G, R Vijayakumar, “Raga Recognition using Self-Organising Feature Maps”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012.

2. Rajkumar, K,K, “ Classification of Mammogram Images Using stationary Wavelet Decomposition “, NCCC 2011 , School of Computer Science, Mahatma Gandhi University, Kottayam
3. Mini.T,V, Sunil sunny, Vijayakumar,R, “ Measure Web page Similarity with Hyperlink Transitivity to retrieve relevant Web Pages “ , National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011.
4. K K Benazir, R Vijayakumar, “Robust Enhanced Algorithm for Fingerprints”, International Conference on Global Computing (ICGC), March, 2011 ID No: Comp-13.
5. Unnikrishnan G, “Extraction of Musical Notes from sound signals for identification of Carnatic Ragas”.,National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011.
6. Praveen Sivadasan, P Sojan Lal , “Preserving Business Logic Confidentiality of Static Stored Procedures of Java Applications by Data Hiding Obfuscation”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
7. Sunil Sunny Chalakkal, Mini T V, R.Vijayakumar “Data Mining Application in Banking: using Clustering Algorithm Design”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
8. C.Z.Geevar, P.Sojan Lal, “A Transformation Invariant Method for Fingerprint Classification”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
9. Sobhana Mari S, G Raju, “Performance Comparison of SVM and MLP Classifier for Recognizing Handwritten Tamil Characters”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
10. Anju Prathap, R Vijayakumar, “Connectionist based CBR for Intelligent Medical Diagnosis ”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
11. Benazir. K.K, “Non Minutiae based Fingerprint matching”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
12. Shyam Kumar .K, G Raju, “Data Clustering Using K-Means Algorithm A Review on Novel Approaches”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
13. Pushpalatha.K.P, G.Raju “Effects of Distributional Features in Text Document Retrieval”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
14. Kiran V.K, R Vijayakumar, “Sequence Analysis with Artificial Neural Networks”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
15. Sherin Mathew, R. Vijayakumar, “A Comparative Study on Off-line Handwritten Malayalam Script Recognition Using Neural Network”, Conference on computing Paradigms and Bio-informatics (CPBI 2012), SOCS, MG University, January, 2012
16. Anju Prathap, R Vijayakumar “Agent based Multi Expert Synthesis System for the Diagnosis of Communicative and Cognitive Disorders in children”, National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011

17. Jeeva Jose, P. Sojan Lal, "Spamdexing: The need for intellectual property protection", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
18. Shameem Kappan, R Vijayakumar, "Development of a framework for protection of multimedia content over wireless networks by biometrics-based scalable encryption", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
19. Muhamed Ilyas, "Location privacy in location based services", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
20. Sobhana Mari S, G. Raju, "Performance comparison of different thinning algorithms on offline handwritten Tamil character recognition", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
21. Praveen Kumar B T, "Adaptive median filter based on homogeneity level information", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
22. Kiran V.K., Sushama G. "VHCC - Virtual hybrid compiler for cross platforms", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
23. Mini T.V., Sunil Sunny, R. Vijayakumar, "Measure web page similarity with hyperlink transitivity to retrieve relevant web pages", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011
24. Sajimon Abraham, P. Sojan Lal, "Spatio-temporal queries and triggers in moving object databases with advantageous of dimension reduction", National conference on computing and Communication (NCCC 2011), SOCS, MG University, May 2011

### **National Conference on Computing and Communication (NCCC 2011)**

National Conference on Computing and Communication (NCCC 2011) organised by School of Computer Sciences was inaugurated by Prof.(Dr.) Rajan Gurukkal, Honourable Vice Chancellor, Mahatma Gandhi University on 26th May 2011. Prof.(Dr.) S.K Sinha, CEDT, IISC, Bangalore delivered the keynote address on "A brief History of Computing". Dr. R Vijayakumar, Professor & HoD, School of Computer Sciences presided over the function. Prof.(Dr.) K.S Mohanachandra Panicker, Dean (Planning & Research), FISAT, Angamaly and Prof. (Dr.) varghese Paul, CUSAT felicitated the conference. Mrs. Bindu V. R, Associate Professor, School of Computer Sciences delivered the welcome speech and Mrs. Anuj Mohammed, Associate Professor, School of Computer Sciences proposed vote of thanks.

Technical Sessions included:

1. "KERA - A new Language for Synthetic Biology" by Prof.(Dr.) Achuth Sankar S.Nair, Director and Sri.Umesh, Lecturer, State Inter University Center of excellence in Bio-Informatics, University of Kerala
2. "Machine to Machine Communication" by Prof.(Dr.) K.S Mohanachandra Panicker, Dean (Planning & Research), FISAT, Angamaly
3. "Cloud Computing" by Prof.(Dr.) Poulouse Jacob, Dept.of Computer Science, CUSAT

Research papers from various areas of computing and communication were presented in the conference. The paper presentation sessions were chaired by experts including Prof.(Dr.) Achuth Sankar S.Nair, Director, State Inter University Center of excellence in

Bio-Informatics, University of Kerala, Prof. (Dr.) varghese Paul, CUSAT, Prof.(Dr.) K. V. Pramod, Dept. of Computer Applications, CUSAT, Prof. M. T. Rajappan Pillai, RIT, Kottayam and Prof.(Dr.) B.Kannan, Dept. of Computer Applications, CUSAT

The conference concluded on 27th with a valedictory session presided over by Dr. R Vijayakumar, Professor & HoD, School of Computer Science. Prof.(Dr.) Rajan Varughese, Pro-Vice Chancellor, Mahatma Gandhi University delivered the valedictory address and gave away the prizes for best paper and certificates of participation. Mrs. K P Pushpalatha, Assistant Professor, School of Computer Sciences and Technical Chair of NCCC 2011 proposed vote of thanks.

### **Seminars/Workshops conducted in 2011**

Seminar on Computational Intelligence, Robotics and Autonomous Systems was conducted on 03-01-2012 at School of Computer Sciences, M G University.

- Dr. Prahlad Vadakkeppatt, National University of Singapore was the resource person. Dr. R Vijayakumar, Professor & HOD, SOCS presided over the function

Prof. Vadakkepat, an Associate Professor at the National University of Singapore is the founder secretary of the Federation of International Robot-soccer Association [FIRA] and currently its General Secretary. He is the founder director (2004) to an entrepreneurial start-up “Robhatah Robotic Solutions” in Singapore. His initiative among others includes an international conference on Computational Intelligence, Robotics and Autonomous Systems which is being held successfully since 2001. He was the general chair to the FIRA RoboWorld Cup and Congress Singapore 2005. He was the General Program Chair to the FIRA Robot World Congress Incheon 2009 and the General Chair to the FIRA Robot World Cup and Congress Bangalore 2010.

Prof. Vadakkepat is an associate editor of the International Journal of Humanoid Robotics. His Humanoid robots and robot soccer teams have consistently won several international prizes.: First prize and overall championship in Humanoid robot soccer at the FIRA Robot World Cup (Germany 2006, Singapore 2005 and Austria 2003), First Prize (open category) in Singapore Robotic Games (2004) and Second prize in FIRA 2004 (first Prize was won by a robot sold by his start-up Robhatah).

He is a member of the CII National Committee on Robotics, Confederation of Indian Industries since 2009. He is a Senior Member of IEEE (USA, since 2005). He was elected as the Secretary to the IEEE Singapore Section for the year 2005. He has served as Technical Activity Coordinator to the IEEE Region 10 (Asia-Pacific) in 2001-2002. He is also a Fellow of the Institute of Electronics and Telecommunications Engineers (IETE), India. He is actively involved in various technical forums including conferences, symposia and robotic competitions. He has been featured in several prominent newspapers and TV shows in India, Singapore, USA, Korea, Japan, Spain, Kuwait, Dubai, Qatar, Bahrain, France and China. His name is included in the 2006 Marquis Who is Who in the World.

Prof. Vadakkepat received his M.Tech and Ph.D. from Indian Institute of Technology Madras, in 1989 and 1996 respectively. While pursuing Post-Doctoral studies at the Korea Advanced Institute of Science and Technology (KAIST, 96-98), he was awarded the Korea Science and Engineering Foundation (KOSEF) fellowship. Since 1999, he is with the National Univ. of Singapore. His research interest include Distributed robotic systems, Humanoid robotics, Biomorphs, Neuro-Fuzzy Controllers and Intelligent Control techniques and, has publications in several leading international journals.

### Other Seminars

- Seminar on Research Methodology – Session V ('K-Sample Test') conducted on 12<sup>th</sup> May, 2011 by Ms. Renju S Kartha
- Talk on 'Rough Set Theory and Data Mining' – Session I conducted on 11th May, 2011 by Mr. Sabu M K, MES, Marampally
- Seminar on Research Methodology – Session IV conducted on 10<sup>th</sup> May, 2011
- Seminar on Research Methodology – Session III conducted on 5<sup>th</sup> May, 2011
- Seminar on Research Methodology – Session II conducted on 4<sup>th</sup> May, 2011
- Seminar on Research Methodology – Session I conducted on 3<sup>rd</sup> May, 2011
- Seminar on 'Digital Image Processing' conducted on 07-04-2011. Resource Person: Mr. Rajkumar, Dept. of Information Technology, Kannur University
- Workshop on Teaching Learning Process for Teachers, Research Scholars and Students of School of Computer Sciences conducted on **06-04-2011**, (Resource Person: Dr. R Vijayakumar, HOD, School of Computer Sciences)
- Course work for research scholars (January, 2011 admission) started on **04-04-2011**

A one day workshop on Teaching Learning Process was conducted at the School on **6-04-2011**. Dr. Rajan Gurukkal, Honourable Vice-Chancellor, Mahatma Gandhi University inaugurated the workshop. The resource person of the workshop was Dr. R Vijayakumar, Professor & HOD, School of Computer Sciences.

## 5. School of Distance Education (1989)

The School of Distance Education at present serves the Off Campus Programme, Private Registration and the Traditional Distance Stream.

During this year School of Distance Education has 76 Off Campus Centres – Regional Centres, National Centres and International Centres. Through these centres we are serving Nine (9) UG Courses and Ten (10) PG Courses for 19593 students.

Private registration system in this year is providing Two (2) UG and Three (3) PG courses with a total intake of 45752 students.

The traditional distance system of SDE serves mainly the Certificate and Diploma Courses.

Two major student support services are provided during the current year. Self learning materials are provided to all the students of the Off Campus Programme. Admissions and student registration and the related works were fully automated.

## 6. School of Environmental Sciences (1995)

- 1. Name of the School/ Department** : School of Environmental Sciences  
(With e-mail and website) Email : [sesmgu@gmail.com](mailto:sesmgu@gmail.com)  
Website : [www.sesmgu.org](http://www.sesmgu.org)



**2. Head of the School/Department** : Dr. E.V. Ramasamy

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	Nil	Nil	Nil	4
Non Teaching	5	2	Nil	Nil	7

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
Nil			M.Sc. Env. Sc. & Mgnt	3	7	Environment Management	2	6	Faculty of Env. & Atm. Sc.	2	1
Nil			M.Sc. Env. Sc. & Dis. Mgnt	4	6						

**5. Student Intake**

Intake, those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
Nil					M.Sc. Env. Sc. & Mgnt	5	5	5	5	Env. Mgnt	2	6	2	6						
Nil					M.Sc. Env. Sc. & Dis. Mgnt	2	8	2	8											

**6. Details of Tests cleared by Students** : Nil

**7. Library**

- (a) Total Number of Books : 5260  
 (b) Total Number of Journals : 11  
 (c) Total Number of Periodicals : 12  
 (d) Number of titles added during the year : 90

**8. Grants Received From**

**(a) State Government :**

- (i) Project undertaken by C.T. Aravindakumar, Professor SES  
 ‘ Sonochemical degradation of organic water pollutants’  
**KSCSTE -- Rs.14.5 Lakhs**
- (ii) Grants received from Department of Environment and Climate Change  
 – DoECC (Then EMAK) as financial support for conducting  
**World Environment Day - 2011 -- Rs.0.15 lakhs**
- (iii) Grants received from **KSCSTE** as financial support for conducting  
**National Science Day - 2011 - - Rs.0.10 lakhs**

**(b) Central Government :**

- (i) For the Disaster Risk Vulnerability Conference, March 13 -15, 2011
  - Department of Science and Technology – **Rs.1.0Lakhs**
  - Ministry of Earth Sciences – **Rs.2.0 Lakhs**
  - National Disaster Management Authority – **Rs.0.5 Lakhs**
- (ii) Projects undertaken by Dr. C.T. Aravindakumar, Professor
  - Radiation and photochemical studies chitosan modified polycyclicaromatic hydrocarbons **BRNS** – **Rs. 15.0 Lakhs**
- (iii) Radiation Induced Modification of Some Pyrimidine Nucleosides and Nucleotides **DAE-IUC** – **Rs. 4.0 Lakh**

**(c) University Grant Commission :**

- (i) Special Assistance for Purchase of Lab equipment -- **Rs. 13.0 Lakhs**

**(d) Others - Specify**

-- Nil

**Total Grants Received durin the year 2011**

-- **Rs.50.25 Lakhs**

**9. Projects Undertaken**

- (a) 'Radiation and photochemical studies chitosan modified polycyclicaromatic Hydrocarbons' by Dr. C.T. Aravindakumar, funding agency **BRNS**  
-- **Rs. 15.0 Lakhs**
- (b) 'Radiation Induced Modification of Some Pyrimidine Nucleosides and nucleotides' by Dr. C.T. Aravindakumar, funding agency **DAE-IUC**  
-- **Rs. 4.0 Lakhs**
- (c) 'Sonochemical degradation of organic water pollutants' by Dr. C.T. Aravindakumar, funding agency **KSCSTE** -- **Rs. 14.5 Lakhs**

**10.Seminars Conducted**

- (a) State Level -- Nil
- (b) National Level – 01 Disaster Risk Vulnerability Conference, March 13 -15, 2011 (Convenor : Dr A.P.Pradeepkumar)
- (c) International Level -- Nil

**11. Seminars Conducted by Faculty (Name wise –with details)**

- (a) State Level -- Nil
- (b) National Level – Dr. A.P. Pradeep Kumar, Disaster Risk Vulnerability Conference, March 13 -15, 2011
- (c) International Level : Nil

**12. Publications by the Faculty with Impact factor of the Publications (A Short Description)**

**Research papers in Journals [Total : 07]**

1. V.M. Manoj, Usha K. Aravind, Hari Mohan, **C, T. Aravindakumar** Reaction of hydroxyl radicals with S-nitrosothiols: Formation of thiyl radical (RS•) as the intermediate, *Res. Chem. Intermed.*, **2011**, **37**, 1113-1122. **Impact Factor – 0.715**
2. Ajaykumar B., Sreedharan K., **Mahesh Mohan.**, Joby Paul., A.P. Thomas., Nair P. K. K. Evaluation of the Holocene environmental changes of the Southwest coast, India: a palaeo-palynological approach, *Journal of Earth System Science (Springer)* (Accepted). **Impact Factor – 0.941**
3. Rogimon P. Thomas, Joby Paul, Rameshan M., N. Hari and **Mahesh Mohan** , Ecological distribution mapping of the genus *Vitex* in Kerala State, *Actabiologica*. (ACCEPTED).

4. **Mahesh Mohan**, M.S. Shylesh Chandran, **E.V.Ramasamy**. (2011). Vulnerable earthworm species identified from Nilgiri Biosphere Reserve, International Journal of Zoological Research.
5. **Mahesh Mohan**, Deepa, M., **E.V. Ramasamy** and A.P. Thomas. 2011. Accumulation of mercury and other heavy metals in edible fishes of Cochin backwaters, Southwest India. *Environmental Monitoring and Assessment*. DOI 10.1007/s10666-011-2258-5, **Springer (in press)**. **Impact Factor – 1.436**
6. Ajaykumar B., P.S. Rakesh, **Mahesh Mohan**, K.S.Unni and A.P.Thomas. (2011). Interpretation of the quantitative geomorphology of the Meenachil river basin, Kerala, South India using remote sensing and geographical information system. *Ecology, Environment and Conservation*, 17(2): 297-311.
7. Ajaykumar B., **Mahesh Mohan**, M.K. Renjith, K.S. Unni and A.P. Thomas. (2011). Holocene morphological modification of southwest coast of India: Evidence from the palaeo-deposits of Meenachil river basin, Kerala. *Ecology, Environment and Conservation*, 17(2): 313-324.

#### **As Book Chapters [Total : 04]**

1. Ajaykumar B., Shijo Joseph, **Mahesh Mohan**, Nair P.K.K., Unni K.S and Thomas A.P. (2011) Implications for the Evolution of Southwestern Coast of India: A Multi-Proxy Analysis Using Palaeodeposits. In Alisa N. Souter (Editor), *Encyclopedia of Environmental Research*, Nova Publishers
2. Ajaykumar B., Shijo Joseph, **Mahesh Mohan**, Nair P.K.K., Unni K.S and Thomas A.P. (2011) Implications for the Evolution of Southwestern Coast of India: A Multi-Proxy Analysis Using Palaeodeposits, in Julian R. Crane and Ashton E. Solomon (Editors) 'Estuaries: Types, Movement Patterns and Climatological Impacts', *Nova Publishers, New York*.
3. B. Ajaykumar, Shijo Joseph, P. C. Abhilash, **Mahesh Mohan**, K. Anitha and A. P. Thomas (2011) 'Fossil Wood: A Key to the Past', In Lorenzo F. Botannini (Editor) 'Wood: Types, Properties, and Uses', *Nova Publishers, New York*.
4. **Sylas V.P.**, John C.M., Joby Paul, Unni K.S Thomas A.P. & **Ramasamy E. V.** (2011). Documentation and Distribution of aquatic plants in relation with certain environmental variables of Kuttanad wetland ecosystem, Kerala. In : Biodiversity Documentation and Taxonomy - A. Bijukumar (Ed.). Narendra Publishing House, New Delhi. Chapter 42: 379 – 393.

#### **Papers presented in International and National Seminars : [ Total : 14 ]**

1. B. Ajaykumar, M. S. S.Chandran, K. Sreedharan, **Mahesh Mohan** and A. P. Thomas, (2011) Holocene environmental modifications along the southwest coast of India : as inferred from the multiproxy analysis of palaeodeposits of Meenachil River, Kerala, India, Presented in the International conference, Lucknow.
2. Toms Augustine, Shyleshchandran M S, Jayasooryan K K, **Mahesh Mohan** and **E.V. Ramasamy**. Fractionation and bioavailability of mercury and cadmium in the sediments of Cochin estuary. 3<sup>rd</sup> INTGC 2011, CWRDM, Kozhikode.
3. **Sylas V.P.**, John C.M., Thomas A.P., Ramasamy E.V. & Unni K.S. (2011). Distribution of aquatic macrophytes in Kuttanad wetland ecosystem – A multivariate approach. 23<sup>rd</sup> Kerala Science Congress, CESS, Thiruvananthapuram.
4. Fractionation and bioavailability of mercury and cadmium in the sediments of Cochin estuary, Kerala. Toms Augustine, Shylesh Chandran M S, Jayasooryan K K, **Mahesh Mohan** and **Ramasamy E V.** Third International Geography Congress, 6 – 8 May 2011, CWRDM, Kozhikode, Kerala, India.

- **Arun Babu V.**, Shamili, V.K., **E.V. Ramasamy**. 2011. Phytoremediation of Landfill leachate in horizontal subsurface flow constructed wetlands planted with *Limnocharis flava* (L.) Buch. International conference on climate change, forest resources and environment, 9-11 December 2011. Organised by department of environmental sciences, University of Kerala, Thiruvananthapuram.
- Sajith Kumar K.J., **Arun Babu V.**, **Ramasamy, E.V.** 2011. Di-phasic anaerobic digestion of municipal solid waste using acid phase fermenters coupled with common biogas plants with coconut husk as biofilm support systems. 23<sup>rd</sup> Kerala Science Congress, 29-31 January 2011. (ISBN 81-86366-74-1).
- **Brilliant Rajan**, Vincy Mary Varghese, Joby Paul, Toms Augustine, Prasanth Narayanan S. and **Pradeepkumar A. P.** (2011). Environmental risk assessment & vulnerability analysis of tourism in a high altitude destination in Kerala, South India. Disaster, Risk and Vulnerability Conference held at School of Environmental Sciences, Mahatma Gandhi University, Kottayam. March 12-14, 2011.
- Sreekanth N.P, Babu Padmakumar, Shanthi Prabhav, **A.P Thomas** (2011) An investigation of soil carbon sequestration potential of different land uses from a climate change perspective, international conference on Biodiversity and climate change, West Bengal.
- Sreekanth N.P, Babu Padmakumar, Shanthi Prabha V, **A.P Thomas** (2011) Role of multiple land use categories in soil carbon sequestration, Indian forestry congress, New Delhi.
- Shanthi Prabha V , Sreekanth N.P, Babu Padmakumar, **A.P Thomas** (2011) The trilemma of soil carbon degradation, climate change and food insecurity. Disaster, risk and vulnerability conference, Kerala.
- **Rameshan, M.**, Toms Augustine, **Ramasamy, E.V.** Habitat Usage and Ranging Pattern of Asian Elephants (*Elephas maximus*) in fragmented forest areas and plantations in the Munnar landscape, Southern Western Ghats. **Indian Forestry Congress 2011. 22 – 25<sup>th</sup> November 2011.** Organized by Indian Council of Forest Research and Education. ICFRE.
- 12. **P. Padma, E.V. Ramasamy**, Muralivallabhan T V and A.P Thomas , ‘*Sustainable Consumption For Healthy Environment*’ Two day National Seminar on Healthy life style, 29-30 March 2011, M. G University, Kottayam.
- 13. **P. Padma, E.V Ramasamy**, Muralivallabhan T V and A.P Thomas , ‘*Eco Schools crafts Local solution to Global Climate change* ’ Two day National Seminar on Climate change and India: a Gender Disaggregated approach, B.K. College, Department of economics, 25-26 August 2011, M. G University, Kottayam
- 14. **P. Padma, E.V Ramasamy**, Muralivallabhan T V and A.P Thomas , ‘*Education for Sustainable Consumption : Need of the Hour*, Three days National Seminar on Higher educational Challenge sand Prospects, 13,14,15 December 2011, Kannur University, Kerala.

### **13. Research Highlights of Faculty/Scholars (A Short Discription)**

#### **Dr. E.V. Ramasamy, Director**

Actively involved in externally funded research projects besides guiding the Mphil and PhD scholars research programmes. The areas of research focused include : Chemical transformation and bioaccumulation of mercury in Vembanad wetland and Cochin near shore areas’ (MoES funded research project , 64.39 Lakhs); . ‘ National vegetation carbon pool assessment ’ ( Department of Space, GOI funded 5.12 lakhs ) – a prestigious National project undertaken in collaboration with ISRO, Department of Space, GOI . Other areas of research are : Waste management , Phytoremediation, Phycoremediation and Bioenergy.

**Dr. C.T. Aravindakumar, Professor**

□ **Advanced Oxidation Process (AOP) for the degradation of Environmental Pollutants:** AOPs make use of the involvement of a highly oxidizing species like hydroxyl radical and its subsequent oxidative degradation reaction with organic water pollutants (mainly triazines, endosulfan derivatives and substituted phenols). Ultrasound, photolysis and radiolysis are generally being used.

□ **Development of nanomembrane based Environmental Sensors for pollutants:**

Nanomembrane fabricated from biopolymers that have intrinsic fluorescence can sense air pollutants such as hydrogen peroxide upto pico molar concentrations. Ovalbumin immobilized nanomembranes is too promising in sensing mercury and nitro compounds as well.

□ **Membrane technology for water purification:** Multilayer nano-membranes (biodegradable synthetic membranes) are prepared using polyelectrolytes. Textile and papermill effluents can be treated with such membranes for removing color and COD. This is expected as a superior technology compared conventional methods.

□ **Cloud mimic reactions on degradation of pollutants:** Iron complexes (ferric hydroxyl complexes) on sunlight irradiation can produce the powerful oxidizing radical (hydroxyl radicals) in clouds. This may lead to the degradation of many organic pollutants in the atmosphere. Similar reactions are mimicked in the laboratory.

□ **Radiation and Photo- induced modifications of DNA and related compounds:**

The genetic material, DNA, undergoes constant damages due to both internal and external factors. It undergoes nearly 10,000 damages in human body every day. Radiation induced damages are due to direct deposition of energy and to indirect effect from water derived free radicals. We investigate the damage induced by both low LET and high LET radiation using steady state and pulse radiolysis techniques. Photochemical changes are also being studied. Charge transport in DNA is another important phenomena which is extensively being investigated in our group using Femtosecond spectroscopy.

**Computer based theoretical calculations for free radical reactions:** A great deal of information on the probable reaction sites and energy channels in the free radical chemistry of organic compounds can be obtained using Density Functional Theory (DFT) based theoretical calculations. The DFT calculations are carried out with Gaussian 03 suite of programs by employing B3LYP method using the 6-31+G(d,p) basis set.

**Dr. Mahesh Mohan, Assistant Professor**

**Heavy Metal pollution:** Geochemistry of mercury and other heavy metals in the aquatic ecosystems of Kerala particular to the Vembanad lake. Studies on bioaccumulation and biomagnifications of toxic pollutants are also the part of research

**Dr. Syllas V.P., Assistant Professor**

**A. Wetland ecology:** Studies on the basic ecology and environmental variables of wetlands are essential for its management and effective planning. At present, the School gives special attention to the research on the environmental status of Kuttanad wetland ecosystem, Kerala. Water quality, sediment quality, heavy metal, pesticides, phyto and zooplankton etc. are the specially focused area.

**a. Biofuel production using microalgal species:** Microalgae, a group of photosynthetic microorganism have shown a great possibility for the production of biofuels because of their high oil content and rapid biomass production. Different species of microalgae from the Kuttanad wetland ecosystem were isolated and cultured in open pond and specially designed photobioreactors for the evaluation of biofuel production.

**B. Invasive alien species:** Both aquatic and terrestrial invasive plants posing serious threat to the local biodiversity. The distribution, abundance and impacts (ecological and economic) of these invasive species are very urgent for the effective management of natural resources.

**14. Academic Achievements (A Short Description)**

(i) Dr. C.T. Aravindakumar, Professor of SES has become the invited member of the Global Panel of Environment and Governance Expert, UNDP, Oslo for the Oslo Governance Forum (section: UNREDD).

(ii) Dr.E.V.Ramasamy, Director, SES has been included as a member in the Technical Committee formed for the evaluation of Indigenous waste treatment technologies, by Suchitwa Mission, Govt. of Kerala. Also served as Member PG Board of studies in University of Kerala and in Bharathidasan University, Tiruchirappalli, Tamil Nadu.

**15. Student Achievements - Academic (A Short Description)**

**Mr. Joby Paul, Research Scholar** identified a new species of plant from Mathikettan Shola, Idukki and named as '*Murdannia satheeshiana* (The new species named for the loving commemoration of Dr. Satheesh, Reader, SES)

**Mr. Rameshan M.M., Research Scholar** attended the Three months **training** programme on **GIS and Remote sensing Techniques and applications** conducted by the Training Division **National Remote Sensing Centre (NRSC)**, ISRO Hyderabad from 8th November 2010 to 28<sup>th</sup> January 2011.

**Research papers published by the research scholars and students in Journals**

1. Santhosh Nampy and **Joby Paul** (2011) *Cyanotis racemosa* (Commelinaceae), a new record for India. *Rheedea* Vol. 21(1) 8-9.

2. Joby Paul, Nisha P, **Rameshan M**, Toms Augustine, Rogimon P Thomas and K. Shankaran Unni (2011). *Murdannia satheeshiana*—a new species of Commelinaceae from the Western Ghats, India. *Phytotaxa* 22: 41–46

3 **Brilliant Rajan**, Vincy Mary Varghese and Pradeepkumar A. P. (2011). Recreational Boat Carrying Capacity of Vembanad lake Ecosystem, Kerala, South India. *J. Environmental Research, Engineering and Management*, **56**(2): 11-19.

4. Krishna M.P, **Rinoy Varghese**, Devi K. Balan Harsha H.T and A.A. Mohamed Hatha. 2011. Multiple Antibiotic Resistance Profile of Soil Bacteria Isolated From Mahatma Gandhi University Campus, Kottayam, Kerala. **Asian journal of Microbiology, Biotechnology and Environmental Sciences.**

5. **Narayanan, S.P.**, Thomas, A.P. and Sreekumar, B. 2011. Ornithofauna and its conservation in the Kuttanad wetlands, southern portion of Vembanad-Kole Ramsar Site, India. *Journal of Threatened Taxa* 3(4): 1663-1676.

6. **Maya George**, Clittin Baby, Jiss Vincent and Mohamed Hatha ( 2011). Heavy metal tolerants of various bacterial isolates from the Kumarakom region of Vembanad lake. *Pollution Research* 30(3): 293 -298.

7. **Maya George**, Neethu Cyriac, Aswathy Nair and Hatha A.A.m (2011). Diveristy of *Bacillus* and *Actinomycetes* in the water and sediment samples of Kumarakom region of Vembanad lake. *Indian Journal of Geo-Marine Sciences* 40 (3): 430-437.

**Book Chapters**

1. **Maya George** and Mohamed Hatha A.A. (2011). Diversity and distribution of *Bacillus* strains form the water samples of a tropical wetland ecosystem. . In : Biodiversity Documentation and Taxonomy - A. Bijukumar (Ed.). Narendra Publishing House, New Delhi. Chapter 14: 117-125.

**Papers presented in International and National Seminars :**

1. Krishna M.P, Rinoy Varghese, **Arun Babu V** and A.A. Mohamed Hatha. 2011. Heavy metal contamination and multiple metal resistance patterns of bacterial isolates from Eloor-Edayar industrial belt, Kerala, International Conference on Environmental Gene Health and Diseases, 9-11 December 2011. Organised by Bharathiyar University, Coimbatore, Tamilnadu.
2. Krishna M.P, **Rinoy Varghese**, Daniya M. Thomas and A.A. Mohamed Hatha. 2011. Analysis of Multiple Antibiotic Resistance in Bacterial Isolates from Eloor-Edayar Industrial Belt, Kerala. **International Seminar** organized by NEA and Kerala University.
3. Krishna M.P, **Rinoy Varghese**, Arun Babu V and A.A. Mohamed Hatha. 2011. Heavy Metal Contamination and Multiple Metal Resistance Patterns of Bacterial Isolates From Eloor-Edayar Industrial Belt, Kerala, **International seminar** Organised by Bharathiyar University, Coimbatore, Tamilnadu.
4. **Rinoy Varghese**, Suchithra R, Nishamol S. and A.A.M Hatha. 2011. A Relative Study of The Spatiotemporal Variations of Microbial Population in Shola and Grassland Soils of Tropical Montane Forest – Kerala: Influence of Important Soil Physicochemical Characteristics and Nutrients. **First Indian Forestry Congress**, Organised by Indian council of Forestry research and Education, Delhi.
5. **Rinoy Varghese** and A.A.M Hatha. 2011. Significance of Soil Microorganisms with Special Reference to Climate Change. **International Conference on Environmental Research**, Surat, Gujarat.
6. **Rinoy Varghese** and A.A.M Hatha. 2011. Bacterial Biodiversity: An ecological Perspective. **International Seminar on Bioresources and, Human Sustenance**, 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> Oct., 2011, Organised by: Department of Zoology, Cotton College, Guahati, Assam.
1. Jyothy S, Anju Abbas, **Rinoy Varghese** and A. A. M. Hatha. 2011. Growth, survival and risk assessment of biofilm associated bacteria in various drinking water microcosms. **75<sup>th</sup> Annual Educational Conference (AEC)**, Organized by **National Environmental Health Association, California, USA**, at Columbus, Ohio.
2. **Rinoy Varghese**. 2011. Antibiotic Use in Farming – A Global Health Risk, National Seminar on healthy life style Organized by Department of life long learning and extension, MG University Kottayam, Kerala.
3. **Rinoy Varghese**, Suchithra R, Nishamol S, Devi K Balan Harsha H.T and AA Mohamed Hatha. 2011. A Comparative Study on Diversity and Bioprospecting of Actinomycetes from the Shola and Grassland Soils of Tropical Montane Forest, Kerala. **23<sup>rd</sup> Kerala Science Congress**, CESS, Thiruvananthapuram.
4. Devi K. Balan, Amaldev S, **Rinoy Varghese** and K. Sankaran Unni. 2011. The Impact of Municipal Sewages on Water Quality and Phytoplankton Communities of Meenachil River around Kottayam Municipality. **23<sup>rd</sup> Kerala Science Congress**, CESS, Thiruvananthapuram.
5. **Rinoy Varghese**, Krishna M.P and A.A. Mohamed Hatha. 2011. Spatial Variation of Metal Resistance in Soil Bacterial Community Isolated from the Soils Of MG University Campus, Kerala. National Conference on Biodiversity: Richness, Uses, Threats and Conservation, Department of Biology, Gandhigram Rural Institute-Deemed University, Gandhigram-624 302, Tamil Nadu.
6. Krishna M.P, **Rinoy Varghese** and A.A. Mohamed Hatha. 2011. Spatio-Temporal Variations of Microbial Load in the Soils of Midland Regions of Kerala: A Function

of Important Soil Physico-Chemical Characteristics and Vegetation Structure. National Conference on Biodiversity: Richness, Uses, Threats and Conservation, Gandhigram Rural Institute-Deemed University, Gandhigram, Tamil Nadu.

13. **Rinoy Varghese**, Krishna M.P, Devi K. Balan, Harsha H.T, Jyothy S. and A. A. Mohamed Hatha. 2011. Relationship of Metal Tolerance with Multiple Antibiotic Resistance of Heterotrophic Bacteria from the Soils of Mahatma Gandhi University Campus, Kerala. **98<sup>th</sup> Indian Science Congress**, SRM University Chennai.

14. Jyothy S, Anju Abbas, Rinoy Varghese and A. A. M. Hatha (2011) Survival and risk assessment of biofilm associated bacteria developed in various drinking water microcosms. Proceedings of Swadeshi Science Congress, Cashew Bhavan, Kollam.

#### **16. Students Activities/ Achievements –(Extra Curricular)**

The students and research scholars of the school have actively participated in all the celebrations of the school. The Club of Environmental Students (CLENS) and its members have coordinated the cultural and other competitive activities of the school . a few examples are presented below:

**World Water Day** : during this celebration the students have participated in poster making and exhibiting them in the university , followed by a cleaning activity.

##### **i) Poster Exhibition**

About 50 posters drawn / made by the MSc students / PhD, MPhil scholars were displayed at the ‘Astathalam ‘in front of the M.G.University administrative building for the whole day. The posters were illustrative of the various environmental problems in general and water related issues in particular.

##### **ii) Cleaning the ‘Swasakosham’ (Lungs of the campus)**

MSc students / PhD, MPhil scholars of the school have undertaken a through cleaning programme under the supervision of the faculty members of the school at the ‘**Swasakosam**’ (Lungs of the campus). This cleaning programme started at 10.30 am was mainly oriented to remove the plastic debris found inside the ‘**Swasakosam**’ . About 12 sacs full of plastic bottles, cups and carry bags were collected. Most of these plastic wastes were found only along the road side , indicating that the users of the pavement through these plastic wastes very conveniently in to the ‘**Swasakosam**’ . As we couldn’t find any trash bin near or on the pavement it is more obvious that those pavement users are left with no option other than throwing the plastic wastes and other wastes in to the ‘**Swasakosam**’ . Realising this limitation, the school has installed two trash bins **marked** exclusively for **plastic waste only** on the pavement. A small board painted as ‘not to throw plastic waste in to the Swasakosam’ is also placed near the trash bin.

##### **iii) A short skit on the ‘Environmental degradation’**

A short skit was staged by the students of the school on the Environmental degradation at the school. The skit focused on the causes of misuse of natural resources and consequent environmental degradation.

**CLENS has observed the celebrations like Onam , Christmas & Ramzan with cultural feast.**

**17. Industry Varsity Linkage** (If any, Short Discription) :Nil

#### **18. Academic Tie-Ups ( if any )**

- With University of Paris (south) on Picosecond Pulse radiolysis 2009-2011
- With Bhabha Atomic Research Centre, Mumbai
- With IUC-DAE Kolkata
- With National Centre for Free Radical Research, Pune



**19. Student Progression (Former students)**

1. Dr. Sylas V.P. joined School of Environmental Science, MGU as Assistant Professor on January, 2011
2. Dr. P.C. Abhilash joined Institute of Environment and Sustainable Development, Banaras Hindu University, UP as Assistant Professor on March 2011.
3. Dr. Dhanya ,B , former PG student of this school joined Karnataka Agricultural University as Assistant Professor.

**20. Campus Recruitment ( if any )** : Nil

**21. Number of PhD's Awarded in 2011** : 6 Nos

**22. Research Scholars Registered in the School**

Sl. No.	Name of Research Scholar	Title	Name of Guide
1	Dileep Kumar M.	Process development for anaerobic treatment of unsorted municipal solid waste	Dr. E.V. Ramasamy
2	Renjitha Krishnan	The effects of organophosphorus pesticide, malathion on the breeding biology, heamaatology and histology of <i>Glossogobius biocellatus</i> .	Dr. Shirly P. Anand
3.	Aneesh C.	Environmental factors influencing the growth of microalgae	Dr. V.B. Manilal

**23. Alumni Activities (With e-mail and website)**

**SAGES** - 'Students and Alumni Group of Environmental Sciences - SAGES'.

The alumni association of the School was started in 2003. It gain the name SAGES in 2008. The members of SAGES meet periodically and latest one was on May 12<sup>th</sup> 2011. New board of executive members including president, secretary and treasurer was selected in that meeting. Many of our alumni are in higher position at reputed academic and other institutions. They are constantly in touch with the School through internet. It is proposed in the last meet to conduct an annual meet of SAGES members during second week of May every year.

**24. Any Other Achievements**

**(i) Erudite Scholar-in-Residence programme where 5 Nobel Laureates** have been visited the department. Another 10 scholars from different parts of the world have visited the department.

**(ii) Rainwater for Humanity**

The School has launched a major extension programme known as 'Rainwater for Humanity' in collaboration with Brown University (USA), local panchayath and self help groups ([www.raiwaterforhumanity.org](http://www.raiwaterforhumanity.org)). Through this extension programme, the School envisages to adopt small villages with an objective of providing basic amenities like drinking water and sanitation. As a part of this programme the School has installed **1 community rainwater harvesting structure with a capacity of 1.1 lakh litres and 7 ten thousand litre capacity** harvesting tanks at Achinakom village in Vechoor Grama Panchayath in Kuttanad region during December 2009. Construction of additional rain water harvesting tanks are in progress.

**(iii) Days of National and international significance** : The school has observed days of national and international significance in grand manner with financial support from external funding agencies. The following days have been observed at this school during 2011: (The photographs of some of these activities are attached separately)

**(A) The National Science Day – 2011** was celebrated by arranging two sessions on February 28<sup>th</sup> 2011. Dr. Sivsankarapillai, Retd. Professor, CUSAT has given a talk on ‘Chemistry in Everyday Life’ in the morning session. Students from the School and other departments were presented in this session. In the afternoon session, students from the selected Schools were presented their extra curricular activities through various clubs such as Nature club, science club. And also they were participated in science quiz. Prize has been distributed to the winners.

**(B) World Water Day 2011**: School of Environmental Sciences also celebrated World Water Day with the following programmes: The programme was started at 10 am with a brief inaugural function.

**i) Poster Exhibition**

About 50 posters drawn / made by the MSc students / PhD, MPhil scholars were displayed at the ‘Astathalam ‘in front of the M.G.University administrative building for the whole day. The posters were illustrative of the various environmental problems in general and water related issues in particular.

**ii) Cleaning the ‘Swasakosham’ (Lungs of the campus)**

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**iii) A short skit on the ‘Environmental degradation’**

A short skit was staged by the students of the school on the Environmental degradation at the school. The skit focused on the causes of misuse of natural resources and consequent environmental degradation.

**(C) World Environment Day (WED) 2011** : The school celebrated the World Environment Day (WED) on June 05, 2011 in a befitting manner. As the theme of this year’s WED is ‘**Forests : Nature at your service**’, the school’s first day celebration was focused on launching of a massive afforestation project ‘**Eco-restoration of natural vegetation in the Nalpathimala watershed area of the campus**’. This programme was inaugurated by Prof.(Dr) Rajan Gurukkal , Hon’ble Vice-Chancellor of M.G.University at 10 a.m. He recalled for giving due attention to afforestation with native trees especially fruit bearing and fast growing ones. He also stressed the need for proper land use pattern that would help in water conservation. Hon’ble Vice-Chancellor initiated the afforestation programme by planting *Pongamia pinnata* (Ungu). This was followed by planting of saplings/ stem cuttings of the following tree species : *Ficus sp.* (Aal) ; *Terminallia catapa*

( Badam) ; *Artocarpus heterophyllus* (Plavu); *A.hirsuta* (Aanjali) ; *Mangifera indica* (Maavu); *Eugenia jambosa* (Chemba); *Bambusa vulgaris* ( Illi) ; *Spondias pinnata* ( Ambazham); *Caryota urens* (Pana) etc. This programme was a participatory one with a participation of members of Department Students Union (DSU) and NSS units of M.G.

University. Dr. A.P. Thomas , Dr. E.V. Ramasamy (Director), Dr. Mahesh Mohan and Dr. Syllas V.P. of School of Environmental Sciences and Dr. Hari Lakshmindara Kumar ( School of Gandhian studies) are participated in the programme.

The second day programme on June 06, 2011 includes an invited lecture on ‘ Endosulfan : What happened in Geneva ?’, by Shri C.Jayakumar (Director, Thanal) who participated in Geneva Convention 2011 at 10.30 am at School of Chemical sciences auditorium followed by screening of a documentary film ‘*A Pestering Journey* ‘(Winner of National Film Award for Best Investigative Film & Best Audiography) at **2.30 p.m.** at Main Seminar Hall, School of Environmental Sciences.

## **7. SCHOOL OF GANDHIAN THOUGHT AND DEVELOPMENT STUDIES (1983)**

**1. Name of the School/Department :** School of Gandhian Thought and  
(with e-mail and website) Development Studies

[mgugandhianstudies@gmail.com](mailto:mgugandhianstudies@gmail.com)

[sgtdsmgu@gmail.com](mailto:sgtdsmgu@gmail.com)

Blog: [gandhimgu.blogspot.com](http://gandhimgu.blogspot.com)

**2. Head of the School/Department :** Prof (Dr.) M.S.John

### **3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	3	0	1	8
Non Teaching	4	1	-	-	5

### **TEACHING STAFF**

**Moolakkattu Stephen John**, Professor and Director

Dr John read at Jawaharlal Nehru University, New Delhi, Hyderabad Central University, University of Bradford, UK, and Mahatma Gandhi University, Kottayam, majoring in political science, peace studies and international relations. He has had a total teaching experience of 29 years of which 4 years are at the international level in the UK, US and South Africa and one year at IIT Madras as full Professor and member of the Senate. He was selected to hold the highly prestigious Inaugural Gandhi-Luthuli Chair in Peace Studies (Senior Professor rank), University of KwaZulu-Natal, Durban, South Africa, from July 2008 to June 2010. He has been serving as editor of *Gandhi Marg* since 2005. A recipient of Commonwealth Scholarship, Commonwealth Fellowship, UGC Research Award, and Fulbright Visiting Professorship, he recently secured the Rashtriya Gaurav Award 2011 for excellence and meritorious service.

**Mahajan P Mani, Professor**

Dr. Mahajan P Mani, Professor since 1998 joined the School in 1987 as Reader after a ten year stint of teaching at M.S.S Institute of Social Work, Nagpur, and Indore School of Social Work from where he graduated in Social Work. He was earlier the Director of the School, Dean of the Faculty of Social Sciences and Member of the University Syndicate. He is also an expert member of the UGC in Social Work and has served on several academic advisory bodies, boards of studies, panel of experts etc., in various capacities, and has also functioned as a consultant to a number of organisations in Kerala and outside.

**Dr. Nirmala Devi, Associate Professor**

Dr. Nirmala Devi, who joined the School in 1994 as Associate Professor obtained her Masters degree in Philosophy from University of Kerala and Ph.D in the same subject from the University of Calicut where she was a lecturer in philosophy from 1987 to 1994. She has put in a total service of 25 years. She was the Director of the School and coordinator of the UGC special assistance programme during 2011.

**Shri.A.V Joseph, Associate Professor**

Shri A V Joseph is one of the founding teachers of the School with 28 years of teaching experience to his credit. He has masters degrees in Economics and Social Work from Kerala University and an M.Phil degree in Gandhian Thought and Peace Science from Gandhigram Rural Institute.

**Dr. Roy C Mathew, Senior Assistant Professor**

Dr Roy C Mathew, who joined as faculty in 2005, holds a masters degree in Social Work from Madras University and a second masters in Management Studies as well as a Doctorate Degree from Mahatma Gandhi University.

**Dr. Sandhya R S, Assistant Professor**

Dr. Sandhya R S obtained her MA and Ph.D degrees in sociology from the University of Kerala. She also has a B.Ed in social science from M.G University. She joined the school in 2006.

**Dr. Harilakshmeendra Kumar, Assistant Professor**

Dr Harilakshmeendra Kumar holds a Masters degree in Gandhian Studies from Mahatma Gandhi University and two doctorates in different subjects from the same University. He joined the School in 2009. He is a member of the University Senate

**Smt. Manjusha K.A, Assistant Professor**

Smt Manjusha K A joined the school in 2011. She holds MA & M.Phil in History from Calicut University and had earlier taught history in government colleges for 3 years

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of seats		Ph.D course work 2011-12	Number of seats	
	M	W		M	W		M	W		M	W
			M.A(G.S)	4	8	G.S	2	1		6	5
			M.A(D.S)	7	5	D.S	1	2	Ph.D 2011	-	2
						Social work	2	2			

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women													
Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		PhD Appeared		PhD Passed	
	M	W	M	W		M	W	M	W	M	W	M	W
M. A.(Gandhian Studies)	2,*S4 3,S3 4,S1	7 Nil 8	2 3	7	Gandhian Studies	2,S1 5,S2	1 2			-	-	-	-
M. A. Development Studies	4,S4 3,S3 5,S1	5 2 7	4 3 -	5 2 -	Development Studies	1,S1 3,S2	2 3						
					Social work	2,S1 3,S2	2 1						

\*Semester

6. **Details of Tests cleared by students** : 3 Students passed NET and 3 secured JRF

#### 7. Library :

The School has an advanced Library with a collection of over 7000 books managed by trained staff in library science. Internet facility has been available.

- Total Number of Books : 7519
- Total Number of Journals : 03
- Total Number of Periodicals : 05
- Number of title added during the year : 402

#### 8. Grants Received From

- State : Nil
- Central : Nil
- University Grant Commission : SAP DRS Phase II Grant for 2011-12 awaited

#### 9. Projects Undertaken

- UGC Major Research Project entitled "Vulnerability of Elderly Widows in Kerala" by Dr.Sandhya R.S
- UGC Minor Research Project on "Tribals and their belief system: Problem of politics of ownership, survival and transformations. A study on the Wayanad districts of Kerala by Smt.Manjusha K. A
- Presentation of a UGC major research proposal has been made by Dr.Nirmala Devi. D and the result is awaited.

#### 10. Seminars Conducted

The School of Gandhian Thought and Development studies successfully conducted a three-day UGC SAP national seminar on Gender and Development on 15, 16 and 17

March 2011. Smt Lida Jacob , retired civil servant inaugurated the Seminar and delivered a lecture on gender and development. Dr D Irudayarajan, Professor , Centre for Development Studies, Trivandrum delivered the key note address. Dr D Nirmala Devi presided over the function. Dr Cyriac Thomas, Former Vice Chancellor of MG university and member of Minority Education Commission delivered the valedictory address.

**11.Seminars conducted by Faculty (Name wise-with details) : Nil**

**12. Publication by the Faculty with Impact factor of the Publication Dr.M.S.John**

1. "Identity Formation and Peace Building in Northeast India" (*Gandhi Marg* , Vol. 32, No. 4), 2011
2. "Greater Primacy for state-building in Congo?" in special issue of *Peace Review* (Taylor and Francis), Vol,23, No. 2.
3. Slightly modified versions of two of John's articles were published in edited volumes ( Tina Uys and Sujata Patel) by Orient Blackswan(2011) and TERI Press with a forward by Lord Meghnad Desai (2011).

**Dr.D. Nirmala Devi**

**Book**

1. Concept of Nature in Indian Thought, Second Edition – 2011, Jawahar Pusthakalaya, Sadar Bazar, Madhura, UP – 281 001

**Research papers**

1. "Sree Narayana Guru's Idea of Absolute " – "Prabudha Bharata"., Culcutta, June 2011. Vol. 116 No.6
2. "Peace Education: A Gandhian Perspective". 'Pedagogies' – Mahatma Gandhi University, Kottayam, September,2011 Vol. IX No.1
3. "Tagore on Nature: some Philosophical considerations" in Rabindranath Tagore. A Retrospection, edited by P Gopichand and P Narasuseela, Aadi Publications, Jaipur, 2011

**Dr.Sandhya R.S**

- Published a paper on Morbidity Pattern and Social support among the Elderly Women (A Study conducted in Nalpathimala) edited by Dr. M.V. Lakshmi Devi in Critical Questioning of changing Indian Family in 21<sup>st</sup> Century, Published by Excel Publishers, New Delhi. 2011
- Published an article on "An Exposition of Tagore's 'Educare' in the light of Western and Indian Educational Philosophies' in Rabindranath Tagore. A Retrospection edited by P Gopichand and P Nagasuseela published by Aadi Publications, Jaipur, 2011.

**13. Research Highlights of Faculty/Scholars (A Short Description)**

**Smt. Nisha V Nair**, Research Scholar has published an article "Participatory Planning and Gender Mainstreaming : Case Study of a Village Panchayat in Kerala" in *Gandhi Marg*, Vol. 33, Number 2, July -September 2011.

**Ms. Meera E H** Ph D Course Work Student (Social Work)Published a paper titled "Quality Diabetics Care- need for Multi Disciplinary Intervention" in Doc & Doc November, 2011 Issue No 22

### Academic Achievements:

Dr. M S John's "Robert Cox and Critical Theory of International Relations", published in *International Studies* (sage) has been ranked as No. 1 in the most widely read 50 articles of the journal in the months of November 2011, December 2011 January 2012 and February 2012. The 2010 Research Report of University of KwaZulu- Natal, Durban, published in December 2011 lists Dr. M S John as one of the Prolific Researchers. Total number of authors citing his works now stands at 195.

Dr John also delivered the Fifth Ravindra Varma Memorial Lecture at Institute of Gandhian Studies, Wardha in October 2011 and Presented a co-authored paper at the **International Conference** on EMERGING DIRECTIONS IN DECENTRALIZED PARTICIPATORY PLANNING, March 24th- 25th 2011, IRMA, Anand, Gujarat.

#### 14. Students Achievements - Academic

1. Minu M Kumar Ph D Course Work Student (Social Work) presented a paper titled "*Role Conflict Of Elected Women Representatives*" in the national Conference on the Conflicts and Challenges faced by the Contemporary Women in India
2. Meera E.H, Ph D Course Work Student (Social Work) presented a paper titled "*The Role of NGOs in Tribal Women Empowerment*" in the national Conference on the Conflicts and Challenges faced by the Contemporary Women in India.

#### 15. Students Activities/Achievements (Extra Curricular)

Sri.Abhilash Chandran, S2 M.Phil Student has won second prize in an all India Essay competition organized by Poornodaya Trust, securing a certificate of merit and a cash award of Rs. 3000

16. Industry Varsity Linkage : Nil
17. Academic Tie-Ups (if any) : No new tie up arrangements have been made during the year
18. Student Progression : Most masters students went on to do M.Phil or doctoral level studies
19. Campus Recruitment (If any) : Nil
20. Number of PhD's Awarded so far : 75 (from 1990-2011)  
During the Year : 3 Ph.D awarded in the year 2011-12.

#### 21. Research scholars Registered in the school

Sl.No	Name of Research Scholar	Subject	Name of Guide
1	Aneesha K.A (JRF)	Sociology	Dr. Sandhya R.S
2	Sreesha K.A (JRF)	Sociology	Dr. Sandhya R.S

21. Alumni Activities : Nil
22. Any other activities : Nil

## 8. School of Indian Legal Thought (1989)

**1. Name of the School/Department** : School of Indian Legal Thought  
(with e mail and website) : silt\_ [mgu@yahoo.co.in](mailto:mgu@yahoo.co.in)

**2. Head of the School/Department** : Dr. MC Pramodan

### 3. Staff Profile

	Men	Women	Scheduled Caste	Schedule d Tribe	Total
Teaching	3	3			6
Non Teaching	4	2			6

### 4. Courses offered with Number of Seats

Under Graduate	Number of seats		Post Graduate	Number of seats		Post Graduate	M.Phil	Number of seats		Ph.D	Number of seats	
	M	W										
3 year LLB (4pm to 9pm)	50		LLM	21								
2010 admission	36	5	2010 admission	---	11							
2011 Admission	27	4	2011 Admission	4	12							
5 year BALLB	50											
2007 admission	11	30										
2008 Admission	8	28										
5 year BBA LLB	30											
2011 Admission	10	17										
3year LLB CSS	25											
2009 admission	8	7										
2010 admission	3	10										

### 5. Students in take

Intake those Appeared in the Examination and Passed M- Men, W. Women																			
Under graduate	Appeared		Passed		Post Graduate	Appear ed		Passed		M.Phil	Appea red		Passed		Ph.D	Appea red		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BALLB																			
2006 (admission)	1	2	13	26	LLM	-	7	-	7										

### 6. Details of Tests cleared by Students

Sl.No.	National Level	State Level
1	UGC NET-5	

### 7. Library

- (a) Total Number of Books : 9491  
 (b) Total Number of Journals : 6  
 © Total number of periodicals : 6 magazines and 4 Newspapers  
 (d) Number of titles added during the year : 147 books



**8. Grants Received From** : Nil

(a) State Government

(b) Central Government

© University Grants Commission

(d) Others specify

**9. Projects Undertaken** : Nil

**10. Seminar Conducted**

(a) State Level

(b) National Level :National Seminar on Right to Education and Right to Establish Educational Institutions held in March 2011

© International Level

**11. Seminars conducted by Faculty (Name wise-with details)** : Nil

**12. Publications by the Faculty with impact factor of the Publications:** Nil

**13. Research Highlights of Faculty/Scholars ( A short Description)**

Anitha L P, Research Scholar of the Department was conferred Ph.D in 2011

**14. Academic Achievements ( A short Description)** : Nil

**15. Students Achievements- Academic ( A short Description)** : Nil

**16. Students Activities/ Achievements-(Extra Curricular)** : Nil

**17. Industry Varsity Linkage (if any, short Description)-**

Linkage with Bar Council of India

**18. Academic Tie-ups ( if any) :** Nil

**19. Students Progression-** Many former students of the institutions have entered judicial services

(eg. Former student cleared civil service joined MIT post doctoral fellowships

**20. Campus Recruitment ( if any)** : Nil

**21. Number of PhD's Awarded so far** : Nil

**22. Research scholars Registered in the school**

Sl No	Name of Research Scholar	Title	Name of Guide
1	Mr. Sunil Gladson	Patent on life forms and its impact on human environment with particular reference to climatic change	Dr. K Vikraman Nair
2	Mr. GEorge zachria	International Criminal courts and protection of Human Rights	Dr. Sukumari Antharjanam
3	Ms.Deepti U.	Rights of Patients	Dr. MC Pramodan

**23. Alumini Activities(with e mail and website)** : Nil

**24. Any other achievements** : Nil

## 9. School of International Relations and Politics (1983)

**1. Name of the School/Department** : School of International Relations and Politics  
 e-mail : [sirpmgumiversity@gmail.com](mailto:sirpmgumiversity@gmail.com)  
[www.sirpmgu.in](http://www.sirpmgu.in)

**2. Head of the School** : Raju K.Thadikkaran  
 e-mail : [rthadikkaran@gamil.com](mailto:rthadikkaran@gamil.com)

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	7				7
Non-Teaching	3	2			5

### 4. Courses Offered with Number of seats

Post Graduate	Number of seats	M.Phil	Number of Seats	Ph.D	Number of Seats
M.A (IR)	15	M.Phil	8	Ph.D	
M.A (HR)	5				
M.A (PPG)	5				

### 5. Students Intake

Intake, those appeared in the Examination and passed M-Men, W-Women															
Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W	
		5	8	5		8		1	3		1	3		7	2
M.A (IR)															
M.A (HR)	-	6	-	6											

### 6. Details of Tests cleared by Students

Sl. No.	National Level	State Level
1	3	

### 7. Library

(a) Total Number of Books : 6828  
 (b) Total Number of Journals : Nil  
 (c) Total Number of Periodicals : Nil  
 (d) Total Number of titles added during the year : 641

### 8. Projects Undertaken

#### (a) Raju K.Thadikkaran

(1) University Grants Commission (UGC) Major Research Project on “Global Intellectual Property Rights Regime and India: Challenges and

Opportunities in the Protection of Intellectual Property Related to Biodiversity and Traditional Knowledge.” (Completed)

- (2) Kerala State Higher Education Council (KSHEC) project on “Internationalisation of the Realm of Higher Education: A study on the Experience of University Teaching and Research Departments, Professional colleges and Research Institutions in Kerala.” (Completed)
- (3) Internationalization of Higher Education: Global Trends and The Indian Experience (shortlisted by the UGC)

**(b) K.M.Seethi**

- (1) University Grants Commission (UGC) Major Research Project on “Health, Environment and Human Security: Impact of Pesticide Use in Kerala “(2009-2011)
- (2) ICSSR Major Research Project on “Statelessness, Citizenship and Human Security: A Study on the Repatriated Tamils in Kerala” (2011-13)

**(c) C.Vinodan**

- (1) Indian Council of Social Science Research(ICSSR) Major Research Project on ‘Terrorism and Nuclear Deterrence in South Asia: A Study on the Issues and Challenges in India’s National Security Strategy’
- (2) University Grants Commission (UGC) Major Research Project on “Energy Security for the Emerging India: A Study on the Problems and Prospects of Expanding the Nuclear Option” (Completed)

**9. Seminars Conducted**

Sl. No.	Seminar/Symposium/Colloquium	Theme	Date
1	<b>T.V. Paul</b> , James McGill Professor of International Relations and Director, Centre for International Peace and Security Studies, Mc Gill University, Montreal, Canada	IR Theory and Peace Building: The Case of South Asia	12, January 2011
2	<b>Jia Haitao</b> , Jinan University, Guangdong, China KSHEC sponsored Erudite Scholar-in-Residence at Mahatma Gandhi University during February 2011- March 2011	Delivered a series of Lectures on the themes 1. Urbanisation and Social Development in China 2. Ethnic and Minority Question in China Today 3. Religion in the Contemporary China 4. Sino – Indian Relations: Issues and Challenges 6. One Country, Two Systems and the Taiwan question	3, February 2011 -15 March 2011
3	<b>Jia Haitao, Rajan Gurukkal, K.V. Paulose, Sanal Mohan and K.M. Krishnan</b>	Civilization and Culture in India and China	1, March 2011
4	<b>Steven Michael Lukes</b> , Professor, New York University	Culture Relativism and Human Rights	18 March 2011
5	<b>Amb. Vinod C. Khanna</b> , New Delhi	Rise of China : Implications for the Rest of the World	28 July 2011
6	<b>T.P. Sreenivasan</b> , Vice Chairman, KSHEC	Indo-US Defence Co-operation after the Nuclear Deal	24 August 2011
7	<b>Dr. Wardlow Friesen</b> , Senior Lecturer in Geography, School of Environment, The University of Auckland, New Zealand	Diaspora and Indian Development: A Perspective from Australia and New Zealand	15 September 2011
8	<b>M.P. Joseph</b> , International Labour Organisation	The International labour Organisation and India: The Past, Present and the Future	29 September

9	<b>Tim Niblock</b> , Professor, University of Exeter, UK	The Arab Spring	31 October 2011
10	<b>Daniel C. Levy</b> , Professor, Director of Programme for Research on Private Higher Education (PROPHE) State University of New York, Albany, USA	Global Private Higher Education : Comparative perspective on India and Public policy	14 November 2011
11	<b>V. B. Ajayakumar, B.R.P.Bhaskar, Mini Sukumar</b>	Experiences of Kerala Development Model	17 November 2011
12	A high Academic Delegates from Curtin University, Australia Visited M. G University	Higher Education in Australia : Opportunities for Academic Exchange	28 November 2011
13	<b>T.V. Paul</b> , James McGill Professor of International Relations and Director, Centre for International Peace and Security Studies, Mc Gill University, Montreal, Canada	KPS Menon Chair, delivered a series of lectures at School of International Relations and Politics and one day symposium on India as a Soft Power	2-23 December 2011
14	<b>T.P. Sreenivasan</b> , Vice-Chairman, KSHEC, <b>Venu Rajamony</b> IFS, Joint Secretary, Govt. of India, <b>V. Suryanarayan</b> , Centre for Asia Studies, Chennai, Vice Admiral (Retd.) <b>Vijay Shankar</b>	China and Emerging World Order: Is Peaceful Rise Possible?	23 December 2011
15	<b>Prof.Jane Knight</b> joins the School as the KSHEC sponsored Erudite Scholar –in-Residence for two months	Offered a short term course for two months and delivered a series of lectures on the themes 1. International Dimension of Universities: Approaches, Rationales and Activities 2. Trends in Academic Mobility: Students, programs and Providers 3. Benefits, Risks and Challenges of Higher Education Internationalization 4. Developing International and Intercultural Competencies of Students 5. Education Hubs: Fad, Brand or Innovation? And One day Colloquium on the theme Internationalization of Higher Education: Global Trends	December 2011 February 2012
16	<b>Prof.David G.baker</b> , Fulbright Senior Specialist, MGU – USIEF Academic Initiative	Delivered a series of Lectures 1. Presidential Elections in the United States 2. Manifest Destiny and American Exceptionalism, 3. The Impact of Race on US Foreign Policy, 4. Dialogue on the Nature and Trends in the Study of International Relations and Public Policy, 5, Anticommunism: Foreign Policy Impacts, 6. Terrorism and Technology, Religion in the United States, 7. Symposium on Public Policy and Governance	March-April 2012

## 9. Publications by the Faculty with Impact factor of the Publications (A Short Description)

- Raju K. Thadikkaran and Radhika (ed.) Books of Abstracts in connection with International Conference on Higher Education( ICMGU2010), Mac Millan Press, New Delhi.
- Raju K. Thadikkaran (ed.) (2011): *Global IPR Regime and India: Challenges, Opportunities and Options*, Mahatma Gandhi University Press. (Forthcoming)
- Raju K. Thadikkaran: *International Transfer Technology to Developing Countries*, Universal Publishers, New Delhi (Accepted for Publication).
- Raju K. Thadikkaran and G.V.C. Naidu (2011): *China, India and Pakistan Imbroglio: Rhetoric and Reality*, Mathrubhumi Year Book Plus.
- A.M.Thomas "The Armenian Genocide Revisited: Probing the Extent of Turkish Involvement," *South Asian Journal of Diplomacy* 2011(Kottayam).
- K.M Seethi (2011): "Social Sciences in Transition: Value-Rationality beyond Rigid Boundaries, *Social Science Perspectives*, March-June.
- K.M Seethi (2011): "Obama's Hot Feeler Triggers More Confusion," 21 May, *Countercurrents.org*
- K.M Seethi (2011): "Endosulfan: Endgames in Geneva and New Delhi," 24 April, *Countercurrents.org*
- K.M Seethi (2011): "The Perils of Endosulfan," *The Economic Times*, April 26.
- K.M Seethi (2011): "On Matters of Discretion: Beyond Foreign Policy Concerns: A Review Article" *South Asian Journal of Diplomacy*, 1(2).
- K.M Seethi (2011): "Human Security and Health: Emerging Concerns," *Indian Journal of Politics and International Relations*, 2(4), June-December.
- Girish Kumar R "India's Innovation Systems: Changing Structure in the Post-TRIPS Regime" in *South Asia in a Global Context*, C. Vinodan, New Century Publishers, New Delhi, 2012

### Articles

- Girish Kumar R "The Politics of North South Dialogue: A Constructivist Interpretation of current impasse in WTO Doha Round Negotiations" (co-author Schieder Siegfried) paper submitted to *Millennium Journal of International Studies*, Nov. 2012.
- Girish Kumar R "A Case for India -Bangladesh Free Trade Agreement", *Journal of Polity and Society*, Vol. No.2, Issue No.2, July-Dec.2011
- Girish Kumar R "South-South Cooperation Strategy in Dealing with Common Challenges in Intellectual Property: A Study of South Asia", *ISDA Journal: Studies in Development and Administration*, Vol. 21, no 4, Oct- Dec., 2011
- Girish Kumar R "The Paradigm Shift from 'Global Governance' to 'Global Constitutionalism' in International Law: A reading from the third world", *Indian Journal of Politics and International Relations*, Vol.4, No.1 January-June 2011
- Girish Kumar R "India in Harmony with WTO Jurisprudence: Did Special and Differential Treatment principles ensure Distributive justice to the poor?" *South Asian Journal of Diplomacy*, Vol.2, 2011
- Girish Kumar R Books (edited), *Global Financial Crisis: Implications for India*, co-author K.M.Seethi (forthcoming)
- Girish Kumar R *WTO, Public Health and South Asia: Does International Law penalise the poor?(forthcoming)*
- C. Vinodan, Terrorism and Nuclear Security in South Asia: The of Pakistan, *IJSAS*, 4 (2) 2011, pp. 273-90. ISSN 0974-2514
- C. Vinodan, Shibu M. George (2011), Renewable Energy Development in India, *Journal of Parliamentary Studies*, Vol.2, Issue 1, ISSN 2231-0355

- M.V. Bijulal (2011) “Struggle as Political Communication : Struggle as Political Communication: Migrant Lifeworlds and Human Rights Questions in the GCC Countries, *Indian Journal of Politics and International Relations* , Vol.3, No.1
- M.V. Bijulal Under The Heat of Knowledge Trees: Unlearning/s From Memory and History of Two Dalit Struggles In India , International Journal of Social and Economic Research Year : 2011, Volume : 1, Issue : 2 First page : ( 351) Last page : ( 364) Online ISSN : 2249-6270.

#### 10. Academic Achievements (A Short Description)

- Teaching:** The School initiated new P.G Post Graduate Programme on Public Policy and Governance under the Innovative Programme Scheme of UGC. The School also introduce M.Phil Programmes in Public Policy and Governance as well as Human Rights. The School initiated preparatory work setting Institute for Contemporary Chinese Studies as an autonomous research centre sanctioned by UGC under the prestigious area studies scheme. Introduced internship for PG students in Public Policy and Governance.
- Research:** Members of Faculty received major research projects from UGC (3 Nos), ICSSR (2 Nos), and KSHCEC( 1 No).
- Outreach** : The School organised a series of National and International Seminars, Symposium and Colloquium. The distinguished participants in such programme included T.V. Paul, Jia Haitao. Steven Michael Lukes, Amb. Vinod C. Khanna, Amb.T.P. Sreenivasan, Dr.Wardlow Friesen, M.P. Joseph, Tim Niblock, Daniel C. Levy, V. B. Ajayakumar, B.R.P.Bhaskar, Mini Sukumar, Venu Rajamony, V.Surayanarayan, Vijay Sankar. The School entered MoU with Institute of Political Studies (IEP) Rennes, France, IEP of Bordeaux, Sciences PO, Bordeaux, France, Institute for Chindian Studies, Jinan University, Guangdong Province, China, Catholic University of Korea (CUK) Seoul that has facilitate academic exchange between the School and such institutions. Two distinguished scholars joined the School as the KSHCEC sponsored Erudite Scholar-in-Residence  
(1).Jia Haitao ,Jinan University, China January 2011(2).Prof. Jane Knight, Ontario Institute for Studies in Education, University of Toronto, Toronto January 2012

#### 11. Academic Tie-Ups (if any)

- Institute of Political Studies (IEP) Rennes, France
- IEP of Bordeaux, Sciences PO, Bordeaux, France
- Institute for Chindian Studies, Jinan University, Guangdong Province, China
- Catholic University of Korea (CUK) Seoul

12. Number of PhD's Awarded so far : 25

#### 13. Research Scholars Registered in the School

Sl.No.	Name of Research Scholar	Name of Guide
1	Blessy Paul C	Venugopal B.Menon
2	Rajesh Kuniyil	C.Vinodan
3	Ajay M.G	R.Girish Kumar
4	Siby Thomas	Raju K.Thadikkaran
5	Stanly T Chacko	Venugopal B.Menon
6	Lakshmi S	C.Vinodan
7	Lijoy Thomas	Benny Joseph

#### 14. Faculty Achievements

(1) **Raju K.Thadikkaran, Director, School of International Relations and Politics**

##### A. Professional Achievements

- Nominated as the Honorary Director of the Institute for Contemporary Chinese Studies (ICCS) sanctioned by the UGC under the Area Studies Scheme by virtue of being the Principal Proposer of the Project. Nominated as the Chairman Board of Studies in International Relations.

- (2) Served as the Programme Co-ordinator of the KSHEC sponsored Erudite Scholar-in- Residence programme of Prof.Jia Haitao, Jinan University, Guangzhou, China during February – March 2011.
- (3) Served as the Programme Co-ordinator of the KSHEC sponsored Erudite Scholar-in- Residence programme of Prof.Jane Knight Ontario Institute for Studies in Education University of Toronto, Toronto, Ontario, Canada during January- February 2011.
- (4) Chief Editor, Indian Journal of Politics and International Relations (IJPAIR).
- (5) Member, International Studies Association, Arizona, USA.
- (6) Chairman, Board of Studies in International Relations and Politics, Mahatma Gandhi University

## **B. Major Research Projects**

**University Grants Commission (UGC) Major Research Project** on the “Global Intellectual Property Rights Regime and India: Challenges and Opportunities in the Protection of Intellectual Property Related to Biodiversity and Traditional Knowledge.”

**Kerala State Higher Education Council (KSHEC)** project on the “Internationalisation of the Realm of Higher Education: A study on the Experience of University Teaching and Research Departments, Professional colleges and Research Institutions in Kerala.”

## **C. Publications: Books**

Raju K.Thadikkar and Radhika (ed.) Books of Abstracts in connection with International Conference ICMGU2010, Mac Millan Press, New Delhi.

Raju K. Thadikkar (ed.) (2011): *Global IPR Regime and India: Challenges, Opportunities and Options*, Mahatma Gandhi University Press (Forthcoming).

Raju K. Thadikkar: *International Transfer Technology to Developing Countries*, Universal Publishers, New Delhi (Accepted for Publication).

## **D . Presentations of Papers in International/National Conferences**

Presented a paper on the theme Internationalization of Higher Education Global Trends and the Indian Experience at the International Colloquium on India and South Korea, organized by the Catholic University of Korea (CUK) at Seoul during 2-4 November 2011.

Presented a paper on the theme Buddhist Culture and Education Sino Indian Relations Revisited at the International Conference on Buddhism and World Culture.

Presented a paper on the theme “Socialist Reforms in the Post Mao china Retriotic and Reality in the UGC sponsored National Seminar at Sree Kerala Varma College, Trichur during 12-14 December 2011.

## **E. Participation in International/National Conferences**

Participated in the International Conference on Higher Education at New Delhi organized by the FICCI, Planning Commission and the MHRD during 11-12 November 2011.

Participated in the Colloquium on India and South Korea, organized by the Catholic University of Korea (CUK) at Seoul during 2-4 November 2011.

Participated in the International Conference organized by Jinan University, Guangzhou, China during 27-28 October 2011.

Represented Mahatma Gandhi University in the International Conference on Higher Education organised by EDGE secretariat “Emerging Dimensions in global Education held during March 2011 at India Habitat Centre New Delhi.

## **F. Research Supervision (Ph.D)**

1. **M.G.Manoj:** World Bank Policy towards Developing Countries: A Study on Indian Experience in Education with Special Reference to Kerala
2. **G.Geethika:** IPR’s International Convention and TRIPS: The Indian Experience

3. **Punoose Mathen:** Post Mao Reforms in the PRC within Special Economic Zones (SEZ): The Chinese Experience
4. **Basil B. Mathew:** Trade Related Intellectual Property Rights (TRIPS) versus Convention on Biological Diversity (CBD): A Study on the Traditional Knowledge Related Intellectual Property (IP) Protection in India
5. **Byju P. Babu:** Information and Communication Technology (ICT) and Social Development in Developing Countries: A Study on the Indian Experience with Special Reference to Kerala
6. **Vinu J. George:** Intellectual Property Rights and New Security Challenges: Indian Experience in the Protection of Bio- Diversity Related Traditional Knowledge
7. **Antony P.W.:** Internationalization of Higher Education in India with Special Reference to Kerala.
8. **Siby Mathew:** Internationalization of Higher Education: The South Korean Experience

## (2) K.M.SEEHI, Professor, School of International Relations and Politics

### A. Professional Achievements (2007-2011)

Professor and Dean, Faculty of Social Sciences (2009-)  
 Member, Syndicate, Mahatma Gandhi University(2011-)  
 Director of Research, Mahatma Gandhi University(2010-)  
 Director, School of International Relations and Politics (2007-2010)  
 Convenor, Credit and Semester System, Mahatma Gandhi University(2007-2011)  
 Chairman, Centre for Cross-National Communication in South Asia(2008-)  
 Chairman, Board of Studies in Political Science(2009-)  
 Member, Academic Council, Mahatma Gandhi University  
 Editor, *South Asian Journal of Diplomacy* (2010-)  
 General Editor,  
*Indian Journal of Politics and International Relations* (2008-2010)

### B. Projects

University Grants Commission (UGC) Major Research Project on “Health, Environment and Human Security: Impact of Pesticide Use in Kerala “(2009-2011)

ICSSR Major Research Project on “Statelessness, Citizenship and Human Security: A Study on the Repatriated Tamils in Kerala” (2011-13)

### C. Publications

- K.M Seethi (2011): “Social Sciences in Transition: Value-Rationality beyond Rigid Boundaries, *Social Science Perspectives*, March-June.
- K.M Seethi (2011): “Obama’s Hot Feeler Triggers More Confusion,” 21 May, *Countercurrents.org*
- K.M Seethi (2011): “Endosulfan: Endgames in Geneva and New Delhi,” 24 April, *Countercurrents.org*
- K.M Seethi (2011): “The Perils of Endosulfan,” *The Economic Times*, April 26.
- K.M Seethi (2011): “On Matters of Discretion: Beyond Foreign Policy Concerns: A Review Article” *South Asian Journal of Diplomacy*, 1(2).
- K.M Seethi and Reghunathan M. (2011): “Human Security and Health: Emerging Concerns,” *Indian Journal of Politics and International Relations*, 2(4), June-December.
- K.M. Seethi and K.R. Singh(eds.) (2010): *Coastal Security: Needed A New Look*, Kottayam: K.P.S. Menon Chair for Diplomatic Studies.
- K.M Seethi (2010): Beyond Regions: Political Economy of India’s Trans-South Asian Engagements,” *South Asian Journal of Diplomacy*, 1(1).
- K.M Seethi (2010): “West is West: New American Protectionism and the Indian IT Sector,” *Mainstream*, XLVIII (46): 6 November.
- K.M Seethi and P.M. Joshy (2010) “Interrogating Security: The Hindu Right and the nuclear Question,” *South Asian Journal of Diplomacy*, 1(1) 2010.



- K.M Seethi (2010) "State, Health and Human Security," *Working Paper-1*, Centre for Cross National Communication in South Asia, SIRP/MGU, Kottayam.
- K.M Seethi (2009): "Contested Terrains of State and Civil Society: Between Philosophy and Praxis," *Indian Journal of Politics and International Relations*, Vol.2, No.2, July-December.
- K.M Seethi (2009): "Reinventing Public Sphere: Habermas's 'Sluice' Model under Neoliberal 'Siege'," *Indian Journal of Politics and International Relations*, Vol.2, No.1, January-July
- K.M Seethi (2009): "Emerging India and China: Potentials and Constraints," in Lam Peng Er and Lim Tai Wei (eds.), *The Rise of China and India: A New Asian Drama*, Singapore: World Scientific Press.
- K.M Seethi (2008): "Global Financial Meltdown and the IT Sector in India," *WIB e-Monograph Series-11*, Bangalore: WebIndia.
- K.M Seethi (2008): "Perils of Nuclear Renaissance and the Indo-US Nuclear Deal," *Indian Journal of Politics and International Relations*, Vol.1, No.1, January-June.
- K.M Seethi (2007): "M. N. Vijayan: The Scholar who Knew too Much," *Mainstream*, 31 October.
- K.M Seethi (2007): "Civil Society-State Discourses: From Liberalism and Marxism to Neoliberalism and Neo-Marxism," *WIB e-Monograph Series-2*, Bangalore: WebIndia.
- K.M Seethi (2007): "Engaging with Modernity: Muslim Reform Movement in Kerala," *Society and Secularism*, Vol.1, No.3 May.

#### **D. Presentations of Papers in International/National Conferences (2007-2011)**

1. Presented paper on "Sufism, Islam and the Contemporary Challenges in South Asia, at the International Symposium on Buddhism and world Culture held on 27-28 October 2011 at Jinan University, Guangzhou, China organized by the Institute for Chindian studies, Jinan University jointly with the Liuzu (Huineng) Temple at Zhenshan, Sihui City, China
2. Presented paper on "Energy Security in South Asia: Critical Challenges" at the Seminar on "India" held on 2 November 2011 at the School of Business Studies, Catholic University of Korea, Seoul, South Korea
3. Presented paper on "Reorienting India's Look East Policy: Towards 'New Asianism'?" at the Colloquium on "India" held on 3 November 2011 at the Catholic university of Korea, Seoul, South Korea.
4. Presented Paper at the at the Gandhi-Ikeda Peace Conference on *Rise of China and India: Towards a Harmonious Relationship* organised by the East Asian Institute, National University of Singapore, Singapore on 21 August 2008: Presented a paper on "Emerging India and China: Potentials and Constraints. "

#### **E. Participation in International/National Conferences (2007-2011)**

1. Presentation at the Colloquium on "Civilization and Culture in India and China", held on 1 March 2011 at the School of International Relations and Politics, MG University
2. Special Lecture on "India's Defence Policy: Critical Perspectives," at MASCOM, Kottayam on 7 October 2010.
3. Keynote Speech at the seminar on "Mahatmaji and Nation-building" organised by *Mathrubhumi* on 13 May 2010 at Thrissur.
4. Resource person and Presented Paper at the Indian Council of Historical Research (ICHR) sponsored Course on *Theory and History* on 3 February 2010 organised by Mahatma Gandhi University: Theme of Presentation "Constructivism."
5. Presented Paper at the Seminar on *Copenhagen: Expectations and Outcome* on 8 January 2009 organised by the *BREAKTHROUGH SCIENCE SOCIETY OF KERALA*, Kottayam Chapter: Presented Keynote Address.
6. Resource person at the National Symposium on *Human Rights and India's Foreign Policy* organised by SIRP, Kottayam on 10 December 2009.
7. Resource Person at the National Workshop *Coastal Security: Needed a New Look* organised by K.P.S. Menon Chair for Diplomatic Studies, SIRP in association with the Ministry of External Affairs, Government of India on 8-9 December 2009.

8. Keynote Address at the seminar on *ASEAN Pact and India* organised by the Department of Political Science, NSS College, Changanasseri on 23 September 2009.
9. Keynote Address at the Seminar on *ASEAN and Kerala* organised by *Kerala Karshaka Sanghom* at Kottayam 10 September 2009.
10. Resource Person and Presented Paper at the National Convention on *The Politics of Nuclear Energy and Resistance* on June 4-6, 2009, Kanyakumari organised by the Coalition of Nuclear Disarmament and Peace(CNDP), New Delhi.
11. Resource Person at the Interactive Session on the *Report of the UGC Committee to Advise on Renovation and Rejuvenation of Higher Education* at Mascot Hotel, Thiruvananthapuram on 14 May 2009 organised by the Kerala State Higher Education Council.
12. Resource person at the seminar on *Chinese foreign policy* organised by the SIRP in association with Jinan National University, China on 29 April 2009.
13. Resource person at the National Seminar on *Global Financial Crisis: Implications for India* organised by the SIRP in association with the Ministry of External Affairs, Government of India on 12-13 January 2009.
14. Resource person at the Seminar on *State, Terrorism and Human Rights* held in December 2008 organised by the School of International Relations and Politics, Mahatma Gandhi University.
15. Resource person at the Seminar on *the Great October Revolution: Its Contemporary Relevance* on 7 November 2008 organised by TK Smaraka Padana Kendram, Kottayam.
16. Resource person and Presented Paper at the at the Gandhi-Ikeda Peace Conference on *Rise of China and India: Towards a Harmonious Relationship* organised by the East Asian Institute, National University of Singapore, Singapore on 21 August 2008: Presented a paper on "Emerging India and China: Potentials and Constraints."
17. Resource person and Presented Paper at the Seminar on *India-US Nuclear Deal* on 6 August 2008 organised by the *BREAKTHROUGH SCIENCE SOCIETY OF KERALA*, Kottayam Chapter.
18. Resource person and Presented Paper at the National Seminar on *Minority Rights and Social Justice* organised by the School of Legal Studies, on 17 June 2008: presented paper on "State, Identity and Neoliberals State."
19. Resource person and Presented Paper at the at the National Seminar on *Human Rights and Social Justice* organised by the Department of Political Science and the centre for Gandhian Studies, Alphonsa College, Pala on 18 June 2008: Presented paper on "Human Rights and Neoliberal Challenges."
20. Resource person at the at the National Seminar on *Doing History Beyond the Discipline* organised by the School of Social Sciences, Mahatma Gandhi University on 16-17 May 2008.
21. Resource person and Presented Paper at the at the National Seminar on *India and Europe: Emerging Challenges and Opportunities* organised by the Department of Political Science, St Thomas College, Pala on 14 February 2008: Presented paper on "India and the European Union."
22. Resource person at the three-day International Conference on *Emerging India: Strategic Options in the New Century* organised by the School of International Relations and Politics, Mahatma Gandhi University in association with the Ministry of External Affairs, Government of India and the Centre for Trade and Development (CENTAD), New Delhi on 26-28 February 2008.
23. Resource person at the One Day Seminar on *Indigenous Peoples* on 10 December 2007 organised by the School of International Relations and Politics, Mahatma Gandhi University.
24. Resource person and Presented Paper at the One day Seminar on *The United Nations in World Politics* 24 October 2007 Kottayam, organised by the School of International Relations and Politics, Mahatma Gandhi University: Paper Presented: "Political Economy of the UN System"
25. Resource person and Presented Paper at the Seminar on *Indo-US Nuclear Deal*, September 2007, organised by V.K. Krishna Menon Centre for International Relations, University of Kerala: Paper Presented on "Perils of 'Nuclear Renaissance' and Its Implications for India."

26. Resource person and Presented Paper at the Workshop on *Improving the Quality of Research* conducted by the University of Kerala in September 2007: Paper Presented on “Deterritorialisation of Social Sciences.”
27. Resource person at the One Day Colloquium on *Challenges of Higher Education*, 31 March 2007, Kottayam organised by the School of International Relations and Politics, Mahatma Gandhi University.

#### **F. Research Supervision (PhD) 2007-2011)**

Ten Scholars doing PhD. One Scholar submitted and has been awarded PhD.

**(3)A.M. Thomas, Professor, School of International Relations and Politics,**

##### **A. Professional Achievements**

Chairperson, CSS, M.G. University

Member, Board of Studies in International Relations and Politics, Mahatma Gandhi University

##### **B. Projects**

##### **C. Publication**

“The Armenian Genocide Revisited: Probing the Extent of Turkish Involvement,” South Asian Journal of Diplomacy 2011(Kottayam).

##### **D. Presentations of Papers in International/National Conferences**

United States-India Educational Foundation, “Workshop on Building Partnerships,” Chennai, 22-23 February 2011.

“State, Genocide and Human Rights: The Armenian Experience,” National Seminar on Human Rights: Governance and Issues, K.R.Narayanan Study Centre, St Stephen’s College, Uzhavoor, 15-16 December 2011.

##### **E. Participation in International/National Conferences**

National Seminar on Conflict Resolution in South Asia, Centre for Gandhian Studies, Alphonsa College, Pala; and Centre for Asia Studies, Chennai, 1-2 February 2011.

Conference on American Studies, United States Consulate, Chennai and St Thomas College, Pala, 27-28 July 2011.

##### **F. Research Supervision (Ph.D)**

Supervising three Scholars

**(4) Girish Kumar R, Assistant Professor, School of International Relations and Politics**

##### **A. Professional Achievements**

Academic Distinctions/ Fellowships

*Jean Monnet Fellow*, 2010 for doing Post-doctoral research at Topic of research: ‘WTO, TRIPS and South Asia: Does International Law penalise the Poor?’ at *European University Institute*, Robert Schuman Centre, Florence, Italy.

*Agatha Harrison Fellowship 2009*, declined.

*ICSSR Fellow 2008* (Indian Council for Social Science Research) to serve as a fellow at to research on ‘WTO’s Interpretation of Special and Differential Treatment Principles: Indian Experience (1995-2004)’ at *Indian Law Institute*, New Delhi,

*University of Cambridge*, Sydney Sussex College, *Cambridge-Pavate Fellowship*, 2007 (to serve as a fellow at Sydney Sussex College, and as a visiting fellow at Centre of International Studies, University of Cambridge, UK to do research on ‘India at WTO Dispute Settlement Mechanism.’

##### **Invited Lectures**

Academic Staff College, Pondicherry University, Invited lectures on *WTO* as resource Person, 2012

*WTO and Human Rights*, inaugural address at Human Rights Forum, SN College, Chengannur, January, 2012

Pavate Foundation, Karnatak University, India at WTO Dispute Settlement Mechanism, Invited Lecture at India Habitat Centre, New Delhi, 2007

Department of Law, Karnatak University, WTO and Globalisation of Intellectual Property Rights, Invited Lecture at Department of Law, Karnatak University, 2007

Short Courses attended

Refresher Course in Statistics and Research Methods, Academic Staff College, Trivandrum,

2011 Orientation course, Academic Staff College, Trivandrum, 2011

EUI Academy of Global Governance, Italy, Training on *Power, Conflict and Conflict Regulation 15-19, November 2010*

EUI Academy of Global Governance, Italy, Training on *Global Regulation and New Social Risks*, 2010.

National Institute of Rural Development (NIRD), India, *Research Methodology for Rural Development*, 2009.

International Centre for Geopolitical Studies, Geneva, Switzerland, *Certificate in Geopolitical Analysis of International Relations*, 2005.

Administrative and management experience

Chair, Centre for Trade, Development and Governance (C-TDG), School of International Relations and Politics, Mahatma Gandhi University, Kottayam, Kerala, India, 2008-. Worked in tandem with ministries, NGOs, and business organisations and provide policy inputs to Parliamentarians/ Policy-makers

Coordinate two committees - Committee on Public Health and Committee on Rural Development for Lok Sabha Constituency, Pathanamthitta, Kerala, India. The Committees are headed by Anto Antony, Member of Parliament (Lok Sabha)

(Both activities provide critical inputs to the policy-makers)

## **B. Projects**

1. *Indian Council for Social Science and Research (ICSSR) Project on WTO Dispute Settlement Mechanism and its Treatment of SDT Principles: India as Complainant, (2008). Submitted report.*
2. *University Grants Commission (UGC) Project on WTO Dispute Settlement Mechanism and its Rulings against India (2008). Submitted report.*

## **C. Publication**

Books

*WTO and Globalisation of Intellectual Property Rights*, ISBN No.978-81-7831-236-1, Manak Publications, Delhi, 2010

*WTO and Developing Countries: India at Dispute Settlement Mechanism* ISBN 978-81-910909-0-1, (Centre for Trade, Development and Governance, Mahatma Gandhi University, 2010).

#### Chapters in Book

“India’s Innovation Systems: Changing Structure in the Post-TRIPS Regime” in *South Asia in a Global Context*, C.Vinodan, New Century Publishers, New Delhi, 2012

#### Book in Progress

Books (edited), *Global Financial Crisis: Implications for India*, co-author K.M.Seethi

*WTO, Public Health and South Asia: Does International Law penalise the poor?*

#### Articles

“The Politics of North South Dialogue: A Constructivist Interpretation of current impasse in WTO Doha Round Negotiations” (co-author Schieder Siegfried) paper submitted to *Millennium Journal of International Studies*, Nov. 2012.

“A Case for India -Bangladesh Free Trade Agreement”, *Journal of Polity and Society*, Vol. No.2, Issue No.2, July-Dec.2011

“South-South Cooperation Strategy in Dealing with Common Challenges in Intellectual Property: A Study of South Asia”, *ISDA Journal: Studies in Development and Administration*, Vol. 21, no 4, Oct- Dec., 2011

“The Paradigm Shift from ‘Global Governance’ to ‘Global Constitutionalism’ in International Law: A reading from the third world”, *Indian Journal of Politics and International Relations*, Vol.4, No.1 January-June 2011

“India in Harmony with WTO Jurisprudence: Did Special and Differential Treatment principles ensure Distributive justice to the poor?” *South Asian Journal of Diplomacy*, Vol.2, 2011

*The Global Corporations and WTO Litigation in Patent Disputes*”, *Journal of Polity and Society, University of Kerala, Volume No.2, Issue No.2, July-Dec.2009.*

“Copyright and neighbouring rights of Broadcasting Corporations in India: Do we need legal reforms?” (co-author Relfi Paul) *Indian Journal of Intellectual Property Law*, Vol.2, 2009.

“India’s Innovation Systems: Changing Structure in the Post-TRIPS Regime”, C-TDG Development Issue Paper 1, 2009.

“South-South Cooperation Strategy in Dealing with the Identified Common Challenges in Intellectual Property”, *Social Science Research Network (February 19, 2009) available at <http://ssrn.com/abstract=1346304>*

“South Asia and WTO Dispute Settlement Mechanism”, *International Journal of South Asia Studies*, vol.1 no 2, July-Dec. 2008.

“WTO, TRIPS and South Asia: Internalisation of IP Law and the Problem of Access to Medicines”, *Indian Journal of Politics and International Relations*, vol. 2, July-Dec. 2008.

“WTO, Indian Agriculture and EU Protectionism”, ISDA Journal: Studies in Development and Administration, vol.18, no.1 & 2, Jan.-June 2008.

“A Case for India -Bangladesh Free Trade Agreement”, Occasional Paper Series 2, School of International Relations and Politics, Mahatma Gandhi University, Kottayam, Kerala, 2007.

Working Paper

“WTO, TRIPS and South Asia: Does International Law penalise the poor?” *Jean Monnet Working Paper*, European University, Florence, Italy, to be published in September 2012.

#### **D. Presentations of Papers in International/National Conferences**

1. Paper presented at the Millennium Conference, 2010 (‘International Relations in Dialogue’) at London School of Economics and Politics on *Politics of North- South Dialogue: A Constructivist Explanation to the current Impasse in Doha Round Negotiations* (Co-author Schieder Siegfried) on Oct 17, 2010

2. To present a paper entitled Regime Collisions in Health Governance: Does the WTO TRIPS regime collide with the WHO's efforts in Africa? in ‘Are There Regional Approaches to International Law and Institutions?’ conducted by American Society of International Law and African Society of International Law. Supposed to be held on June 19-21, 2010, Alexandria, Egypt. (Postponed to 2012).

3. WTO, TRIPS and South Asia: Does International Law Penalise the Poor?, Paper presented at Robert Schuman Centre for Advanced Studies, EUI, Florence on 28<sup>th</sup> April, 2010.

4. WTO, Global Governance and the Developing Countries- The Indian Experience, Prague Conference on Political Economy, March 19-21, 2010, Prague, Czechoslovakia.

5. The Global Corporations and WTO Litigation in Patent Disputes (1995-2004), paper presented at International Conference of Jurists on “Terrorism, Rule of Law & Human Rights” (December 13-14, 2008) at New Delhi, India.

6. Paper on India’s Innovation Systems: Changing Structure in the Post-TRIPS Regime; and conference report presented at International Seminar on “Emerging India: Strategic Options in the New Century” conducted by School of International Relations and Politics, Mahatma Gandhi University on 26-27<sup>th</sup> February 2007, Kottayam, Kerala.

7. *The Changing Nature of TRIPS: WTO’s Fair Deal*, paper presented at International Seminar on “India and the New Global Intellectual Property Rights Regime (IPR): Challenges, Opportunities and Options”, 2006 August 2-4 at Kottayam, Kerala.

8. *Intellectual Property Rights and Information Technology* paper presented at “Seminar on IT Futures”, conducted by Department of Futures Studies on 29<sup>th</sup> March 2003, Thiruvananthapuram, Kerala.

#### **E. Participation in International/National Conferences**

1. FICCI and Intellectual Property India’s programme on Intellectual Property Sensitization, held on 26<sup>th</sup> February 2009 at New Delhi, India participated.

2. Managing the Global Financial Crisis: The Role of WTO in “Global Financial Crisis: Implications for India” conducted by Centre for Trade, Development and Governance, School of International Relations and Politics, Mahatma Gandhi University (January 12-13, 2009) at Kottayam, Kerala.

3. *The UN vs. WTO: Does WTO’s Treaty Interpretation of TRIPS violate Jus Cogens?* Round Table Discussion on UN and World Politics, 24 October 2007

4. Regional Stakeholders Consultation workshop on *NAMA and Agriculture*, October 30, 2006, at Chennai

Conferences Organised

Prof. Joseph Frey, New York, special lecture Global Financial Crisis, on 12/1/2012

TP SRINIVASAN, special lecture on Indo-US defence cooperation after the nuclear deal Conducted on 24/08/2011

MP JOSEPH, Head, the International Labour Organization (ILO) in Cambodia gave Special Lecture ON *The International Labour Organization and India: The Past, the Present and the Future* on 28/09/2011

Prof. Gopa Kumar, Dean, Faculty of Social Sciences, University of Kerala gave special lecture on 'Parliamentary Democracy in India on 24<sup>th</sup> October. Prof. Gopa Kumar also gave training to MA students for conducting Model Parliament on 24<sup>th</sup>, 25<sup>th</sup> and 28<sup>th</sup> of October 2011.

Convener, *Global Financial Crisis: Implications for India* conducted by Centre for Trade, Development and Governance, School of International Relations and Politics, Mahatma Gandhi University (January 12-13, 2009) at Kottayam, Kerala in association with CENTAD, New Delhi and IGNOU, New Delhi

Co-Convener, International Seminar on *Emerging India: Strategic Options in the New Century* conducted by School of International Relations in association with Ministry of External Affairs and CENTAD, New Delhi on 26-27<sup>th</sup> February 2007.

#### **F. Research Supervision (Ph.D) (8 students)**

PhD awarded: Dr Santosh Mathew

#### **(5).Vinodan.C: Assistant Professor, School of International Relations and**

##### **Politics A-. Professional Achievements**

1. Chairman, M.A Political Science CSS Exam Board, Kerala University.
2. Member, Board of Studies in International Relations and Politics, Mahatma Gandhi University.
3. Member, Editorial Board, South East Asian Journal of Social and Political Issues (Indonesia), ISSN 2088-2955.
4. Member, Editorial Board, Journal of Human Security ( Canada).
5. Associate Editor, South Asian Journal of Diplomacy.
6. Associate Editor, Indian Journal of Politics and International Relations.
7. Coordinator, KPS Menon Chair activities 2011.
8. Prepared/ offered two new courses for PhD Course work.
9. Served as Assistant Coordinator for UGC Innovative M.A. Programme on Public Policy and Governance.
10. Attended the curriculum development workshop in Political Science, M.G University.
11. Associate, Human Security Institute, Canada.
12. Proposed/ prepared a new innovative elective course on Energy Security for M.A IR, HR & Public Policy and Governance.
6. Convenor MPhil Exam in IR 2011
7. Convenor, M.A Third Semester Exams IR, HR and Public Policy and Governance- 2011.

#### **D. Projects**

##### **(1) Major Research Project**

PROJECT DIRECTOR, ICSSR MAJOR RESEARCH PROJECT,

TITLE: 'Terrorism and Nuclear Deterrence in South Asia: A Study on the Issues and Challenges in India's National Security Strategy' (Ongoing)

##### **(2) Major Research Project**

PRINCIPAL INVESTIGATOR, UGC, MAJOR RESEARCH PROJECT

TITLE: "Energy Security for the Emerging India: A Study on the Problems and Prospects of Expanding the Nuclear Option" (Completed)

### **C. Publication**

C. Vinodan, Terrorism and Nuclear Security in South Asia: The of Pakistan, IJSAS, 4 (2) 2011, pp. 273-90. ISSN 0974-2514

C. Vinodan, Shibu M. George (2011), Renewable Energy Development in India, Journal of Parliamentary Studies, Vol.2, Issue 1, ISSN 2231-0355

### **D. Presentations of Papers in International/National Conferences**

### **E. Participation in International/National Conferences**

Participated in 6 International/National Conference

### **F. Research Supervision (Ph.D)**

- Supervised/produced two MPhil dissertation.
- Guiding 9 PhD students

### **(6) Bijulal. M.V.: Assistant Professor, School of International Relations and Politics**

#### **A. Professional Achievements**

Member Board of Studies, International Relations and Politics, Mahatma Gandhi University Question setter, Political Science (M.A) University of Kerala  
Resource Person, Political Science section, Acquire Programme, School of Social Sciences, M.G. University

#### **B. Projects : Nil**

### **C. Publication**

English

M.V. Bijulal (2011) "Struggle as Political Communication: Struggle as Political Communication: Migrant Lifeworlds and Human Rights Questions in the GCC Countries, *Indian Journal of Politics and International Relations* , Vol.3, No.1

International Journal of Social and Economic Research Year : 2011, Volume : 1, Issue : 2 First page : ( 351) Last page : ( 364) Online ISSN : 2249-6270.

Malayalam

M.V. Bijulal (2011) *Americanisathinte Nava Nirmithi Iraquil Ninnulla Paadangal* (Reconstruction of Americanism: Lesson from Iraq), in *Bheekara Virudha Yudham: Arab Lokathe U.S. Agenda* ( American Agenda in the Arab World)

### **D. Presentations of Papers in International/National Conferences**

Presented a paper "Migrant Work and Human Rights in the GCC Countries" at the International Conference on "Diaspora and Development: Prospects and Implications for Nation States" 8, September 2011

### **D . Presentations of Papers in National Conferences**

Presented a paper **on Paddy culture in Kuttanadu: Memory, History and Folk Traditions**, Organised by the Indiragandhi Centre for the Arts, New Delhi, held at the University of Pondicherry, 07 December 2011.

Presented a Thematic Paper on Social Movements at the academic conference held on the occasion of the International Book Fair on 19 January 2012., at Mahatma Gandhi University.

Presented a paper on "New Americanism and its impact on Academic Disciplines on West Asia", Keluvettan Smaraka Padana Kendram, Kozhikkode, Kerala on 13 August 2011



Presented a paper on “Right to water in Rural India: Readings on conflict resolution Experiences from Chakwara Rajasthan “ National Seminar on Conflict Resolution in South Asia, Centre for Gandhian Studies, Alphonso College, Pala; and Centre for Asia Studies, Chennai, 1-2, February 2011.

Presented a paper on “**Contemporary Democratic Movements in West Asia and North Africa: Social Readings on Peoples Movements**” , 31 October 2011, At School of International Relations, Mahatma Gandhi University, Kottayam, Kerala.

Keynote address on “Climate Change and Development and the Human Rights” at UGC Sponsored National Conference on *Climate Change: Challenges and Strategies* organized by Post-graduate Department of Chemistry & Centre for Gandhian Studies, Newman College, Thodupuzha in association with Kerala State Council for Science Technology and Environment held during February 15, 2012.

#### **E. Participation in International/National Conferences**

Participated in a workshop on Curriculum Development in Political Science (Post Graduate) conducted by Mahatma Gandhi University Kottayam, Kerala on 2-3 February 2012 at the School of International Relations & Politics, MGU, Kottayam.

#### **F. Research Supervision (Ph.D)**

(7) **Dimpi V.Divakaran, Assistant Professor, School of International Relations and Politics**

#### **A. Professional Achievements**

Member, Board of Studies of Political Science, Calicut University  
External Examiner in Calicut University (for MA Political Science)

Additional Examiner in Kerala University

Question paper setter in Kerala University

Acted as member College Development Council, MG University Kottayam

#### **B. Projects**

#### **C. Publication**

1) “Kosovo Verdict and the Revisit of Self-Determination Debate”, in *Journal of Polity and Society*, Vol 3 (2) July – Dec 2010

2) “Understanding Nationalism”, in *Indian Journal of Politics and International Relations*, Vol-3 (1&2), 2010.

#### **A) Presentations of Papers in International/National Conferences**

#### **B) Participation in International/National Conferences**

1. **Coordinations and Compulsions of Indian Foreign Policy** – Conference organized by Global India Foundation on 2-3 of August at New Delhi.

2. **Shifting Sands: India in the Changing Global Order** - First National Conference on International Relations –New Delhi- 22-23 Oct 2011

3. **The Asian Century** – Conference d by Australia India Institute at Kolkata, 5-6 Dec 2011

4. **New History: A Critical Appraisal**, MGU, 19-21 Jan 2012

5. Participated in the **Workshop** to the Revision of PG programme( Political Science) in MG University.

#### **F. Research Supervision (Ph.D)**

.

## **10. School of Letters (1988)**

1. **Name of the School** : School of Letters

2. **Head of the Department** : Dr. K.M Krishnan

### 3. Staff profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	8	-	-	-	8
Non Teaching	3	3	-	-	6

### 4. Courses offered with number of seats

Post graduate	Number of seats 40		M.Phil	Number of seats 22		Ph.D 2011	Number of seats	
	Men	Women		Men	Women		Men	Women
M.A Mal. & Eng	11	26	M.Phil Mal. & Eng	5	17		25	25

### • Student Intake

Post Graduate (10-12)				M.Phil (10-11)				Ph.D (2010)			
Appeared (9-11)		Passed (9-11)		Appeared (10-11)		Passed (10-11)					
M	W	M	W	M	W	M	W	M	W	M	W
5	15	5	14	10	12	10	12	3			

### 6. Details of Tests cleared by students

Sl. No.	National Level UGC NET	State Level
	Maya Venugopal Mohan Anu Lakshmi Babu Aswathy S Nisha K C Babitha B Jyothis S. Jayan K G	Bhagyalakshmi  JRF

### 7. Library

- Total number of Books : 13000
- Total Number of Periodicals : 5
- Number of titles added during the year : 500

### 8. Grants Received From

- State Government : Nil
- Central Government : Nil
- University Grant Commission : Rs.13,00,000/-
- Others : Nil

9. Projects Undertaken : Nil

10. Seminars conducted : Nil

11. Seminars conducted by Faculty : Nil

12. Publications by the Faculty with Impact factor of the Publications (paper attached)

13. Research Highlights of Faculty / Scholars : (paper attached)

14. Academic Achievements : (Paper attached)

15. Student Achievements – Academic : Nil

### 16. Students Activities / Achievements (Extra curricular)

- National Service Scheme : Active
- Arts Festivals : Several students won prizes at University Youth Festival

c. Sports	: Nil
d. Games	: Nil
<b>17. Industry Varsity Linkage</b>	: Nil
<b>18. Academic Tie-Ups (if any)</b>	: Nil
<b>19. Student Progression)</b>	: Nil
<b>20. Campus Recruitment (if any)</b>	: Nil
<b>21. Number of Ph. D's awarded so far</b>	: 75
<b>22. Research Scholars Registered in the School</b>	: 75

#### **Activities during 2011**

- G. Sanakara Pillai Memorial Lecture was delivered by Prof. K G Paulose, former Vice Chancellor, Kerala kalamandalam Deemed University at Baselius College Auditorium on 1 January 2011. The Memorial lecture was on the topic “Arangile Dhwanipadam”.
- C K Thomas Theatre person and long associate of G Sanakara Pillai gave the commemoration lecture.
- Followed by [Kuchelavrittam @ Reloaded](#) a play presented by SOL students.
- February 21 was observed as Mathrubhashadinam a dedicated to the propagation of the importance of mother tongue. K C Narayanan, eminent critic and Editor, *Bhashaposhini* was the Chief Guest.
- Innovative teaching tools like the Interactive Board and Podium were installed at SOL in January.
- Students of M A and M Phil went on a study tour to various places along the banks of Bharathapuzha. They isited many places of interest and importance. They also met and interacted with many eminent personalities. A report and a document based on the tour are under preparation.
- Special Lecture given by Dr. N Ajaya Kumar, Associate Professor, Department of Malayalam SSUS, Kalady on 4 July 2011.
- One day seminar on Media and the Changing Malayali Mind
- The fifth lecture on History in the “Key Words” Lecture series was given by Dr. M R Raghava Varier on 27 July 2011.
- Special Lecture ancient scripts by Prof. T. Pavithran, University of Calicut on 29 September 2011.
- Hosted an interactive session with a group of theatre students from France on 27 October.
- Prof. P. Madhavan Professor of Linguistics, EFL University Hyderabad held an interactive session with students on 28 October 2011.
- Special Lecture on ancient scripts by Prof. T. Pavithran, University of Calicut on 10 and 11 November 2011.
- The Eighth R Narendra Prasad Memorial Lecture was given by Prof. Udaya Kumar of Delhi University on the Stories of C. Ayyappan

#### **Activities of Dr. K M Krishnan, Director in 2011**

January 6 Valedictory Lecture at Seminar on Vedic Reflections in Indian English Literature, Sree Sankara Vidya Peetom College, Valayamchirangara, Perumbavoor.

January 14 Paper on Rereading “Paatunna Pisaach” Seminar organised by Sahitya Akademi and Changampuzha Smaraka Trust, Edappally

Took part in Workshop on Translating Malayalam poet Vyloppilli Sreedhara Menon organised by Sahitya Akademi New Delhi during October at Ernakulam.

**P.P. Raveendran, 2011**

**Research/Publication Project**

Working on the project The Oxford Anthology of Malayalam Literature 1889-2009 with the support of the Department of Culture, Government of Kerala. The typescript to be submitted to Oxford University Press in mid-2012.

**Ph.D Guided (Awarded)**

1. K. Jeevan Kumar, "The Shifting Paradigms of History in the Novels of John Fowles and Umberto Eco"
2. Sr. Alphonsa P.O., "A Bakhtinian Reading of Selected Novels of Bruce Marshall"

**Academic Recognitions**

1. Nominated as Dean, Faculty of Foreign Languages, Sreesankaracharya University of Sanskrit, Kalady.
2. Nominated as Member, Faculty of Arts, University of Kerala, Thiruvananthapuram.

**Paper Published (English)**

History as Textual Practice: Reading Contemporary Malayalam Fiction," *Summerhill: IIAS Review* 17.1(2011): 49-55.

**Papers (Malayalam)**

"The Critical Genius of Mundasseri," ed. V.S. Anil Kumar (New Delhi: Sahitya Akademi, 2011).  
"Kathayile September Viplavam," *Ezhuthum Vaayanayum*, ed. Shaji Jacob (New Delhi: Sahitya Akademi, 2011).

**Lectures, Seminars and Workshops**

Inaugural Lecture on "The Indian Renaissance and the Politics of Language" at the Seminar on Language and the Renaissance, Centre for Renaissance Studies, Sree Sankaracharya University of Sanskrit, Kalady, 16 June 2011

24<sup>th</sup> CA Sheppard Memorial Lecture, St Berchman's College Changanasserry, 30 March 2011 (Theme: "World Literature: Concept and Concerns")

UGC-CAS Workshop on Comparative Literature Methodology, Jadavpur University, Kolkata, 22-23 March 2011 (Resource Person: Lecture on "Literary Historiography and Methods of Translation")

CLAI Biennial International Conference on Comparative Literature, Central University Gujarat, Ahmedabad 3-6 March 2011 (Plenary lecture: "Literature as Supermarket: World Literature Today")

Folklore Academy Seminar on Folklore and Literature, Kerala Sahitya Akademi, 22-23 February 2011 (Paper: "Literature and Folklore")

National Seminar on Translating Cultures, School of Translation Studies and Training, IGNOU, New Delhi, 17-18 February 2011 (Paper/Chair: "Translation as Literary History: Reflections on Modernity and Aesthetics")

IACLALS – University of Kerala Seminar on Comparative Cultural Studies: Towards New Postcolonial Paradigms, 27-29 January 2011, Thiruvananthapuram (Plenary lecture: "From Comparative Studies to Cultural Studies")

Sahitya Akademi National Seminar on "Re-reading Romanticism: Changampuzha Birth Centenary Seminar," Cochin, 14-16 January 2011 (Paper/Chair: "Changampuzha and Modernism")

Dr.P.S. Radhakrishnan,  
READER, School of Letters,

1. **State Level Co-ordinator of Three day Selection Camp, THANMA** : Scholarship Programme for encouraging talents in Literature held on 3,4,5 January 2011 at M.G. University.

11. **AWARDS:- Won Kerala State Film Award** for the best book on Cinema **Charithravum Chalachithravum:Deshya Bhavanayude Harshamoolyangal.**

- **Book published :-**

**Bhavanayude Charithravarthanum: Malayala kathayude kalavasthakaal'**  
2010 Kottayam S.P.C.S.

Guest Editor – Malayalam Research Journal- **Film Studies** , January 2011

- 4 **Articles**

(1) **Thakazhiyude Charithranveshana Pareekshakal** *Grandhalokam* July 2011

(2) **Visvasichalum Illekkilum, Dracula Padanangal** ( ed. P.K. Harikumar) 2011  
Kottayam :S.P.C.S

5. Appointed as **member, Board of Studies**, Dept. of Comparative Studies,  
Sreesankaracharya University of Sanskrit, Kalady
- 6 Attended Doctoral Committee as External expert at Dept of Malayalam, S.S. U.S , Kalady
- 7 One PH.D awarded under my guidance

- 8 **SEMINARS ATTENDED**

- i. Attended and presented a paper entitled *Shift in Spectatorship of Malayalam Cinema in the age of Kolly Wood*. In the National Seminar organized by Madurai Kamaraj University during February 24 and 25
- ii. Presented a paper entitled *Translation and Malayalam Drama* at the National Seminar organized by St. Xavier's College for Women, Aluva on March 10,2011.
- iii. Presented a paper entitled *Redefining the popular* at the National Seminar organized by Centre for Gandhian Studies , dept, of Malayalam, S. B. College Changanacherry on 16 th March 2011.
- iv. Presented a paper entitled *Global Cinema:Regional Perspectives* in the two day National Seminar organized by SRLC, CIIL, Mysore and Dept. of Malayalam, University of Madras, Chennai on 26 March 2011.
- v. Presented a paper on *Thakazhi's fictional narratives* at the Seminar on short stories in Malayalam organized by Kerala Grandhala Sangham on 26 March 2011

**LECTURES MADE**

- i. Delivered a speech at Prof. RamachandraPai Comemorative lecture at S.B. College Changanacherry on September 14, 2011
- ii. Delivered a Lecture on Story and History based on Thakazhi's short fiction at Pathanamthitta Catholicate College on November 17, 2011
- iii. Delivered a Lecture on Visual Media and Culture at Media Workshop organized by Dept. of Malayalam , St. Thomas College, Kozhencheri , February 22,2011
- iv. Delivered a Lecture Contemporary Relevance of Cinema at N.S. S. Training College, Changanacherry on 2, February 2011
- v. Delivered a Lecture as resource person on Nationalism and Cinema at Refresher course in Malayalam organized by Academic Staff College , Univeraity of Kerala held on 14 November, 2011.

Activities of P Balachandran

1. January 5, 2011- Gave a lecture about Children and Theatre in the *Thanma* Drama Workshop for Children at School of Letters.
2. January 10, 2011- Published an article about *Nadaka Kalari* in *Bhashaposhini* Weekly.

3. February 22, 2011- Presented a seminar paper on Drama and the Audience in D B College Sasthamkotta.
4. February 25, 2011- Drama Class at K E College, Mannanam
5. December 2011- Scripted and Directed the movie *Ivan Megharoopan* based on P. Kunhiraman Nair's life.

### **Activities of Kannassa Chair School of Letters, mahatma Gandhi University during 20.**

In all 12 lectures were given by Prof. Puthussery Ramachandran in 12 districts of Kerala.

1. March Inauguration DB College Pampa, Parumala
2. July 19 University of Calicut
3. July 20 Mananthavadi
4. July 21 Kannur University Neeleswaram Campus
5. August 17 Govt College Tirur.
6. August 18 Govt College Pattambi
7. August 19 Kerala Sahitya Akademi Thrissur
8. September 14 Maharaja's College Ernakulam.
9. September 15 Newman College thodupuzha.
10. September 16 CMS College Kottayam.
11. September 30 Catholicate College Pathanamthitta.
12. October 3 SN Women's College Kollam.

Dr. Harikumar S Assistant Professor in Malayalam School of Letters served as the coordinator for the lecture series.

Activities of Sree Narayana Guru Chair of Mahatma Gandhi University during 2011.

Dr. M R Raghava Varier gave 5 lectures in institutions affiliated to the university and the university main campus.

1. July 27 Inauguration and Lecture No. 1 University Campus
2. July 28 Lecture No.2 University Campus.
3. August 26 New man College Thodupuzha.
4. September 30 Maharaja's College Ernakulam.
5. October 25 UC College Aluva.

Dr. Harikumar S Assistant Professor in Malayalam School of Letters served as the coordinator for the lecture series.

## **11. Department of Life Long Learning and Extension (1991)**

1. **Name and address of the Institution** : Dept. of Lifelong Learning and Extension
2. **Name of the Head of the Department** : K. Sabukuttan  
**Courses offered** : Degree / P.G/. M Phil /PhD :Nil  
(Certificate Courses in Yogic Science, Organic Farming, Counselling& Management of Learning Disability are offered)
3. **Staff profile**  
**Teaching** : Men-Women-SC/ST-Total  
One One  
**Non Teaching** : One One
5. **Student Intake** : Intake, those appeared in the examination  
Passed Men-Women-Total  
**No formal University courses**
6. **Details of tests Cleared by Students** : National/ State level - N/A

7. **Library** : Total No. of Books -Journals - Periodicals  
650 3 2
8. **Grant received from** : A) State Govt. : Nil  
B) central Govt. : Nil  
C) University Grants Commission: yes  
C) others : Nil
- 9.**Projects Undertaken** : Need based project to identify and promos traditional artisans and craftsmen
10. **Seminars conducted** : a) National seminar on Healthy Lifestyle on 29-30 March 2011.  
b) seminar on Organic Farming on 12/03/2011  
c) workshop on Goal Setting on 19/05/2011

**11.National Level/State Level Seminars attended by faculty:**

Attended UGC Sponsored National Seminar on Protection of Human Rights in Kerala, on 23-24 Sept 2011.and presented a paper , at Christian College, Chengannoor.

**12.Publications by the Faculty : Nil 13.Research**

**highlights of the Scholars/faculty : Nil**

**14..Academic Achievements : N/A**

**15. Students achievements- Academic: N/A**

**16. Student activities/ Achievements- (Extra curricular): N/A**

**17. Industry VarsityLinkage** : Nil

**18.Academic tie ups** : Nil

**19. Student progression** : Nil

**20. Campus recruitment** : Nil

**21. Number of PhDs awarded so far** : Nil

**22. Research Scholars registered in the school** : Nil

**23. Alumni Activities:**

Active involvement in the National Seminar, Exhibition and other programmes organized by the Dept.

**24. Any other Achievements:**

a) CAP Help Desks at Kottayam, Pathanamthitta & Pallickathodu for admission to U G Courses 2011-2012.

b) Exhibition Thanima 2011 on 20 August 2011

c) Women Empowerment programme on 5/5/2011

d) old age day celebrated with Mathrubhoomi

## **12. School of Pedagogical Studies (1992)**

1. **Name of the school/Department** : School of Pedagogical Sciences  
(with e-mail and website) [spsmgudir@gmail.com](mailto:spsmgudir@gmail.com)

2. **Head of the School/Department** : Prof..A.Sudharma

3. **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	6	1	0	9
Non Teaching	3	2	0	1	5

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M.Ed	M		W	M		W	M
					40			6	24	5	19

#### 5. Student Intake

Intake, those Appeared in the examination and Passed M(Men), W(Women)																			
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		Passed		M.Phil	Appear ed		Passed		Ph.D	Appear ed		Passed	
	M	W	M	W		M.Ed	M	W	M		W	M	W	M		W	M	W	M
Not applicable					38	1	26			7	2	5	Result not published		10	1(men) 9(women)			

#### 6. Details of Tests cleared by students

Sl. No	National Level	State Level	M.Ed & M.Phil students)
1	UGC SRF – 3, UGC JRF -11, UGC FIP - 6	UJRF - 4	NET – 24

#### 7. Library

- (a) Total Number of Books - 5403  
(b) Total Number of journals - 9  
(c) Total number of Periodicals - Nil  
(d) Number of titles added during the year - 328

#### 8. Grants Received from

- (a) State Government  
(b) Central Government –  
(c) University Grants Commission - XI PLAN GRANT  
-14 LAKHS FOR BOOKS ANDEQUIPMENT  
(d) Others-Specify

#### 9. Projects Undertaken

#### 10. Seminars Conducted

- (a) State Level - 7  
(b) National Level - 2  
(c) International Level - NIL

#### 11. Seminars Conducted by Faculty (Name wise-with details)

##### (a) State Level

##### Dr.A.Sudharma, Professor & Director

1. Organized State Level workshop on Finalization of the Profuse pathways of M.Ed.CBCSS curriculum, School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam on 27.01.2011
2. Co-ordinator of One day Seminar on Learning Disability “Know your child” School of Pedagogical Sciences and School of Behavioural Sciences, in collaboration with Association for Learning Disabilities India on 03.08.2011 at Mahatma Gandhi University.
3. Organized One day Seminar “Towards Synthesising styles of Multimethods Research” at School of Pedagogical Sciences, Mahatma Gandhi University on 29.6.2011.



4. Organized Regional seminar “Right to Education and the Kerala context”, at School of Pedagogical Sciences in collaboration with Council for Teacher Education, Kerala State Centre and Commission for Right to Education, Kerala, on 11.08.2011.
5. Organized one day workshop at School of Pedagogical Sciences in collaboration with SCERT, Thiruvananthapuram on the topic “Total Teacher Transformation” at Mahatma Gandhi University on 13.10.2011.
6. Organized Colloquium on “Teachers and Social Justice Building” at School of Pedagogical Sciences on 11.11.2011.
7. Resource person one day workshop at SCERT for the preparation of a package for qualitative up gradation of Teacher Education programme SCERT, Thiruvananthapuram, on 27.09.2011.

**(b) National Level –**

**Dr.A.Sudharma, Professor & Director**

1. Resource person in Two day National Seminar on the “Recent trends in Pedagogical Practices”. SNM Training College, Poothotta on 17.2.2011 & 18.2.2011
2. Resource person in 2 day national Seminar on “Effluent innovative mindset for Knowledge generation and sharing in the pulsars of Quality learning” at Buddha College of Teacher Education, Muthukulam , Alappuzha on 25.3.2011 and 26.3.2011
3. Delivered the inaugural address on the eve of the celebration of the Ambedkar Jayanti meeting (120<sup>th</sup> birthday) at Mahatma Gandhi University on 26.04.2011.
4. Resource person UGC sponsored National Seminar on “Spiritual Intelligence: A paradigm for Holistic development among learners” at NSS training College, Changanassery .

**12. Publications by the faculty with impact factor of the publications (A short Description):**

**1. Dr.A.Sudharma, Professor & Director**

Text Book- Reflective Teaching Functions (2<sup>nd</sup> and 3<sup>rd</sup>) (2011)  
 St.Joseph’s Press, Kottayam  
 Template of Analytic Rubric for synchronized Assessment of  
 Mathematics proficiency.  
 Pedagogics IX(1): September 2011, 36-39  
 Teaching through stress management. Journals of Indian Education, NCERT  
 February 2011. (Acceptance No.F.10.10/DTEEQ/2011-11/109)

A Road Map towards the organized efforts to extol entrepreneurial mind  
 set among undergraduate Commerce students. Journal Educational and  
 Psychological Research – Accepted.

**13. Research Highlights of Faculty/Scholars (A short description)**

**Dr.A.Sudharma, Professor**

**& Director Ph.D Theses supervised**

1. Developing certain Designs for promoting Reflective Learning practices at Secondary Level. Mahatma Gandhi University, Kottayam
2. Preparation and testing of a model for peer tutoring in Mathematics at Secondary level. Submitted 2 Ph.D Thesis under Research supervision.

**M.Ed Theses 2011**

1. Human Rights Awareness among Tribal School students at Secondary level.
2. Effectiveness of cognitive apprenticeship model for enhancing Accounting and Analytical skills among commerce students at Higher Secondary Level.
3. A Reflective study on the awareness of peace education and Mechanisms of curb the emerging violence among the Teachers at higher secondary level.
4. Effectiveness of folkloristic approach in Malayalam Language Learning at upper primary level.

**M.Phil Theses 2011**

Impact of knowledge management practices for improving creativity of teachers at graduate level.  
Guiding M.Ed, M.Phil & Ph.D students

**14. Academic Achievements (A Short Description)**

1. Reified M.Ed Degree curriculum of Affiliated colleges under M G University on choice Based credit and semester (CBCSS) with grading 2011-12 academic onwards.
2. Reified M.Ed CSS curriculum – SPS 2011-12 onwards.
3. Journal Pedagogics ‘Lightning and releasing of Educational ISSN 2229-7618 Journal of School of Pedagogical Sciences of September 2011

**15. Student Achievements – Academic (A Short Description)**

Students are empowered with creating a skilled Teacher work force and getting placements at Inter National, National and State Level.

**16. Students Activities/achievements – (Extra Curricular)**

- (a) National Service Scheme
- (b) Arts Festivals- Active participation
- (c) Sports
- (d) Games

**17. Industry Varsity Linkage (If any, Short Description)**

**18. Academic Tie-Ups (if any)**

**19. Student Progression – One student joined for Post Doctoral Fellowship**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships)

**20. Campus Recruitment (if any) – NOT APPLICABLE**

**21. Number of PhD’s Awarded so far : 77**

Viva conducted : 2

Synopsis submitted : 2

**22. Research Scholars Registered in the School : Full time – 20, Part time -113**

Sl.No.	Name of Research Scholar	Title	Name of Guide	
FULL TIME				
1	ANILAKUMARI MC			
2	SHEEBA KRISHNAN			
3	SWAPNA GOPINATH			
4	JISHA BABY			
5	LAKSHMI S			
6	PRAMOD D			
7	RAJASREE S			
8	BHAGYA LAKSHMY R			
9	LIZA MATHEW			
10	ANIL KUMAR K P			FIP
11	SURESH K J			
12	LISSA JOSEPH			
13	GEETHA G NAIR			
14	AMBILY S			
15	ANNE MARY THOMAS			
16	VEENA APPUKUTTAN			
17	JISHA JOY			
18	RAKHY RADHAKRISHNAN			
19	BEENA RANI S			FIP
20	ALICE JOSEPH			FIP
21	BINCY THOMAS			

22	MANJU JOSEPH			
23	SREEVRINDA NAIR N			FIP
PART TIME				
1	MANIKANTA VIJAYAN V T			
2	MANJU JOSEPH			
3	S JAYALAKSHMY			
4	FAISAL P N			
5	SUNIL KUMAR M O			
6	SUNITHA SUSAN JOSE			
7	SINDHU S			
8	RONU THOMAS			
9	LATHA JOSEPH			
10	BETSY JOSEPH E			
11	SEEMA GOPINATH			
12	SREERAJ K G			
13	ANNIE MARIE MERLENE			
14	S JAYALAKSHMY			
15	ANUPA SUSAN CHERIAN			
16	PADMA PRIYA P V			
17	ELIZABATH THOMAS			
18	A GEETHA			
19	JAYASREE S			
20	JAMUNA B S			
21	SETHU S NATHA			
22	BINU RAJ A			
23	SURESH CHANDRAKURUP R			
24	SANKARANARAYANAN PALERI			
25	A PRAMELA			
26	LATHA DEVI AMMA J			
27	BINDUMOL K K			
28	SREEVIDYA MARAR			
29	SIVAPRASAD K			
30	NIMMY GEORGE			
31	GEETHA C A			

### 10 STUDENTS COMPLETED Ph.D COURSE WORK

#### 23. Alumni Activities (with e-mail and website)

Alumni meeting was conducted on 17/9/2010

#### 24. Any Other Achievements

Introduced Ph.D course work with 3 papers as cited below.

### RESEARCH METHODOLOGY: Praxis and Paradigms

- I. **Major Paradigms in Research:** A brief history of Research – logical positivism – post positivism, Axiology, Ontology, Positive Epistemology – methodology – constructivist paradigm – Transformative paradigm – Pragmatic paradigm – Merging paradigms-phenomenology – Ethno-methodology-critical deconstruction
- II. Theory and method in Educational Research:  
The basic construction of theories – Theory testing and Methodological theory – substantive theory – Perception Vs explanation – theory verification, Theory generation – prespecified Vs Unfolding theory structure in Research – questions, designs and data

- III. The context and Ethics in Research: The practitioner research – small scale empirical studies – Research with students- BPS/APA ethics code - Ethical issues- Assessing the ethical feasibility of the research – legal restrictions in Research formulations ethical guidance in conducting research with children
- IV. Literature Review and Focusing the Research questions: critical analysis of Literature Review -Conceptual framework and programme theory – Developing Research questions and Hypotheses
- V. From Research questions to Data: Combining qualitative and quantitative data – Research Design – Diversity in qualitative Research – case studies, ethnography – grounded theory- Discourse Analysis – Content Analysis interpretive phenomenological analysis - Action Research- Quasi Experimental Research – Design (Any three)
- Collecting Qualitative Data – interview, observational methods - Documentary Analysis – sampling in qualitative data collection methods - Critically Analyzing qualitative Research
- Mixed method Research – Pragmatic parallel mixed methods Design, pragmatic sequential mixed methods Design – Transformative sequential mixed method Design (any two)– Diversity in qualitative Analysis – Analytic Induction – The Myles and Huberman Framework for qualitative data analysis – Abstracting and comparing, grounded theory Analysis
- Collecting quantitative Data : selecting and developing of quantitative instruments or techniques. Reliability and validity – collecting the Data – Administering the measuring instrument.
- Data Treatment: Quantitative Analysis Strategies choice of Statistics.
- Interpretation issues in Quantitative Analysis – Principles of Statistical inference tests- Meta Analysis Qualitative Analytic Strategies data using computer in qualitative Data Analysis – Triangulating Audits, cultured bias, generalization/transferability.
- Analysis and Interpretation Issues in Mixed methods**
- A Research Plan – the Managerial plan and Research Budget – Writing Research Reports. Utilization of the Research Results – writing for publications – use for social change. Structure and scheme of Examination Ph.D course work

## **EDU P.2 INNOVATIVE REFLECTIONS IN PEDAGOGY**

### **1. A framework for teaching components of knowledge management and professional practices:**

Knowledge matrix and related pedagogy – Tapping the knowledge basis – Meaningful lesson development – Learning Management Systems (LMS) – Learning content Management system (LCMS) – Multi applicability of Teaching Skills and Competencies – change process of knowledge and believes – creating the richness of environments.

### **2. Pedagogical Approaches for e-learning.**

e-learning – K-12 learning – Approaches to e-learning services – Computer Based Learning – Computer based Training – Computer supported collaborative Learning (CSCL) – Technology Enhanced Learning (TEL) – Communication Technologies used in e-Learning – Computer Aided/Manage & Assessment – Electronic Performance support systems – cloud computing – M Learning – Blended learning.

### **3. Instructional Approaches in Virtual Learning:**

Instructional design – Social constructivist – Laurillard’s conversational Model – Gilly Salmon’s Five – stage model – Cognitive Perspective – Emotional Perspective – Behavioural Perspective – contextual perspective – Mode Neutral e – Learning Maturity Model – Heutagogy (self determined learning coined by Stewart Hase) – Ubiquitous learning (U-Learning) Select media and materials – multimedia system – multi image presentation – multimedia kits – interactive animations – Instructional Module

### **4. Innovations in Teaching:**

Instructional procedures and effectiveness:- Teaching of creativity and problem solving, cognitive and effective teaching, constructivist teaching, Higher order thinking.

### 5. Applying Research to Practice and Implications for practice

Aligning and implementing interdisciplinary research – collaborative structures – immersion experiences – Practicing teaching on the research oriented area - Didactic presentation

### 6. Assessment Practices

Identifying expectations

Advanced questioning - Effective assessment - Grading – Rubric designing – Accountability - Assessing process skills and behaviours

Evaluation Frame work: Formative and summative assessment index – open – Book system Course assessment

### 7 Viva voce

Structure and Scheme of

Examination Ph.D Course work

## EDU P.3 Constructs and Practices in the area of Research

### 5. Developing a framework for reconstruction of knowledge:

Outcome based Learning - Reconstruction of Knowledge Base – Generic skills and attitudes – Graduate Attributes – Transactive Process – Focused attention and peripheral perception – Learning as developmental – Learning for global perspective

### 6. Scenario of Teacher Education in the State of Kerala.

Status of interventions in Schooling and Higher Education in Kerala: an Analytical perspective – A critical Assessment of the recent Trends in professional education at tertiary level

### 7. Translating Theory to class room practices -

Developing and presenting instructional Designs based on the area of research (Any 2) Building an ethical Research culture – developing leadership qualities – Building capacity for sustainability – garnering support from Research Personalities.

### 8. Innovations in the respective area of research

Conceptual analysis – theoretical frame work, Recent developments, recent researchers done in the area.

9. Designing Research in the Thrust area specific research methods – tools and techniques variables, Evaluation techniques.

10. Seminar presentation in the topic (minimum 2) within the department.

Structure and Scheme of Examination

Ph.D Course work

Sl.No	Course No.	Course Title	Credit hours/week	Duration of exam	Maximum Marks
1	EDU P1	Research Methodology: Praxis and Paradigm	4 hrs/wk	2 ½ hrs	50
2	EDU P2	Innovative Reflections in Pedagogy	4 hrs/week	2 ½ hrs	50
3	EDU P3	Constructs and Practices in the area of research	4 hrs/week	2 ½ hrs	50

Introduced one core Elective course viz., Learning And Knowledge Management at M.Ed Level both for M.Ed CSS and M.Ed CBCSS Degree programme with grading of Mahatma Gandhi University.

1. State Level workshop on Finalization of the Profuse pathways of M.Ed.CBCSS curriculum, School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam on 27.01.2011
2. One day Seminar on Learning Disability “Know your child” School of Pedagogical Sciences and School of Behavioural Sciences, in collaboration with Association for Learning Disabilities India on 03.08.2011 at Mahatma Gandhi University.
3. One day Seminar “Towards Synthesising styles of Multimethods Research” at School of Pedagogical Sciences, Mahatma Gandhi University on 29.6.2011.

4. Regional seminar “Right to Education and the Kerala context”, at School of Pedagogical Sciences in collaboration with Council for Teacher Education, Kerala State Centre and Commission for Right to Education, Kerala, on 11.08.2011.
5. One day workshop at School of Pedagogical Sciences in collaboration with SCERT. Thiruvananthapuram on the topic “Total Teacher Transformation” at Mahatma Gandhi University on 13.10.2011.
6. Colloquium on “Teachers and Social Justice Building” at School of Pedagogical Sciences on 11.11.2011.

### 13. Department of Printing and Publishing (1988)

#### Staff Profile

Director	: Sri Kurian K. Thomas
Asst. Editors	: Dr. Radhakrishna Varier K. Sri Jayanth K.J. (on leave)
Cultural Officer	: Dr.K.S.Sreekumar
Sr.Grade Asst.	: Thresia Jyothy T. X.
L.D Typist (Provisional)	: Ambili Padmanabhan
Peon	: Shylaja M.T
Books	: 1770

#### Activities:

#### Achievements General

The Department published 191 books which included 67 titles in English, 101 in Malayalam, 22 in Hindi, one Sanskrit and one book on Methodology.

In addition to own publications, the Department undertakes co-publishing projects with reputed publishers like Oxford University Press, Cambridge University Press, Foundation Books, McMillan India, BI Publications, Modern Books, DC Books, Vikas Publishing House, Vasthuvidya Gurukulam, MG University Central Co-operative Store Ltd and Nature Books, Kochi. So far the department published 102 books under the co-publishing scheme.

#### **Publications of DPP(1988-2010)**

Language	Own	Co-publishing	Total
English	17	50	67
Malayalam	47	54	101
Hindi	16	6	22
Sanskrit		1	1
<b>Total</b>	<b>80</b>	<b>111</b>	<b>191</b>

\*upto December 31, 2011

#### **Publications in 2011**

In 2011 the Department published 2 academic books and co-published 9 books with M/S Vikas Publishing House, New Delhi.

Published the book, *Mahishasathakam* a book with the text and commentary in Sanskrit and translation and notes in English. Vanchesvara Diksitas *Mahisasatakam* is a sankrit text which was translated with 18<sup>th</sup> century depicting the decadence of the politics, economic, social and cultural area of South India. It is a collection of 100 verses and considered as an excellent political satire ever written in any

language. The book was released by Dr. K.G. Paulose , former Vice-Chancellor, Keral Kalamandalam by handing over a copy to Prof. M.R. Raghava Warriar, Chief Editor, Publications, Kottakal Arya Vaidyasala

The following text books were co-published with the Vikas Publishing House Pvt.Ltd., New Delhi for second semester MBA regular course.

1. *Indian Legal System* by M.C. Kuchchal and M.V.Pylee
2. *Fundamentals of Marketing* by Arunkumar, Meenakshi N. and T.P. Gopaldaswamy.
3. *E-Business* by Pushpa Singh and Narendra Singh.
4. *Production Management* by Prahlad Narain, S.K. Mandal and Jayalakshmi Subramanian.
5. *Cost and Management Accounting* by S.N. Maheswari, Sharad K. Maheswari and Suneel K. Maheswari.
6. *Operations Research* by C.R. Kothari and K. Kalvathy
7. *Human Resource Management* by P.G. Aquinas, K.M. Pathi and S.C. Srivatsava
8. *Management Information Systems* by Nirmalya Bagchi, Rohit Khurana, Pushpa Singh and Narendra Singh.
8. *Organizational Behavior* by J.S. Chandran.

#### **Excellence in Book Production Awards**

The Department instituted the *Mudranamikavu* Awards for the excellence in book production, one each for printing, book design and cover design for Malayalam books published each year for general and reference books categories. Mudranamikavu 2010 Awards comprising of a citation and certificate were won by Kerala State Institute of Childrens Literature (Childrens), Current Books and Kriya Designing Communication, Trichur (Book Design), D C Books, Kottayam (Printing and Book Production),

Priyaranjan Lal, (Cover Design), Kerala State Language Institute, Trivandrum(Special Jury Award, Reference books) and Rainbow Book Publishing Chengannur (Special Jury, Book Design)

#### **Annual Lecture on History of Malayalam Printing**

Dr. Kesavan Veluthattu Professor of History delivered the first Annual Lecture on the History of Printing (Mudrana Charithram) on 19 December 2011 instituted by the Department. In his lecture, Veluthatt Kesavan provides, from a historian's perspective, a critical overview of the processes of knowledge formation in the era before printing. Prof Rajan Varghese, Pro Vice Chancellor, Mahatma Gandhi University, Kottayam presided over the function.

#### **Participation in INBOFA**

The Department actively participated in the international Bookfair INBOFA 2012 organised by the University by opening a stall in the fair ground for the exhibition cum sale of the books published by the Department. Dr. Radhakrishna Varier, Asst. Editor functioned as the Joint Convener of INBOFA 2012. And Sri. Kurian K. Thomas , Director, DPP functioned as a member of the Advisory and Executive Committees.

Sri. Kurian K. Thomas, Director was the convener of the INBOFA Souvenir committee. The souvenir containing 10 articles on books, reading , publishing etc. was released by Prof. (Dr.) Romila Thapper in the validictory function of the fair on 23<sup>rd</sup> January 2012. The contributors included Dr. Rajan Gurukkal, Vice Chancellor, Dr. Rajan Varghese, Pro-Vice chancellor, M.G. University, Prof. K. Sachidanadan, Sri. M. Mukundan, , Prof. Veluthatt Kesavan, Sri. T.P. Sreenivasan, Prof. D. Vinayachandran, Smt. O.V. Usha, Dr. B.Ekbal and Smt. Mini Krishnan.

#### **Theme Discussions**

The Department organized two theme discussions in the theme pavilion on 16<sup>th</sup> January 2012 as part of the INBOFA 2012. Dr. B. Ekbal, former Vice Chancellor, University of Kerala lead the discussion on *Reading, Writing, Publishing and information in the Digital Era*. Sri. Ravi D.C, CEO,

D.C. Books Kottayam, was the resource person for the discussion on *Future of Publishing*. About 100 students from various colleges participated in the discussions Sri. Kurian K. Thomas also served as a member of the committee for the conduct of the theme discussions (Social Science Group II) along with Dr. T.V. Thulasidharan and Dr. Robinet George

## 14. School of Pure and Applied Physics (1983)

**1.Name of the School/ Department** : School of Pure & Applied Physics  
(With e-mail and website)

Email : mguphysics@gmail.com

Website : www.mgu.ac.in

**2.Head of the School/Department** : Prof.(Dr.) N V Unnikrishnan

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	7	2	1	-	9
Non Teaching	7	5	1	-	13

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
-	-	-	M. Sc.	6	33	10	2	8	30	-	-

### 5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
-	-	-	-	-	M Sc	4	15	4	15	10	2	8	2	8					

### 6.Details of Tests cleared by Students

Sl.No.	National Level	State Level
1	4 (NET)	-

### 7.Library

(a) Total Number of Books : 3438

(b) Total Number of Journals : Nil

(c) Total Number of Periodicals : Nil

(d) Numer of titles added during the year : 122

### 8.Grants Received From

(a) State Government : Rs. 1,12,06,000/- (Plan & non Plan)

(b) Central Government : Nil

(c) University Grant Commission : 94 lakhs

(d) Others - Specify : (a) 40 (DST-FIST) -ongoing

(b) 66 lakhs (SAP-DRS)-ongoing

### 9.Projects Undertaken



- (a) Dr. N. V Unnikrishnan -12.5 Lkhs -KSCSTE
- (b) Dr K Nandakumar – 6 Lakhs- NSC, Kolkata
- (c) Dr S Antony – 1 Lakhs -UGC

**10.Seminars Conducted**

- (a) State Level : 3
- (b) National Level : 3
- (c) International Level : Nil

**11. Seminars Conducted by Faculty (Name wise –with details)**

- (a) State Level : 2
- (b) National Level : 2
- (c) International Level : Nil

**12.Publications by the Faculty with Impact factor of the Publications (A Short Description) List attached**

**13.Research Highlights of Faculty/Scholars (A Short Description)**

Current research interests of the group include Sol-gel synthesis and characterization, Nanoparticles and ceramics, Astrophysics, Structure and Dynamics of Biomolecules, Solar Physics & Quantum computation , plasma Physics and crystalline materials

**14.Academic Achievements (A Short Discription)**

Teachers are invited as Resources persons for national and state level seminars Department is organizing Erudite Scholar in Residence programs, mini seminars/workshops science day celebrations etc Teachers are also recognized as referees as international journals. Teachers are also attracting projects from various funding agencies. Teachers are also included in academic bodies of other universities.

**15.Student Achievements - Academic (A Short Discription)**

Former M. Sc student Arun Gopinath and Archana have selected for Doctoral Research in Canada . Other students, Vinu Vikraman, and Toney Teddy Fernandez received their Post Doctoral position in various foreign Universities. Former department students have placed in several colleges as assistant professor and pursuing research at various Universities abroad. Our students have backed second prize in the intercollegiate Quiz competition.

**16.Students Activities/ Achievements –(Extra Curricular)**

- (a) National Service Scheme : Nil
- (b) Arts Festivals- : Nil
- (c) Sports : Nil
- (d) Games : Nil

**17. Industry Varsity Linkage (If any, Short Description) : Nil**

**18. Academic Tie-Ups ( if any ) : Departments have academic tie-ups with National and International Institutes/ Universities**

**19.Student Progression**

Few of our former students got PDF positions abroad in institute like Caltech, Texas University, Manchester University, University of Leeds, Sheffield, university of Bassel, Salford etc. One of our former students Dr G ajith Kumar (research Associate at Texas University) bagged prestigious GREEN Photonics Award instituted by SPIE

**20.Campus Recruitment ( if any )**

**21.Number of PhD’s Awarded so far : 85**

## 22. Research Scholars Registered in the School

Sl. No.	Name of Research Scholar	Title	Name of Guide
1	Sunil Thomas	Course work Completed	Dr. N. V. Unnikrishnan
2	Ann Mary	Course work Completed	Dr. N. V. Unnikrishnan
3	Ritesh Raj	Course work Completed	Dr. C. Sudarsanakumar
4	Haris P	Course work Completed	Dr. C. Sudarsanakumar
5	Vimal G	Course work Completed	Dr. Cyriac Joseph
6	Viji Vidyadharan	Course work Completed	Dr. P. R Biju
7	Raneesh	Course work Completed	Dr. K. Nandakumar

**23. Alumni Activities** (With e-mail and website) : SPAPforum email [spapforum@gmail.com](mailto:spapforum@gmail.com)  
SPAPforum conducted two invited talks by former students Rahul Nair- Manchester University and Vinu Vikraman, Pennsylvania university. SPAPforum also conducted a seminar on “Mathematica for research and Teaching” by Wolfram Scientific Computing, USA

**24. Any Other Achievements** : Nil

Dr G V Vijayagovindan memorial Lecture – by Prof. (Dr.) M Mukunda  
Workshop on mathematics for Astrophysics



Erudite Lecture by Nobel laureate Anthony Leggett

## List of Publications SPAP – 2011

- George Samuel, Savithri Devi E, **Chandu Venugopal**, Plasma Sci. Tech. **13**(2011)135(**IF=0.553**)
- Prathibha Vasudevan, Karthika S, **Cyriac Joseph**, **C. Sudarsanakumar** and **N.V.Unnikrishnan**, Synthesis of pure anatase TiO<sub>2</sub> nanocrystals in SiO<sub>2</sub> host and the determination of crystal planes by ImageJ, Mater. Letts **65**,664-666(2011).(**IF=2.117**)
- Prathibha Vasudevan, Sunil Thomas, S. Karthika, **P. R. Biju**, **Cyriac Joseph** & **N. V. Unnikrishnan**, Fluorescence enhancement in Sm<sup>3+</sup>/TiO<sub>2</sub> nanocrystallites doped PVP matrix. J Optics **40** (2011)96 (**IF=1.662**)
- Prathibha Vasudevan, Sunil Thomas, **P. R. Biju**, **C Sudarsanakumar** & **N. V. Unnikrishnan**, Fluorescence Synthesis and structural characterization of sol-gel derived Titania/Poly(Vinyl Pyrrolidone) nanocomposites. J.Sol.gel. Sci. Tech. (Accepted)(**IF=1.525**)
- Prathibha Vasudevan, Arun Kumar K. V, Sunil Thomas, **Biju P.R** & **Unnikrishnan N.V**, RGB Emission From RE Ions Doped Titania/PVP Matrix, AIP Conf.Proc.**1391**(2011) 661

- R Pragash, Gigo Jose, N V Unnikrishnan & C Sudarsanakumar, Energy transfer and thermal studies of Pr<sup>3+</sup> doped Cerium Oxalate crystals. Bull. Mater. Sci. **34** (2011) 1(IF=0.944)
- S.G.Bubbly, S.B.gudennavar, D.Viswam and C.Sudarsanakumar. Crystal Structures of 1,7-Bis(furyl)-4-(1,3-dithiolan-2-ylidene)-1, 6-heptadiene-3,5-dione and 1,7-bis(thienyl)-4-(1,3-dithiolan- 2-ylidene)-1,6-heptadiene-3,5-dione. J. Chem Crystallogr.**41**(9)(2011) 1310.(IF=0.666)
- R. Pragash, N.V.Unnikrishnan and C.Sudarsanakumar,Spectroscopic properties of Er<sup>3+</sup> doped Cerium oxalate crystals. Pramana (2011)(IF=0.561)
- M.K.Varghese, N.V.Unnikrishnan and C.Sudarsanakumar. Molecular dynamics simulations and binding free energy analysis of DNA-minor groove complexes with curcumin, Journal of Molecular Modeling (2011)(IF=1.871)
- S.G.Bubbly, S.B.gudennavar, D.Viswam and C.Sudarsanakumar, Synthesis and Crystal Structure of 1,7-Bis(4-methoxyphenyl)-4-(1,3-dithiolan-2-ylidene)-1,6-heptadiene-3,5-dione. J. Chem Crystallogr.**41**(2) (2011) 175.(IF=0.666)
- N. Joseph, Mathew P and C.Sudarsanakumar. Crystal structure of Ethyl 2{[3-(4-chlorophenyl)-3-oxopropanthioly]amino}acetate. Acta Cryst. E (2011) (In Press).(IF=0.413)
- Devasia J., James M., Paul B., Indulekha K., 'Timing and spectral studies of the transient X-ray pulsar GX 304-1 during an outburst', MNRAS **417** (2011) 348(IF=4.888)
- Devasia J., James M., Paul B., Indulekha K., 'RXTE-PCA observations of 1A 1118-61: timing and spectral studies during an outburst'. MNRAS **414** (2011) 1023 (IF=4.888)
- James M., Paul B., Devasia J., Indulekha K., 'Flares, broadening of the pulse-frequency peak and quasi-periodic oscillations in the transient X-ray pulsar 4U 1901+03'. MNRAS **410** (2011), 1489(IF=4.888)
- Indulekha K., Ambili K., Jog C. J., 'Gas dynamical friction on prestellar clumps and open clusters'. Recent Advances in Observational and Theoretical Studies of Star Formation' ASI Conference Series (ed) Annapurni Subramaniam, (2011) (accepted)
- Rana Saha, Ajmala Shireen, A. K. Bera, Sharmila N. Shirodkar, Y. Sundarayya, Nandakumar Kalarikkal, S. M. Yusuf, Umesh V. Waghmare, A. Sundaesan and C N R Rao, Structure and magnetic properties of the Al<sub>1-x</sub>Ga<sub>x</sub>FeO<sub>3</sub> family of oxides: A combined experimental and theoretical study, Journal of Solid State Chemistry, **184** (2011) 494(IF=2.261)
- Seema. R and Nandakumar Kalarikkal, A New Synthetic Pathway of Sr<sub>2</sub>CeO<sub>4</sub> Blue-White Phosphor and its Characterization, Journal of Luminescence, **31**, (2011)2181 (IF=1.795)
- Nuja. J, Suchand Sandeep. C. S., Reji Philip and Nandakumar. K , Nonlinear optical properties of nanosized rare earth doped strontium barium niobate ceramics, Spectroscopy Letters,**44**, (2011)334 (IF=0.741)
- R. Seema, C.S. Suchand Sandeep, Reji Philip and Nandakumar Kalarikkal, An open aperture z-scan study of Sr<sub>2</sub>CeO<sub>4</sub> blue phosphor, J. Alloys and Compounds, **34**, (2011) 8573(IF=2.134)
- Emilie Bouthegourd, K. R. Rajisha, Nandakumar Kalarikkal, Jean M. Saiter and Sabu Thomas, Natural rubber latex/potato starch nanocrystal nanocomposites: correlation morphological/electrical properties Materials Letters doi:10.1016/j.matlet.2011.07.069 Key: citeulike:9616902 (2011) (IF=2.117)
- B. Raneesh, I. Rejeena, P. U. Rehana, A. Saha, P. Radhakrishnan and N. Kalarikkal, Nonlinear optical absorption studies of sol-gel derived Yttrium Iron Garnet (Y<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub>) by Z-scan technique, Ceramics International- doi10-1016/j.ceramint2011.10.005 (2011)(IF=1.471)
- Nuja J and Nandakumar Kalarikkal Structural and Photoluminescence studies on nanosized Samarium doped Strontium Barium Niobate ceramics , Spectroscopy Letters-In Press (2011)(IF=0.612)
- Jeevan Job Thomas and Nandakumar Kalarikkal, Mossbauer Study of Ni, Ni-Co and Co Ferrite Nanoparticles, American Institute of Physics Conference Proceedings, **1349**, (2011) 1175
- R. Seema, C. S. S. Sandeep, Reji Philip and Nandakumar Kalarikkal, Luminescence and Optical Limiting Properties of Sr<sub>2</sub>CeO<sub>4</sub> Blue Emitter, American Institute of Physics Conference Proceedings,**1349**, (2011) 1273
- Shiji Krishnan and Nandakumar Kalarikkal,The Open Aperture Z-Scan Studies on Biferroic YCrO<sub>3</sub>, AIP Conf. Proc. 1349, 1277-78 (2011).

- I. Dhanya and **C. S. Menon**, "Low Temperature Effects On Electrical And Optical Properties Of Vacuum Annealed Zinc Tetra- Tert- Butyl 2, 3 Naphthalocyanine Thinfilms", J. Nano-Electron. Phys., **3** (2011) 426.
- I. Dhanya and **C. S. Menon**, "Annealing effects on electrical, optical and structural properties of semiconducting transparent tetra-tert-butyl 2,3 naphthalocyanine thinfilms", Journal of Non-Crystalline Solids **357** (2011) 3631.(**IF=1.483**)
- I. Dhanya and **C. S. Menon**, "Surface morphological, structural, electrical and optical properties of annealed Vanadyl Tetra Tert Butyl 2, 3 Naphthalocyanine thin films", Vacuum, (Accepted ) (**IF=1.048**)
- Raji Koshy, **C.S. Menon**, Determination Of Thermal Activation Energy And Grain Size Of Iron Hexadecachloro Phthalocyanine Thin Films, J. Nano- Electron. Phys.**3**, (2011) 36
- Raji Koshy, **C.S. Menon** OPTOELECTRIC PROPERTIES OF THERMALLY EVAPORATED CIAICIPc THIN FILMS J. Nano- Electron. Phys.**3**, (2011) 521
- Nisha S. Panicker and **C. S. Menon** , Non-linear optical properties of composite Naphthalocyanine thin films with nanocrystalline morphology, Thin solid films (In press)(**IF=1.909**)
- Nisha S. Panicker and **C. S. Menon**, Effects of gamma-ray irradiation and thermal annealing on structural, optical and electrical properties of vacuum deposited vanadyl 2,3-naphthalocyanine thin films, Journal of Materials Science, **46**, (2011)4479(**IF=1.859**)

## 15. School of Social Sciences (1989)

**1. Name of the School/ Department** : SCHOOL OF SOCIAL SCIENCES  
(With e-mail and website) : sssmgu@gmail.com

**2. Head of the School/Department** : Dr.K.T.Rammohan

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	1	2	Nil	6
Non Teaching	6	1	Nil	Nil	7

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
Nil			M.A. History	10		M.Phil in Social Sciences	12		Ph.D.	27	
			M.A. Anthropology	5		M.Phil in Social Transformation and Empowerment	6				
						M.Phil in Human Ecology & Natural Sciences	6				

### 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed										M-Men, W-Women					
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed
	M	W	M	W		M	W	M	W		M	W		M	W	
Nil					M.A. History	3	7	Course in progress	M.Phil in Social Sciences	5	6	Course in progress		N. A.	N. A.	

					M.A. Anthropology	2	Nil	Course in progress	M.Phil in Social Transformation and Empowerment	1	2	Course in progress			
									M.Phil in Human Ecology & Natural Sciences	-	2	Course in progress			

**6. Details of Tests cleared by Students** : Nil

**7. Library**

- (a) Total Number of Books : 9529  
(b) Total Number of Journals : 4 journals & J Store  
(c) Total Number of Periodicals : 5  
(d) Number of titles added during the year : 104

**8. Grants Received From**

- (a) State Government : Nil  
(b) Central Government : Nil  
(c) University Grant Commission : Nil  
(d) Others - Specify : Nil

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** (Name wise –with details)

- (a) State Level :Workshops and Camps in connection with ACQUIRE Programme 2011  
(b) National Level : Nil  
(c) International Level : Nil

**12. Publications by the Faculty with Impact factor of the Publications**

(A Short Description) : Nil

**13. Research Highlights of Faculty/Scholars**

(A Short Description) : Nil

**14. Academic Achievements** (A Short Description) : Nil

**15. Student Achievements - Academic** : Nil

**16. Students Activities/ Achievements** –(Extra Curricular)

- (a) National Service Scheme : Nil  
(b) Arts Festivals : Nil  
(c) Sports : Nil  
(d) Games : Nil

**17. Industry Varsity Linkage** (If any, Short Description) : N.A.

**18. Academic Tie-Ups ( if any )** : N.A.

**19. Student Progression** : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment (if any)** : NIL

**21.Number of PhD's Awarded so far** : 25

**22. Research Scholars Registered in the School**

Sl.No.	Name of Research Scholar	Title	Name of Guide
1	Suresh K.R.	Forest, People and Social formation – A Historical enquiry of Attappady Valley – Kerala (Part-time)	Dr.Rajan Gurukkal

2	Saju Y.	Sociology – Symbolic Exchanges and Spatiality of Social Sciences	Dr.Rajan Gurukkal
3	Ruby D.K.	Film Industry with subsidiaries of India Specially Kerala – A study of its industrial aspects, ways & Turns	Mrs.Radhika P. & Dr.Raju S.
4	Haripriya M.	Industrial Development in Malabar – Early attempts (1930-1950) <b>(Part-time)</b>	Dr.Gangadhara Menon
5	Vipin Kumar R.	Decentralised Planning in Kerala – An analysis of Institution	Dr.Rajan Gurukkal
6	Aneesudheen P.K.	Communalisation of Kerala Society – Study of few cases	Mrs. Radhika P.
7	Ancy James	Education and Depressed Class in Colonial Kerala History	Dr.P.K.Michael Tharakan
8	Philip Mathew	Understanding Damming and Development	Dr.Raju S.
9	Robi Augustine	Kerala Society and Catholic Church – Communication Technique	Dr.T.S.Girish Kumar
10	Mayamol V.K.	Development among Tribes in Kerala (Part-time)	Dr.P.Sanal Mohan
11	Chanchal Raj G.R.	Self Mortification Rituals in Kerala – A study	Mrs.Radhika P.
12	Deepa V.M.	Visual Media in Kerala – Language and Images – A study on the scope and significance of Visual Media on the Construction of Languages through Images	Dr.T.S.Girish Kumar
13	Suresh Chellappan	History of Black magic in Kerala	Dr.Raghava Varrier
14	Sivadasan T.P.	Community Organizations and Secularism in Kerala	Dr.T.S.Girish Kumar
15	Prasannan A.	Party Press in Kerala – A Comparative Study on the role of Party Press in Kerala on social transformation with reference to Deshabhimani, Veekshanam, Janayugam, Janmabhoomi and Chandrika	Dr.T.S.Girish Kumar
16	Jayaprakash D.	Mind in the Indian Philosophy An Epistemological Enquiry <b>(Part-time)</b>	Dr.T.S.Girish Kumar
17	Rajesh Kumar K.	Political Economy of the Theyyam – A study of the time space Homology <b>(Part-time)</b>	Dr.Michael Tharakan
18	Harish D.	Advaita and New Science <b>(Part-time)</b>	Dr.T.S.Girish Kumar
19	Abraham Varickamackal	“Tribals and Development Administration in North-East with special reference to Arunachal Pradesh	Dr.T.S.Girish Kumar
20	Renu P. Cherian	Popular Christianity – A Sociological understanding	Dr.P. Sanal Mohan
21	Anish Mathew	The Impact of Socio-Cultural and Political Changes on the Economic Performance of Kerala Economy – A study with reference to Kuttanad Region.	Dr.Baby Thomas
22	Binoy A.A.	Colonial Modernity and Caste Reforms in Kerala : Implications for Dalit Culture and Identity	Dr.P.Sanal Mohan
23	Tiju C. Thomas	Impact of post Modernisation on livelihood strategies of the Kadar Tribe in Kerala	Dr.Raju S.
24	Nancy Liza Thomas	Romantic Love, Marriage and Domesticity – A study of Marriage practices in Kerala	Dr.P.Sanal Mohan

25	Bini Beena	Women in Urban Society : A case study of Kollam	Dr. T.S.Girish Kumar
26	Rajitha P.P.	Local Governance and Social Justice – A study of Dalit Communities in Kerala	Dr. T.S.Girish Kumar
27	Lowewin K. Cherian	Formation of Self in the age of Globalization – A study of the Marthomite Community in Kerala	Dr.P.Sanal Mohan

### 23. Alumni Activities (With e-mail and website)

The alumni participated in the academic activities of the School by supporting in the Organization of Seminars, by engaging in discussions with the students and helping in the ongoing Projects of the School.

### 24. Any Other Achievements

Collection of archaeological artifacts from various parts of Kerala and establishment of an archaeological museum.

## 16. School of Tourism Studies (2010)

**1. Name of the School/ Department** : School of Tourism Studies  
(With e-mail and website) : sts @mgu.ac.in, www .mgu.ac.in

**2. Head of the School/Department** : Dr. Robinet Jacob

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	1	-	-	5
Non Teaching	3	1	-	-	4

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
-----			MTM III Sem	11	8	-----			-----		
			MTM I Sem	10	10						

### 5. Student Intake

Intake : those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
-----					MTM III Sem	11	8			-----					-----				
					MTM I Sem	10	10												

**6. Details of Tests cleared by Students** : Nil

### 7. Library

(a) Total Number of Books : 702  
(b) Total Number of Journals : Nil

- (c) Total Number of Periodicals : 8  
 (d) Numer of titles added during the year : 293

#### 8.Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

#### 9.Projects Undertaken

Submitted a project Proposal under the Obama -Singh 21<sup>st</sup> century Knowledge Initiative Grant for collaboration between School of Tourism Studies, Mahatma Gandhi University with Department of Hospitality and Tourism Management, Purdue University, West Lafayette, USA and School of Business and Technology, University of Wisconsin- Parkside, Wisconsin.

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

#### 12.Publications by the Faculty with Impact factor of the Publications

##### Dr. Robinet Jacob, Coordinator, School of Tourism Studies

###### BOOKS (1 No during 2011-12)

- Tourism Products of India: A National Perspective**, Abhijeet Publishers, New Delhi, 2012. (ISBN 978-93-81136-62-1)

##### Dr. Robinet Jacob, Coordinator, School of Tourism Studies

###### JOURNAL PUBLICATIONS (2 Nos during 2011-12)

- "Product Attractiveness of Kerala Houseboats in Promoting Tourism - A Performance Analysis" (2011)**, *International Journal of Hospitality & Tourism Administration* (Under Review).
- Health Care in Foreign Hands: Trends, Issues, Directions (2011)**, Review of Business Research, Las Vegas, USA.

#### 13.Research Highlights of Faculty/Scholars (A Short Description)

##### Dr. Robinet Jacob, Coordinator, School of Tourism Studies

###### FULL PAPER IN INTERNATIONAL CONFERENCE PROCEEDINGS (2 Nos during 2011-12)

- "Product Attractiveness of Kerala Houseboats in Promoting Tourism - A Performance Analysis" (2011), International Society of Travel and Tourism Educators (ISTTE) Conference Proceedings, Florida, USA 20-22Oct, 2011.
- "Tourism Curriculum in Greece and India – A Comparative Analysis", Robinet Jacob, Moira, P; Mylonopoulos, D; Kuruvilla, A; Weng, R (2011)In Proceedings of the 7<sup>th</sup> International Conference on Education Volume A. July 7-9, Samos, Greece. ISBN 978-960-466-081-0**

#### 14.Academic Achievements (A Short Description)

- Dr. Robinet Jacob, Coordinator of the School was invited to chair a session and to present a paper on **"Product Attractiveness Of Kerala House Boats In Promoting Tourism - A Performance Analysis", Annual conference of International Society of Travel and Tourism Educators (ISTTE), Miami, USA - 20 Sept -22<sup>nd</sup> Oct, 2011 .**



- Mr. Preji M.P, Guest Lecturer in the School has presented a paper on ‘**Linking Cultures as reflected in the Alappuzha Backwaters**’ in the National Seminar held at GPM Govt. College, Manjeswar on 24<sup>th</sup> January 2012.
- Mr. Abin K.I, Guest Lecturer in the School has presented a paper on ‘**Linking Cultures in the coastal areas of Kerala**’ in the National Seminar held at GPM Govt. College, Manjeswar on 24<sup>th</sup> January 2012.

Regular classes in the new School of Tourism Studies were started during 2011. At present, the School is offering a 2 year Master of Tourism Management (MTM) with an intake of 22 students. The School is keen on ensuring various features like good infrastructure and facilities, Innovative Curriculum with specialization, Competent teaching staff, Industry standard training Methods, International Academic collaboration, Internship Training, Field Study Tours/ Familiarization Trips, Industry Linkage and Professional Placement for excelling well in the field of Tourism and Hospitality.

To ensure industry linkage, a panel of resource persons was formed and they were invited to interact with the students. Faculty members from Taylors University, Malaysia, Banarus Hindu University, Banarus and Madurai Kamaraj University, Madurai also interacted with students.

The Students and faculty of the School has actively participated in the Kerala Government scheme named “Saparya” which is a comprehensive Tourism Resource Mapping Project for the state of Kerala. An extensive survey of tourism resources and foreign tourists were conducted by the students.

The School and its faculty members have developed active research collaboration with faculty members from other universities worldwide to contribute to the body of knowledge which resulted in the publication of research articles in two international journals. Two faculty members Dr. Robinet Jacob and Mr. Mahadevan P has jointly published a book titled “Tourism Products of India: A National Perspective”.

The School has conducted some preliminary discussions with Taylors University and Purdue University for offering Exchange programs and to ensure utilization and sharing of academic resources and facilities. The school has pursued professional collaboration with organizations like the International Society for Travel and Tourism Educators (ISTTE). The Coordinator of the School has been invited to chair a session in its annual conference held at Florida. The International Society of Travel and Tourism Educators is an international organization of industry professionals in travel, tourism and related fields representing all levels of educational institutions, ranging from professional schools and high schools to four-year colleges and graduate-degree granting institutions.

In connection with the international Book Fair organised by the University, the School also has published a book titled “Tourism Products of Kerala”. Dr. Toney K Thomas, Programme Director, School of Tourism, Recreation and Events, Taylors University, Malaysia and Dr. B George, Associate Professor, Madurai Kamaraj University were the key speakers during theme discussion on Tourism and Travel Management.

#### **15. Student Achievements - Academic (A Short Description)**

The Students of the School has actively participated in the Kerala Government scheme named “Saparya” which is a comprehensive Tourism Resource Mapping Project for the state of Kerala. An extensive survey of tourism resources and foreign tourists were conducted by the students.

Eleven students of MTM has participated in the international Conference on Responsible Tourism held at Nirmala College, Muvattupuzha during 5-7<sup>th</sup> December, 2011.

Fifteen students of MTM Has participated in the workshop on “Backwater Tourism in Vembanad” organised by WWF- India and DTPC Kottayam on 8<sup>th</sup> February 2012 at Hotel Arcadia, Kottayam.

Seven students took part in the study to unravel the Visitor Satisfaction of foreign tourists in Kerala at selected destinations. The study was initiated by Taylors University, Malaysia under the guidance of Mr. Toney K Thomas.

#### **16. Students Activities/ Achievements –(Extra Curricular)**

(a) Students secured prizes in the M.G University Arts Festival. Mr. Ullas Uthamman and Mr. Manasse Benny secured 3<sup>rd</sup> prize in the inter departmental quiz competition held at School of Social Sciences,

Pullarikunnu. Fayas, III semester MTM student has qualified into the final stage of a reality show organized by Kairali T.V.

**17.Industry - Varsity Linkage (If any, Short Description)**

The School has submitted a proposal as part of XII Plan, to set up an Industry Linked Vocational and Consultancy Centre which will equip students to benefit from a mutually beneficial partnership between the industry and the University. The center, in association with a reputed competent service provider will offer innovative practical solutions and all services that are directly and indirectly connected to tourism and all its allied services along with consultancy services. The Centre is also keen on disseminating sustainable tourism values to the society by organizing Capacity building workshops to the stakeholders and also by publishing its research outcome. The modes of engagement planned with the industry include Consultancy, Research Projects, Tourism Resource Mapping, Skilled manpower creation and rendering of all travel related services. It will be powered by the tourism industry, academicians and a pool of expert consultants from diverse fields. The centre will provide opportunities to the student professionals in the day-to-day operations of the unit as well as imparting practical exposure in different streams of operational aspects of Travel and Tourism profession. The proposal is prepared with a triple objective of being (1) vocational in nature (2) industry linked and aimed at (3) offering Consultancy Services (Resource Mobilization) .

**18.Academic Tie-Ups ( if any )**

Submitted a project Proposal under the Obama -Singh 21<sup>st</sup> century Knowledge Initiative Grant for collaboration between School of Tourism Studies, Mahatma Gandhi University with Department of Hospitality and Tourism Management, Purdue University, West Lafayette, USA and School of Business and Technology, University of Wisconsin- Parkside, Wisconsin, USA. The proposal involves Student-faculty exchange, joint development of a Hospitality program, organizing jointly workshops on curriculum design, Guest Lecturers etc.

**19.Student Progression**

(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

The first batch of students is in the third semester.

**20.Campus Recruitment ( if any ):** The first batch of students is in the third semester.

**21.Number of PhD’s Awarded so far** : Nil

**22. Research Scholars Registered in the School** : Nil

**23.Alumni Activities (With e-mail and website)** : Nil

**24.Any Other Achievements** : Nil

## University Constituent Colleges (Self Financing)

### University College of Engineering, Thodupuzha

**1.Name of the School/ Department** : University College of Engineering, Thodupuzha

**2.Head of the School/Department** : Prof. K T Subramanian

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	21	41	Nil	Nil	62
Non Teaching	14	5	3	1	19

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M. Phil	Number of Seats		Ph. D	Number of Seats	
					M	W		M	W
B.Tech		M.Tech							
ECE	66	Applied Electronics	36						
EEE	66								
CSE	66								
IT	66								
PE	66								

#### 5. Student Intake - Results of final year

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W		
B.Tech																			
ECE																			
EEE	52	18	18	18															
CSE	33	33	12	24															
IT	26	44	6	36															
PE	18	12	15	8															

#### 6. Details of Tests cleared by Students

Sl.No.	National Level	State Level
	GATE- 10	

#### 7. Library

- (a) Total Number of Books ----- 10777  
 (b) Total Number of Journals ----- 32  
 (c) Total Number of Periodicals ----- 6  
 (d) Numer of titles added during the year ----- 12

#### 8. Grants Received From

- (a) State Government -----NIL  
 (b) Central Government -----NIL  
 (c) University Grant Commission -----NIL  
 (d) Others - Specify -----NIL

#### 9. Projects Undertaken

---- Nil

#### 10. Seminars Conducted

- (a) State Level  
 PE DEPT - IEEE student chapter Melange'10 in March 2010  
 CSE DEPT- Seminar on 'CLOUD COMPUTING' presented by Mr. Ganesh N,  
 Research Scholar, National University of Singapore on 18/8/2011  
 (b) National Level ----- Nil  
 (c) International Level ----- Nil

#### 11. Seminars Conducted by Faculty : Nil

#### 12. Publications by the Faculty with Impact factor of the Publications

9 international level on wiley inter science & 8 national

#### 13. Research Highlights of Faculty/Scholars : Nil

#### 14. Academic Achievements: Abdul hakeem M A secured first rank in M.Tech.

**15.Student Achievements – Academic:** PE DEPT ----The following students got rank in university exam- Sruthy Gopal, Karthika S, Sisira Sukumaran C P

**16.Students Activities/ Achievements** –(Extra Curricular)

- (a) National Service Scheme ----- Nil  
(b) Arts Festivals : CSE DEPT ---- First Place in Malayalam Recitation of MG  
University Arts Festival 2011 by Parvathy Kumar, Final Year B.Tech  
(c) Sports ----- Nil  
(d) Games ----- Nil  
**17.Industry Varsity Linkage** ----- Nil  
**18.Academic Tie-Ups ( if any )** ----- Nil

**19.Student Progression:**

2008 passout student Vaisakh got I P S Selection in 2010 M.Tech at IIT Khargagpur  
- 1 student  
(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Selected
1	Patni Computers	21
2	Infosys technologies	81
3	IBS	7
4	Six ace	6
5	Accenture	22
6	TATA Elxsi	5
7	Nest	5
8	J K Tyres Gwalior	1
9	Apollo Y=Tyres	3

- 21.Number of PhD's Awarded so far** ----- Nil  
**22. Research Scholars Registered in the School** ----- Nil  
**23.Alumni Activities:** Alumni meet held on 21-8-2010  
**24.Any Other Achievements** ----- Nil

## UNIVERSITY COLLEGE OF APPLIED SCIENCES

### 1. University College of Applied Sciences, Edappally, KOCHI

**1.Name of The School** : University College of Applied Sciences,Edappally  
(with email & website) : [mgucasedappally@gmail.com](mailto:mgucasedappally@gmail.com)  
: [www.staskochi.org](http://www.staskochi.org)

**2. Head of the School** : Dr. N. C. Santhakumari

### 3. Staff Profile :

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	19	1		24
Non-Teaching	6	2	-	-	8

### 4. Courses offered with No. of seats

Under Graduate	No. of Seats		Post Graduate	No. of seats	
	M	W		M	W
B.Sc. Computer science	50 (Together)		MCA	30 (Together)	
B.Sc. Electronics	50 (Together)		M.Sc. Applied Electronics	30 (Together)	
			M.Sc. Computer Science	20 (Together)	

### 5. Student Intake

Intake, those Appeared in the Examination and passed ( 2008 Admission)

Undergraduate					Post Graduate				
	Appeared		Passed		Appeared		Passed		
	M	W	M	W	M	W	M	W	
B.Sc. Computer Science ( 2008 Admission)	5	15	17	28	M C A	19	11	7	9
B.Sc. Electronics ( 2008 Admission)	18	13	4	9	M.Sc. Applied Electronics	4	8	4	3

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total No. Of Books : 4521  
 (b) Total No. Of Journals : 5  
 (c) Total No. Of Periodicals : 9  
 (d) Number of Titles added during the year : 13

### 8. Grants Received from

- (a) State Governemnt : NIL  
 (b) Central Governemnt : NIL  
 (C) UGC : NIL  
 (D) Others – (University Fund received) : Rs.6106000/- :

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty ( Name-wise with details )** : Nil

**12. Publications by Faculty with Impact factor of Publication** : Nil

**13. Research Highlights** : Nil

**14. Academic Acheivements:** Excellent Academic Record. Ms. P.S Sumy secured second rank in MCA and the third rank was secured by Ms. Mayusha. M. K. The overall acheivement is satisfactory.

**15. Students Acheivemts** – Students are participating in various activities conducted at

academic levels.

**16. Students Activities / achievements ( Extra Curricular )**

- (a) National Service Scheme : Nil  
 (b) Arts Festivals : Students are participating in art festivals.  
 (c) Sports : A cricket club is formed  
 (d) Games : Engaged

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups (if any)** : Nil

**19. Student Progression** : Nil  
 ( eg. Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. of Students attended	No. of Students Selected
1	WIPRO	5	2
2.	HP	5	2
3.	EclinicalWorks Ahamedabad	4	1

**21. No. Of Phd** : Nil

## 2. University College of Applied Sciences, Pathanamthitta

**1. Name of the School** :University College of Applied Life Sciences, Pathanamthitta

**2. Head of the School** : Dr.A.Chandran i/c

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	2	Nil	Nil	4
Non Teaching	3	3	Nil	Nil	6

**4. Courses offered with Number of Seats**

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M. Phil	Number of Seats		Ph. D	Number of Seats	
					M	W		M	W
NA		M.Sc. - 25		6			NA		

**5. Student Intake**

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W		
NA					21	3	18	0	18	5	0	4	0	4	NA				

- 6. Details of Tests Cleared by Students** : Nil
- 7. Library**
- (a) Total Number of Books : 955
- (b) Total Number of Journals : 155
- (c) Total Number of Periodicals : Nil
- (d) Number of Titles added during the year : 34
- 8. Grants Received from** : Nil
- (a) State Government
- (b) Central Government
- (c) University Grants Commission
- (d) Others -specify
- 9. Projects Undertaken** : Nil
- 10. Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** : Nil
- 12. Publications by the Faculty with Impact Factor of the Publications**
1. J. Jean Jose, P. Udayakumar, **A. Chandran**, K. Narendra Babu and V.S. Sudhanandh. 2011. Zooplankton Diversity in Vallarpadam, India. Influence of Hydrochemistry, Season and Semi Diel Cycle. *Asian Journal of Water, Environment and Pollution*. 8(1):. 103 -108.
  2. Udayakumar P, **Chandran A**, Jean Jose J, Prasanthan V, Deepak M P , Narendra Babu K 2011. Heavy Metal Levels in a benthic polychaete from the Southwest Coast of India. *Chemistry and Ecology* 27 (4): 327 – 336. (Impact Factor-0.8)
  3. J. Jean Jose, Udayakumar P, Deepak M P, Rajesh B R, Narendra Babu K and **Chandran A**. 2011. Assemblages of the Marine Polychaete genus *Glycera* (Phyllodocida: Glyceridae) along the Kerala coast, India as an indicator of organic enrichment. *Nature, Environment and Pollution Technology*. 10 (3). 395-398.
  4. Udayakumar P, **Chandran A**, Jean Jose J, Rajesh B R, Narendra Babu K and Ouseph P P (2011). Seasonal dynamics of dissolved metals in surface coastal waters of southwest India. *Bulletin of Environmental Contamination and Toxicology* 87: 662-668. (Impact Factor-1.1)
- 13. Research Highlights of Faculty:** Research Highlights-Faculty - **Dr. A.Chandran**  
Presently engaged in a detailed investigation involving geometric morphometry, Osteology, and molecular biology of cyprinid fishes of the Western Ghats of Kerala.
- 14. Academic Achievements (A Short Description)** : Nil
- 15. Student Achievements-Academic (A Short Description)** : Nil
- 16. Students Activities/Achievements (Extra Curricular)** : Nil
- 17. Industry Varsity Linkage (If any, Short Description)** : Nil
- 18. Academic Tie-Ups (if any)** : Nil
- 19. Student Progression** : Registered for Ph.D. – 4 Students
- 20. Campus Recruitment (if any)** : Nil
- 21. Number of PhD's awarded so far** : Not Applicable
- 22. Research Scholars Registered in the School** : Not Applicable
- 23. Alumni Activities (with e-mail and website)** : Nil
- 24. Any Other Achievements** : Nil

# University College of Medical Education

## 1. University College of Medical Education, Gandhi Nagar

**Director : Dr. K.M. Joseph**

The University College of Medical Education, Gandhinagar formerly known as School of Medical Education started in 1993 is the premier institution conducting courses in the area of allied medical sciences under the Mahatma Gandhi University, Kottayam.

The University College of Medical Education conducts 6 graduate and 10 post graduate courses. The Directorate function at Gandhinagar and it has 8 Regional Centres distributed in the Districts of Kottayam, Ernakulam, Pathanamthitta and Idukki.

### UCME Main Centre – Gandhinagar

#### Departments

1. University College of Nursing
2. Department of Physiotherapy
3. Department of MLT
4. Department of MRT
5. Department of Anatomy
6. Department of MHA & MPH
7. Department of Medical Bio-Chemistry
8. Department of Medical Documentation
9. Department of BMI
10. Department of Microbiology

#### Regional Centres

1. UCME, Thevara
2. UCME, Anagamaly
3. UCME, Manimalakunnu
4. UCME, Pala
5. UCME, Chuttippara, Pathanamthitta
6. UCME, Nedumkandam
7. UCME, RIMS, Puthuppally
8. UCME, Department of Pharmaceutical Sciences, Cheruvandoor

#### Courses

1. B.Sc Nursing (2) BMRT (3) B.Sc Microbiology (4) B.Sc MLT (5) BPT (6) M. Appl. Science Bio-Medical Instrumentation (7) M.App. Science Medical Bio-Chemistry (8) MHA (9) M.Sc Anatomy (10) M.Sc Medical Microbiology (11) MPT (12) MPH (13) M.Sc Nursing (14) M. App. Science Documentation

#### Admission

Almost all the seats of various courses are filled this year. University has accommodated all the students allotted by Government of Kerala for courses like Nursing, Pharmacy, B.Sc MLT and BPT. Classes for UG and PG course commenced from September 2011 onwards.

M.Sc Nursing course has been started at UCME, Puthuppally this year with an intake of 8 students in the discipline of Obstetrics & Gynecology and Community Health Nursing.

#### Faculty

Well-qualified teachers are taking classes at all centres. University has appointed many teachers on scale of pay, Contract, Internal and External Guest Lecturers for taking classes under various disciplines. The current staff strength is 70 (full time).

#### Infrastructure

Construction of Nursing College at Pala and Nedumkandam has been completed. The Nursing college building at Manimalakunnu is nearing completion.

#### Academic Activities



Clinical facilities are arranged for students at Government Medical College, Kottayam, Thiruvananthapuram, Thrissur. District Hospital Kottayam, Alappuzha, Ernakulam, Pathanamthitta. Taluk Hospitals Vaikom, Changanacherry. Clinical posting is also arranged in Super Specialty Hospital like Sree Chithra Institute of Medical Science, Thiruvananthapuram, Amritha Institute of Medical Sciences, Ernakulam, Regional Cancer Centre, Thiruvananthapuram, Lourdes Hospital, Ernakulam, Matha Hospital and Carithas Hospital.

Several Seminars were conducted as part of academic activity. **CONSCENTIA 2011** by the Physiotherapy Department, **Medallion 2011** an International Seminar by Division of Health Management. Two State level seminars were organized by the Nursing Department. They are **VEXATION - 2011** (Trends and issues in Nursing), **PROFECTUS -2011** (Student Evaluation). Also an exhibition was conducted in collaboration of with Cancer Care Society at Mammen Mappilla Hall, Kottayam. A training workshop was conducted on “**NEONATAL RESUSCITATION**” by IAP with a demo. There is strict evaluation of academic merit of each student. Internal assessment is also there.

#### **Community Outreach Programme**

The Nursing Department collaborates with the primary health centres in various Panchayats under Kottayam District. UCN, Gandhinagar nursing students are active in the community health care by regular immunization drives, maternity, childcare as well as treatment of minor ailments and referral services are carried out. Nursing students actively participate in pulse polio programs, surveys and community health programmes. Eye camps are organized regularly.

#### **Research Highlights, Publications and Achievements**

Ms.Sherlymol Antony, Ms.Yamuna Jose, Ms.Simmy M.Varkey (Nursing Department) Ms.Saji.T.M (MLT Department), Ms.Asha Peter, Ms.Shiny Zacaria (Medical Microbiology Department) are doing Ph.D Programme and other Research Activities. In addition to the above, teachers in the other departments are pursuing research in various disciplines connected to their department.

Institutional review board is scrutinizing the research works of postgraduates. The postgraduate students are encouraged to undertake research on interventional studies. Students association of Medical Biochemistry (SAMBIC) is activity performing this year. Projects by Post graduate students are under taken as a part of their curriculum. Mr.Finosh.G.T former student of Biochemistry Department won **Young Scientist Award** of 24<sup>th</sup> Kerala Science Congress held at Kottayam, in January 2012. Priya Accal Thomas and Ajin Jayan Thomas published research articles in the Indian journal of Physiotherapy and Occupational Therapy. Mr.Haidrali.E (II<sup>nd</sup> year BPT) won bronze medal in IAKO III<sup>rd</sup> South India Kick Boxing Championship – 2011, Event - Light Contact 65 Kgs.

#### **Academic Tie ups and Campus Recruitment**

University College of Medical Education has academic tie ups with several institutions like Am irtha institute of Medical Sciences, Caritas Cancer Institute, Regional Cancer Centre, Thiruvananthapuram, AIIMS, New Delhi, TRADA, Kottayam etc. Campus recruitments are conducted by Apollo Hospital, Chennai, Al Shifa Hospital, Perunthalmanna, Ahalia Hospital, Palghat , Apollo Hospital, Hyderabad and Revenue Med.

#### **Library**

UCME has well equipped central library which have 1637 books and 12 journals. Internet facilities provided to teachers and students. All the departments have their own fully fledged libraries.

#### **Student's Unions**

Students Union was much active last year. They conducted many programmes of educational cultural importance like Onam and Christmas celebrations, Talent day Programme, Women's Day Seminar, Sports and Arts Festivals.

**Others:** Students qualified from this institution are well placed working in many institutions outside Kerala and abroad. The M.Sc. Medical Bio-Chemistry programme is included as a qualification by PSC for various posts of Bio-Chemistry in the Health Department of Government of Kerala. Steps have been initiated to get accreditation for courses B.Sc MLT, B.Sc MRT, BPT and MPT for job prospects under PSC.

The institution is definitely in the path of progress. In the present scenario, challenges in Medical Education are many and we are confident by providing quality education to overcome these challenges . University College of Medical Education is trying its best to provide talented and competent youth to cater the Para-medical needs of society.

**2. BIO MEDICAL INSTRUMENTATION, UNIVERSITY  
COLLEGE OF MEDICAL EDUCATION, Gandhi Nagar**

**1.Name of the School/ Department** : Bio Medical Instrumentation,UCME, GandhiNagar

**2.Head of the School/Department** : P S Nandakumar

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	2	1	-	5
Non Teaching		1			1

**4.Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
			M.App.Sc(BMI)								
			3 <sup>rd</sup> Semester	15	6						
			1 <sup>st</sup> Semester	4	4						

**5.Student Intake**

Intake , those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appear ed		Passe d		Post Graduate	Appear ed		Passed		M. Phil	Appear ed		Passed		Ph. D	Appea red		Passe d		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
					M. App. Sc (BMI)	15	6	10	3											

**6.Details of Tests cleared by Students** : Nil

**7.Library**

- (a) Total Number of Books : 250
- (b) Total Number of Journals
- (c) Total Number of Periodicals
- (d) Numer of titles added during the year

**8.Grants Received From** : Nil

- (a) State Government
- (b) Central Government
- (c) University Grant Commission
- (d) Others - Specify

**9.Projects Undertaken** : Nil

**10.Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** : Nil

**12.Publications by the Faculty with Impact factor of the Publications:** Nil

**13.Research Highlights of Faculty/Scholars** : Nil

**14.Academic Achievements** : Nil

**15.Student Achievements - Academic (A Short Description)** : Nil

**16.Students Activities/ Achievements –(Extra Curricular)** : Nil

- (a) National Service Scheme

(b) Arts Festivals

(c) Sports

(d) Games

17. Industry Varsity Linkage (If any, Short Description) : Nil

18. Academic Tie-Ups ( if any ) : Nil

19. Student Progression : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

20. Campus Recruitment ( if any )

Sl. No	Name of the Firm	No. of Students Attended		No. Of Students Selected	
		M	W	M	W
1	WoxHard Hospitaz Group	10	7	5	3
2	CART Hospitaz Group	5	3	3	1

21. Number of PhD's Awarded so far : Nil

22. Research Scholars Registered in the School : Nil

23. Alumni Activities (With e-mail and website) : smeabmi@rediffmail.com

24. Any Other Achievements : Nil

### 3. University College of Medical Education, Anagamaly

1. Name of the School : University College of Medical Education, Angamaly  
(With e-mail and website) : smeangedu@gmail.com

2. Head of the School/Department : Dr. Sr. Mary Lucita

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching					
MLT	NIL	06	01	NIL	07
BPT	03	03	NIL		06
Non Teaching	NIL	02	NIL	NIL	02

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
MLT	35										
BPT	35										

#### 5. Student Intake

Under Graduate	Appeared		Passed		Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W	M	W	M	W		M	W	M	W		M	W	M	W
MLT	2	32	Result awaiting															
BPT	11	22	Result awaiting															

6. Details of Tests cleared by Students : Nil

- 7. Library**
- (a) Total Number of Books : 1686  
 (b) Total Number of Journals : 02  
 (c) Total Number of Periodicals : 02  
 (d) Number of titles added during the year : 153
- 8. Grants Received From** : Nil
- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify
- 9. Projects Undertaken** : Nil
- 10. Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** : Nil
- 12. Publications by the Faculty with Impact factor of the Publications** : Nil
- 13. Research Highlights of Faculty/Scholars** : Nil
- 14. Academic Achievements** : Nil
- 15. Student Achievements - Academic** : Nil
- 16. Students Activities/ Achievements** –(Extra Curricular)
- Participated in Uni. Youth Festival
- (a) National Service Scheme : Conducted a 7 seven day Camp.  
 (b) Arts Festivals : conducted  
 (c) Sports : sports day conducted.  
 (d) Games : conducted
- 17. Industry Varsity Linkage** (If any, Short Discription) : Nil
- 18. Academic Tie-Ups** ( if any ) : Nil
- 19. Student Progression** : Nil  
 (eg: Former student cleared civil service, joined MIT, Post docroal fellowships )
- 20. Campus Recruitment** ( if any ) : Nil
- 21. Number of PhD's Awarded so far** : Nil
- 22. Research Scholars Registered in the School** : Nil
- 23. Alumni Activities** (With e-mail and website) : Nil
- 24. Any Other Achievements** : Nil

#### 4. University College of Medical Education, T D Road, Ernakulam

**1. Name of the School:** University College of Medical Education, T D Road, Ernakulam

**2. Head of the School/Department** : Linda Elizabeth Cherian (i/c)

##### 3. Staff Profile

	Men	Women	Schedule d Caste	Scheduled Tribe	Total
Teaching		Linda Elizabeth Cherian Sakeena T I Deepthi S Nair Ajitha Matai Swapna Mathew Deepa Paul(Lab Asst.)	Nil	Nil	5 1
Non Teaching					

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc.MLT	Total - 40										

#### 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed												M-Men, W-Women					
	Appear ed		Passed		Post Graduate	Appear ed		M. Phil	Appear ed		Ph. D	Appear ed		Passed				
	M	W	M	W		M	W		M	W		M	W		M	W		
2010-2011	4	30	3	25														

6. Details of Tests cleared by Students : Nil

#### 7. Library

- (a) Total Number of Books : 489  
 (b) Total Number of Journals : Nil  
 (c) Total Number of Periodicals  
 (d) Numer of titles added during the year

8. Grants Received From : Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

12. Publications by the Faculty with Impact factor of the Publications :

Nil 13. Research Highlights of Faculty/Scholars (A Short Discription) : Nil

14. Academic Achievements (A Short Discription) : Nil

15. Student Achievements - Academic (A Short Discription) : Nil

16. Students Activities/ Achievements -(Extra Curricular)

- (a) National Service Scheme  
 (b) Arts Festivals- Second Prize in Quiz Competition in SILEX -2011  
 (South Indian Conference of Medical Lab Technologists)  
 (c) Sports  
 (d) Games

17. Industry Varsity Linkage (If any, Short Discription) : Nil

18. Academic Tie-Ups ( if any ) : Nil

19. Student Progression: : Nil

(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

20. Campus Recruitment ( if any ) : Nil

21. Number of PhD's Awarded so far : Nil

22. Research Scholars Registered in the School : Nil

23. Alumni Activities (With e-mail and website) : Nil

24. Any Other Achievements : Nil

## 5. University College of Medical Education, Thevara

1. Name of the School : University College of Medical Education, Thevara

2. Head of the School/Department : Mrs. Sumi Zachariasw

### 3. Staff Profile

	Men	Women	Schedule d Caste	Scheduled Tribe	Total
Teaching	5	19	4		24
Non Teaching	4	1	1		5

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc. Nursing	Total 50										
BPT	Total 40										

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BSc. Nursing	3	24	2	23															
BPT	15	20	13	12															

### 6. Details of Tests cleared by Students

: Nil

### 7. Library

: Nil

- Total Number of Books
- Total Number of Journals
- Total Number of Periodicals
- Numer of titles added during the year

### 8. Grants Received From

: Nil

- State Government
- Central Government
- University Grant Commission
- Others - Specify

### 9. Projects Undertaken

: Nil

### 10. Seminars Conducted

: Nil

### 11. Seminars Conducted by Faculty

: Nil

### 12. Publications by the Faculty with Impact factor of the Publications:

: Nil

### 13. Research Highlights of Faculty/Scholars (A Short Discription)

: Nil

### 14. Academic Achievements (A Short Discription)

: Nil

### 15. Student Achievements - Academic (A Short Discription)

: Nil

### 16. Students Activities/ Achievements -(Extra Curricular)

: Nil

#### (a) National Service Scheme

#### (b) Arts Festivals

#### (c) Sports

#### (d) Games

### 17. Industry Varsity Linkage (If any, Short Discription)

: Nil

### 18. Academic Tie-Ups ( if any )

: Nil

### 19. Student Progression

: Nil

(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

### 20. Campus Recruitment ( if any )

: Nil

### 21. Number of PhD's Awarded so far

: Nil

22. Research Scholars Registered in the School : Nil  
 23. Alumni Activities (With e-mail and website) : Nil  
 24. Any Other Achievements : Nil

## UNIVERSITY COLLEGE OF NURSING

### 1. University College of Nursing, Angamaly

**1. Name of the School/ Department** : University College of Nursing, Angalamy  
 (With e-mail and website) : smeangedu@gmail.com

**2. Head of the School/Department** : Dr. Sr. MARY LUCITA, PRINCIPAL

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Teaching</b>					
(i) Temporary on Scale of Pay	NIL	05	NIL	NIL	05
(ii) Internal Guest Faculty (Consolidated pay)	02	12	Nil	NIL	14
<b>Non Teaching</b>	05	02	02	NIL	07

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc. Nursing	50										
Post Basic BSc. Nursing	20										
MSc. Nursing	20										

#### 5. Student Intake

Under Graduate	Appeared		Passed		Appeared		Passed		M. Sc. Nursing	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W	M	W	M	W		M	W	M	W		M	W	M	W
BSc. Nursing	01	47	Result awaiting						M. Sc. Nursing	03	17	3	15	Nil				
Post Basic BSc. Nursing	00	19	00	19														

**6. Details of Tests cleared by Students** : Nil

**7. Library**

- (a) Total Number of Books : 1500  
 (b) Total Number of Journals : 10  
 (c) Total Number of Periodicals : 02  
 (d) Number of titles added during the year : 77

**8. Grants Received From**

: Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

**9. Projects Undertaken**

: Nil

**10. Seminars Conducted**

: Nil

**11. Seminars Conducted by Faculty**

: Nil

**12. Publications by the Faculty with Impact factor of the Publications**

Two papers published by Dr. Sr. Mary Lucita.

- \*.1) Conceptual Frame Works and it's Application. (Pondicherry University)  
 \*.2) Quality Assurance in Nursing. (Vinayaga University, Salem, Tamilnadu.)

**13. Research Highlights of Faculty/Scholars**

: Nil

**14. Academic Achievements (A Short Discription)**

: Nil

**15. Student Achievements - Academic (A Short Description)**

- \*1) First Rank secured by LAIBY.O.U and Third Rank secured by SARANYA SUKUMARAN in the Final year Post Basic Bsc.Nursing Examination, November – 2011

**16. Students Activities/ Achievements – (Extra Curricular):**

- (a) National Service Scheme : Participated in Uni. Youth Festival  
 (b) Arts Festivals : Conducted a 7 seven days Camp.  
 (c) Sports : conducted  
 (d) Games : sports day conducted.  
 (d) Games : conducted

**17. Industry Varsity Linkage (If any, Short Description)**

: Nil

**18. Academic Tie-Ups ( if any )**

: Nil

**19. Student Progression**

: Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment ( if any )**

: Nil

**21. Number of PhD's Awarded so far**

: Nil

**22. Research Scholars Registered in the School**

: Nil

Sl.No.	Name of Research Scholar	Title	Name of Guide	
1	PUSHKALA.N.R		Dr. SAILAKSHMI GANDHI, Asst. Professor, NIMHANS, Bangalooru.	Rajiv Gandhi University, Bangalooru.

**23. Alumni Activities (With e-mail and website)**

: An old students Association formed.

**24. Any Other Achievements**

: Nil

**2. University College of Nursing, T D Road Ernakulam****1. Name of the School**

: University College of Nursing. T D Road, Ernakulam

(With e-mail and website)

: smetdekm@gmail.com

**2. Head of the School/Department**

: Anu N Baby (i/c)



### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	13	1	-	15
Non Teaching	4	2			6

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc.Nursing	Total 40										

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appear ed		Passed		Post Grad uate	Appea red		Passe d		M. Phil	Appear ed		Passed		Ph. D	Appea red		Passe d	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BSc Nursing	2	31	2	31															

### 6. Details of Tests cleared by Students

: Nil

### 7. Library

- (a) Total Number of Books : 1089  
 (b) Total Number of Journals : 10  
 (c) Total Number of Periodicals  
 (d) Numer of titles added during the year

### 8. Grants Received From

: Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

### 9. Projects Undertaken

: Nil

### 10. Seminars Conducted

### 11. Seminars Conducted by Faculty (Name wise –with details)

: Nil

### 12. Publications by the Faculty with Impact factor of the Publications

: Nil

### 13. Research Highlights of Faculty/Scholars (A Short Discription)

: Nil

### 14. Academic Achievements (A Short Discription)

: Nil

### 15. Student Achievements - Academic (A Short Discription)

: Nil

### 16. Students Activities/ Achievements –(Extra Curricular)

: Nil

### (a) National Service Scheme

### (b) Arts Festivals

### (c) Sports

### (d) Games

### 17. Industry Varsity Linkage (If any, Short Discription)

: Nil

### 18. Academic Tie-Ups ( if any )

: Nil

### 19. Student Progression

: Nil

(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

### 20. Campus Recruitment ( if any )

: Nil

### 21. Number of PhD's Awarded so far

: Nil

### 22. Research Scholars Registered in the School

: Nil

23. Alumni Activities (With e-mail and website) : Nil  
 24. Any Other Achievements : Nil

### 3. University College of Nursing, Pala

1. Name of the School/ Department : University College of Nursing Pala  
 (With e-mail and website) : principal@ucnpala@yahoo.in

2. Head of the School/Department : Mrs. Regi thomas

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	19	6	-	21
Non Teaching	4	3			7

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc. Nursing	Total	50	Nil			Nil			Nil		

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
First Year	50	Awaiting																	
Second Year	34	Results																	
Third Year	Going to appear for the Examination in march																		

6. Details of Tests cleared by Students : Nil

#### 7. Library

(a) Total Number of Books : 1600  
 (b) Total Number of Journals : 12  
 (c) Total Number of Periodicals : 3  
 (d) Numer of titles added during the year : 300

8. Grants Received From : Nil

(a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

12. Publications by the Faculty with Impact factor of the Publications : Nil

13. Research Highlights of Faculty/Scholars (A Short Discription) : Nil

14. Academic Achievements (A Short Discription) : Nil

**15. Student Achievements - Academic**

Our students have secured 80% results in the final year BSc. Nursing Degree Examination

**16. Students Activities/ Achievements –(Extra Curricular)**

The students association have been functioning from the beginning of the Institution like SNA, College Union etc. The associations organize various curricular and extracurricular activities. I BSc Nursing students of U C N Pala attended a state level seminar on right to privacy on 9.12.2011 conducted by the Human Rights Protection Council Kottayam.

**17. Industry Varsity Linkage** (If any, Short Description) : Nil

**18. Academic Tie-Ups ( if any )** : Nil

**19. Student Progression** : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment ( if any )** : Nil

**21. Number of PhD's Awarded so far** : Nil

**22. Research Scholars Registered in the School** : Nil

**23. Alumni Activities** (With e-mail and website) : Nil

**24. Any Other Achievements** : Nil

## 4. University College of Nursing, Nedumkandam

**1. Name of the Institution** :- University College of Nursing, Nedumkandam  
(ucnnedumkandam@yahoo.com)

**2. Head of the Institution** :- Mr. Saji Joseph

**3. Staff Profile** :- List attached

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	05	13	01	00	18
Non Teaching	03	06	00	00	09

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc. Nursing	60		Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**5. Student Intake**

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BSc. Nursing	10	43	10	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**6. Details of Tests cleared by Students** :- Nil

**7. Library**

(a) Total Number of Books :- 1530

(b) Total Number of Journals :- 12

(c) Total Number of Periodicals :- 07

(d) Number of titles added during the year :- 300

**8. Grants Received From**

- (a) State Government :- Nil  
 (b) Central Government :- Nil  
 (c) University Grant Commission :- Nil  
 (d) Others - Specify :- Nil

**9. Projects Undertaken**

:- Nil

**10. Seminars Conducted:-** In-service education conducted by 2007 Batch students.**11. Seminars Conducted by Faculty**

:- Nil

**12. Publications by the Faculty with Impact factor of the Publications :- Nil****13. Research Highlights of Faculty/Scholars**

Research project is done every year as part of Curriculum

**14. Academic Achievements**

:- Nil

**15. Student Achievements – Academic**

First Batch (2006) students achieved 100 % result and completed their internship at Amrita Institute of Medical Sciences – Kochi and various Government hospitals. 98 % of 2<sup>nd</sup> Batch (2007) students passed their 3<sup>rd</sup> year BSc. Nursing examination and appeared for Final year examination. 60 % of 3<sup>rd</sup> Batch students passed in 2<sup>nd</sup> year BSc. Nursing examination and eligible for appearing 3<sup>rd</sup> year BSc. Nursing examination. 35 % of 3<sup>rd</sup> Batch (2009) students passed in 1<sup>st</sup> year BSc. Nursing examination and eligible for 2<sup>nd</sup> year examination.

**16. Students Activities/ Achievements – (Extra Curricular)**

:- List attached

**17. Industry Varsity Linkage**

:- Nil

**18. Academic Tie-Ups :-** We have academic tie – up with St. John’s, Kattappana, Navadarsanagram de-addiction center, Puliyan mala and Ashabhavan, Nedumkandam.

**19. Student Progression**

:- Nil

**20. Campus Recruitment**

:- Nil

**21. Number of PhD’s Awarded so far**

:- Nil

**22. Research Scholars Registered in the School**

:- Nil

**23. Alumni Activities (With e-mail and website) :-** Planning to establish alumni association as only one batch passed out yet.

**24. Any Other Achievements :-** We got 2<sup>nd</sup> prize in Nurse’s day rally at District level on 12.05.2011. We were shifted to New own building at Nedumkandam on 31.10.2011. College Magazine prepared and ready to publish.

**SNA ZONAL COMPETITION WINNERS – 2011**

Sl. No.	COMPETITION	WINNERS	PRIZE
1.	Cartoon Drawing	Anjali Appukuttan	2 <sup>nd</sup>
2.	On the spot Painting	Nikhil Raj P.N	2 <sup>nd</sup>
3.	Elocution – English	Vidhya P.M	2 <sup>nd</sup>
4.	Recitation – Malayalam	Seethal N Raj	3 <sup>rd</sup>
5.	Essay Writing – English	Aswini Raj	2 <sup>nd</sup>

### POSTER PRESENTATION

6.	Structure of Biliary System	Ashna H Kiran B Binsmon Xavier Jubina Mathew	1 <sup>st</sup>
7.	OBG	Kavitha D Srumy Vasu	3 <sup>rd</sup>
8.	First Aid and Basic Nursing Procedures	Arjun B Ujwal Anjaly Appukuttan Aswathy K.B Nikhil raj P.N	1 <sup>st</sup>
9.	SNA Activities in India	Anish V Shinaz A Jismy James	1 <sup>st</sup>
10.	Community Health Nursing	Aswani Raj Meera Krishnan Srumy Vasu	2 <sup>nd</sup>
11.	Nursing Education	Kavitha D Amala Varghese Manju Majeed A.M	2 <sup>nd</sup>
12.	Pediatric Nursing	Emalda Antony Greeshma Saikumar	3 <sup>rd</sup>

### LIST OF EMPLOYEES

Sl. No.	NAME OF EMPLOYEE	Sl. No.	NAME OF EMPLOYEE
<b>LECTURERS ON SCALE OF PAY</b>		<b>OFFICE ASSISTANT</b>	
1	Mr. Saji Joseph	1	Ms. Seetha T Issac
2	Ms. Regina J	<b>SECURITY STAFF</b>	
3	Mrs. Sajini Joy	1	Mr. Sebastian A.S
4	Mrs. Smitha P.V	2	Mr. Kurian George
<b>FULL TIME INTERNAL GUEST LECURERS</b>		3	Mr. Sabu Cherian
1	Ms. Jilu Maria Jose	<b>DATA ENTRY OPERATOR</b>	
2	Ms. Anila Philip	1	Ms. Hemamol T.V
3	Mr. Unnikrishnan V.S	<b>PEON</b>	
4	Mrs. Mary George	1	Mrs. Umabhai K.S
5	Mr. Mobin M Thomas	<b>PART TIME SWEEPERS</b>	
6	Ms. Asha Gopal	1.	Mrs. Mini Sajikumar
7	Ms. Jesna George	2.	Mrs. Jameela E.S
8	Ms. Sreelaya Thomas	3.	Mrs. Salini Lalu
9	Mr. Ashbin Cherian		
10	Mrs. Rajeswari G		
11	Ms. Vidya M		
12	Mrs. Soly Antony		
13	Mr. Renish Lawrence		
14	Mrs. Roshni Varghese		

## 1. University College of Pharmacy, Thalappady

- 1. Name of the School/Department :** Department of Pharmaceutical Sciences, MGU, RIMS R  
(With e-mail and website) E-mail: dps\_mgurimsr@yahoo.com  
Website : ww.dpsmgurimsr.edu.in.

2. **Head of the School/Department** : Dr. Jyoti Harindran

3. **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	9	6	03	-	15
Non-Teaching	06	03	01	-	09

4. **Courses offered with number of seats**

Under Graduate	Number of seats		Post Graduate	Number of seats		M.Phil	Number of seats		Ph.D	Number of seats	
	M	W		M	W		M	W		M	W
I B.Pharm	11	49	I M.Pharm	16	35	-	-	-	-	-	-
II B.Pharm	08	52	II M.Pharm	22	32	-	-	-	-	-	-
III B.Pharm	18	41	-	-	-	-	-	-	-	-	-
IV B. Pharm	11	52	-	-	-	-	-	-	-	-	-

5. **Student intake**

Intake, those appeared in the Examination and passed M - Men, W - Women															
Under graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W	
Final B.Pharm	04	35	03	23	I M. Pharm (1 <sup>st</sup> Batch)	1 <sup>st</sup> year Results awaiting									

6. **Details of Tests cleared by students**

Sl.No.	National Level	State Level
B.Pharm	01	7
GPAT	32	

7. **Library**

- (a) Total Number of Books : 1772 .  
 (b) Total Number of Journals : 21 (E-journals & Databases) are subscribed under UGC-Internet E-journals consortium.  
 (c) Total Number of Periodicals : 06 .  
 (d) Number of titles added during the year : 307

8. **Grants Received from**

- (a) State Government : Provides stipend and Tuition fees to all SC/ST students.  
 (b) Central Government : -  
 (c) University Grant Commission : -  
 (d) Others – specify : MODROBS – AICTE grant – Rs. 13 lakhs. RPS Project worth Rs 20 Lakhs from AICTE under consideration

9. **Projects Undertaken**

- (a) Synthesis of anti tubercular drugs and their screening.

10. **Seminars Conducted**

- (a) State Level : (1) Pharmachem 2011 sponsored by KSCSTE was conducted on 23<sup>rd</sup> and 24<sup>th</sup> February 2011

- (2) Awareness Programme on stroke by Dr. Vivek Nambiar.

- (3) Seminar sponsored by KSCSTE is to be conducted on 24 th February 2012

11. Seminars conducted by Faculty : Nil

12. Publications by the Faculty with Impact factor of the Publications : -

1) Dr. Jyoti Harindran

No. of Research papers published in International Journals/Conferences:

1. Project report on "The investigations on Bronchodilator Activity of Passiflora incarnata of family Passifloraceae." This work was presented in a seminar conducted by the Pharmacological Society of University of Strathclyde at U.K. (1987).
2. Paper published in an American journal namely "Drug development and Industrial Pharmacy", (1993) 19 (9) 2595-2609 titled "Role of New Antioxidants in the stabilization of ophthalmic and ear dosage form preparation of Hamycin".
3. Presented paper at the 50<sup>th</sup> IPC and 17<sup>th</sup> Asian Congress of Pharmaceutical Sciences at Bombay from 10<sup>th</sup> to 13<sup>th</sup> Dec 1998 entitled "The biological activity of HA-1-92 (a new microbial metabolite) isolated from Streptomyces CDRIL-312" in poster session of Pharmacology and Toxicology.
4. Published paper "Preparation, Relative Toxicity and Therapeutic efficacy in Mice and rats of Liposomal HA-1-92, a new oxohexaene - Polyene macrolide Antibiotic in Journal of Pharmacy and pharmacology Vol. 51 issue 7 pages 771-776 July 1999.
5. Paper on "targeting Cytokines in Cancer Therapy" Accepted at Keystone symposia Conference to be held from 27<sup>th</sup> March 2009 to 1<sup>st</sup> April 2009 at TELUS Whistler Conference center at Whistler, British Columbia, Canada.
6. In vitro anthelmintic activity of Samadera indica, Research journal of Pharm. and Tech., 4 (10) : Oct. 2011.

No. of Research papers published in National conferences/proceedings/journals: 6

2) Beena Thomas

Synthesis and comparison of biological activities of azetidinone, thiazolidinone and related compounds journal of heterocyclic communications 9(3): 259-264, 2003

13. Research Highlights of Faculty/Scholars: Nine Faculty members are doing Ph.D (Part time) Programme.

- 1) Synthesis of Anti tubercular drugs & their screening in association with CSIR as a part OSDD programme
  - 2) Optimization and evaluation of ocuserts ophthalmic drug delivery
  - 3) Phytochemical and pharmacological screening of active constituents of *Terminalia catappa*
  - 4) Pharmacological evaluation of morinda tinctoria and related species
  - 5) Antifertility studies on *Cyclea peltata* and related species
  - 6) Formulation and evaluation of sustained release matrix bi layer tablet for combination therapy
  - 7) Isolation and characterization of active constituents of *blepharis maderaspatensis* and its biological activity
  - 8) Psychopharmacological evaluation of *kaempferia* species extracts in mice
  - 9) Phytochemical screening of selected plants in Kerala
- Pharmaceutics Department is actively involved In developing new drug formulations of industrial importance to promote industry institution tie ups.

14. Academic Achievements : Nil

15. Student Achievements – Academic : Nil

16. Students Activities (Extra curricular)

- (a) National Service Scheme: Campus cleaning and planting of trees were done on 08.9.2011 as a Part of Green day Clean Campus Programme.
- (b) Arts Festivals : Cultural competitions have been conducted by Students Union

(c) Sports : Onam day celebrations, Christmas functions and other cultural  
fests for the part of routine curricula

(d) Games

**17. Industry Varsity Linkage:** We have necessary tie ups with local Pharma Companies, Sangrose Pharmaceuticals, Sanz Pharma, Pala. Our students are encouraged to do Industry oriented Projects. To acquire the recent developments and get practical knowledge, the students are motivated for in plant training in Pharmaceutical concerns.

**18. Academic Tie-ups (if any):** To upgrade the knowledge and skills in clinical Pharmacy, the students are trained in District Hospitals for securing them, their rightful place in the healthcare system and profession of Pharmacy.

**19. Student Progression:** : Nil

**20. Campus Recruitment (if any)** :

Sl no	Name of the Firm	No. of students attended		No. of students selected	
		Men	Women	Men	Women
1	Ranbaxy	5	20	2	-
2	Dr Reddy's	3	10	2	-

**21. Number of Ph.D's awarded so far :** Nil

**22. Research Scholars Registered in the School:**

Sl No.	Name of Research Scholars	Name of Guide	University
1 2 3 4 5 6 7	Sri Ganeshan.P. Beena Thomas Abdul Vahab Sujesh. M Jayachandran T.P Jessy Jacob Shan. P.Mohammed	Dr.Jyoti Harindran	Mahatma Gandhi University Kottayam
8	Sudir M.R.		Annamalai University, Tamilnadu
9	Jayaprakash A.P	Dr.K.K Srinivasan	Mahatma Gandhi University Kottayam

**23. Alumni Activities** : Alumni formed in 2007

## 2. University College of Pharmacy, Cheruvandoor

**1.Name of the School/Department :** University College of Pharmacy,  
Cheruvandoor (with e-mail and website) Email: info@mgupharma.edu  
Website : mgupharma.edu.in

**2. Head of the School/Department :** K.R Krishnakumar

### 3. Staff Profile

	Men	Women	Schedule Caste	Schedule Tribe	Total
Teaching	06	14	-	-	20
Non Teaching	07	03	-	-	10



#### 4. Courses Offered with Number of seats

Under Graduate	Number of seats		Post graduate	Number of seats		M Phil	Number of seats		Ph.D	Number of seats	
	M	W		M	W		M	W		M	W
B Pharm (4 Years)	36	180	M Pham II year	5	39						
			I year 10-11 onwards	12	33						

#### 5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B Pharm	10	44	5	30	M Pharm	1	9	1	9

#### 6. Details of Tests cleared by students : Nil

#### 7. Library

- Total Number of Books : 2367
- Total Number of Journals : 8
- Total Number of Periodicals : 5
- Number of titles added during the year books : 280

#### 8. Grants Received From

- State Government : Nil
- central Government : Nil
- University Grant Commission : Nil
- Others – specify : Nil

#### 8. Projects Undertaken

- KSCSTE Project (Rs.115500) on going

#### 9. Seminars Conducted

- State Level : Dr. Manojkumar P., Spectrometric identification.
- National Level : Nil
- International level : Nil

#### 10. Seminars conducted by faculty (Name wise-with details)

- State Level : A.J Chacko- 2 Pharmacy council –CME, 1- Nursing college , 1- poster evaluation St. James, IPC Manipal
- National Level : K.R Krishnakumar QIP class of Manipal, QIP class at Amrita. c. International : Nil

#### 11. Publications by the Faculty with Impact factor of the Publications

Estimation of cisapride by colourimetric and non-aqueous titrimetric methods, K.R. Krishnakumar & R. Raju, J. Institute of Chemists (India), Vol.83, Part 4, 2011 Antioxidant studies of the ethanolic extract of leaves of Hemionitis arifolia, Krishnakumar K.R., Srinivasan K.K., Jesil A. Mathew, N.V. Srikrishna Karthik, 63 IPC 2011, Scientific abstracts.

#### 12. Research Highlights of Faculty/Scholars

13. Academic Achievements : Kerala Entrance PG Qualified

14. Student Achievements – Academic : GPAT/GATE –five students qualified

#### 15. Students Activities/Achievements (extra curricular)

- National Service Scheme : Nil
- Arts Festivals : conducted on 4<sup>th</sup> May 2010
- Sports : conducted on 5<sup>th</sup> May 2010
- Games : conducted on 6<sup>th</sup> & 7<sup>th</sup> May 2010

16. Industry Varisty Linkage : Nil

17. Academic Tie-Ups (if any) : Nil

18. Student Progression : Nil

19. Number of PhD's awarded so far : Nil

20. Research Scholars Registered in the School

Sl. No	Name of Reseach Scholar	Title	Name of Guide
1	Abdul Vahab	PHYTOCHEMICAL AND PHARMACOLOGICAL SCREENING OF ACTIVE CONSTITUENTS OF FERMINALLIA CAT APPA	Dr. Jyothi Harindran
2	Beena Thomas	SYNETHESIS AND DEVELOPMENT OF DOSSAGE FORM OF HETEROCYLES WITH AZETIDINONE, THOAZOLIDINONE AND RELATED RINGS	Dr. Jyothi Harindran
3	JayaPrakash A.P	PHYTOCHEMICAL AND PHARMACOLOGICAL SCREENING OF SELECTED PLANTS OF KERALA	Dr. K.K Srinivasan
4	Krishnakumar K.R	PHYTOCHEMICA, AND ANTIDIABETIC STUDIES OF SOME INDIGENOUS MEDICIANAL PLANTS	Dr. K.K Srinivasan
5	Promod C	PHARMACOLOGICAL INVESTIGATIONS OF SELECTED INDIGENOUS HERBS FOR ANTI-INFLAMMATORY ACTIVITY	Dr. C.R Sudhakaran Nair
6	Sheeba Jasmic T.S	PHYTO CHEMICAL EVALUATION AND ANTICANCER STUDIES OF SOME SELECTED MEDICINAL PLANTS	Dr. Aleykutty N.A
7	Sreeganesh P	FORMULATION AND EVALUATION OF SUSTAINED RELEAASE MATRIX BIKAYER TABLET FOR COMBINATION THERAPY	Dr. Jyothi Harindran
8	Jayachandran T.P	PHARMACOLOGICAL EVALUATION	Dr. Jyothi Harindran
9	Sujesh M	PHYTOCHEMICAL EVALUATION AND ANTI FERTILITY STUDIES ON CYCLE A SPECIES	Dr. Jyothi Harindran
10	Sindumol P.G	FORMULATION AND EVALUATION OF MICRO PARTTICULATE DRUG DELIVERY SYSTEMS OF CEFIXIME	Dr. C.R Sudhakaran Nair

21. **Alumini Activities** (with e-mail and website) : Nil  
 22. **Any other Achievements** : Nil

## UNIVERSITY COLLEGE OF TEACHER EDUCATION

### 1. University College of Teacher Education, Kanjirapally

**1.Name of the School/ Department** : University College of Teacher Education, Kanjirapally  
 (With e-mail and website) : kplyucte@gmail.com

**2.Head of the School/Department** : Smt.Sudha K S (Principal)

#### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	7	1	-	8
Non Teaching	5	1	-	-	6

#### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BEEd	6	93									
	Total - 100										

#### 5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women														
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W
BEEd	6	93	6	93										

**6.Details of Tests cleared by Students** : Nil

**7.Library** : Nil

- (a) Total Number of Books  
 (b) Total Number of Journals  
 (c) Total Number of Periodicals  
 (d) Numer of titles added during the year

**8.Grants Received From** : Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

**9.Projects Undertaken** : Nil

**10.Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil

**12.Publications by the Faculty with Impact factor of the Publications:**

**Nil 13.Research Highlights of Faculty/Scholars** (A Short Discription) : Nil

14. **Academic Achievements** (A Short Discription) : Nil  
 15. **Student Achievements - Academic** (A Short Discription) : Nil  
 16. **Students Activities/ Achievements** –(Extra Curricular) : Nil  
 (a) National Service Scheme  
 (b) Arts Festivals  
 (c) Sports  
 (d) Games  
 17. **Industry Varsity Linkage** (If any, Short Discription) : Nil  
 18. **Academic Tie-Ups ( if any )** : Nil  
 19. **Student Progression** : Nil  
 (eg: Former student cleared civil service, joined MIT, Post doctroal fellowships )  
 20. **Campus Recruitment ( if any )** : Nil  
 21. **Number of PhD's Awarded so far** : Nil  
 22. **Research Scholars Registered in the School** : Nil  
 23. **Alumni Activities** (With e-mail and website) : Nil  
 24. **Any Other Achievements** : Nil

## 2. University College of Teacher Education, Kudamaloor, Kottayam

1. **Name of the School/ Department** : University College of Teacher Education, Kudamaloor  
 E-mail address : [ctekudamaloor@gmail.com](mailto:ctekudamaloor@gmail.com)

2. **Head of the School/ Department** : Suja P. Abraham, Principal

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	7	1	0	9
Non Teaching	2	1	0	0	3

### 4. Courses offered with number of seats Total Number of seats - 100

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BEEd	6	94									

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women Academic Year 2010-2011																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
BEEd	8	92	8	92													

6. **Details of Tests cleared by students** : Nil

### 7. Library

(a). Total Number of Books : 6976

- (b).Total Number of Journals : 05  
 (c).Total Number of Periodicals : 02  
 (d)Number of titles added during the year:

**8. Grants Received** : Nil

- (a).State Government  
 (b).Central Government  
 (c).University Grants Commission  
 (d)Others- Specify

**9. Projects Undertaken** : Not Applicable

**10. Seminars conducted** : Nil

**11. Seminars conducted by Faculty** : Nil

**12. Publication by the Faculty with Impact factor of the Publications**: Nil

**13. Research Highlights of Faculty / Scholars** : Sri Siva Prasad K is doing research in the Department of School of Pedagogical Sciences, M.G. University and now the Data Collection is in progress.

**14. Academic Achievements** : Nil

**15. Student Achievements – Academic** : Nil

**16. Students Activities/ Achievements (Extra –Curricular):**

(a) National Service Scheme : Nil

(b).Arts Festivals : Arts festival is conducted in February 2011 and the students participated in the programme wholeheartedly

(c) Sports : Sports meet was conducted

(d).Games : Competitions were conducted

**17. Industry Varsity Linkage (if any)** : Nil

**18.Academic Tie –Ups (if any)** : Nil

**19.Student Progression** : Nil

**20. Campus Recruitment**

Sl. No.	Name of the firm	No. of students attended		No. of students selected	
		M	W	M	W
	CBSC Schools & ICSC Schools around Kottayam			5	24

**21.Number of Ph .D’s Awarded so far** : Not Applicable

**22. Research Scholars Registered in the School:** Not Applicable

**23.Alumni Activities** : Nil

**24.Any Other achievements** : Nil

### 3. University College of Teacher Education, Muvattupuzha

**1.Name of the School/ Department** : University College of Teacher Education, Muvattupuzha

**2.Head of the School/Departmen** : Dr. T.P.OMANA

#### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	13	3	NIL	15
Non Teaching	4	-	-	-	4
Supporting Staff	2	1	-	-	3

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
	B.Ed	21		178							


**6. Details of Tests cleared by Students**

**7. Library**

- (a) Total Number of Books : 3998
- (b) Total Number of Journals : 12
- (c) Total Number of Periodicals : 15
- (d) Number of titles added during the year : Nil

**8. Grants Received From**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others - Specify : Nil

**9. Projects Undertaken**

: Nil

**10. Seminars Conducted**

: Nil

**11. Seminars Conducted by Faculty**

: Nil

**12. Publications by the Faculty with Impact factor of the Publications :**

Nil

**13. Research Highlights of Faculty/Scholars**

: Nil

**14. Academic Achievements (A Short Description)**

: Nil

**15. Student Achievements - Academic (A Short Description)**

: Nil

**16. Students Activities/ Achievements -(Extra Curricular)**

: Nil

(a) National Service Scheme

: Nil

(b) Arts Festivals

: Conducted in the college on 8<sup>th</sup> & 9<sup>th</sup> February 2010

(c) Sports

: Conducted in the college on 18 February 2010

(d) Games

: Nil

**17. Industry Varsity Linkage (If any, Short Description)**

: Nil

**18. Academic Tie-Ups ( if any )**

: Nil

**19. Student Progression**

: Nil

(e.g: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment ( if any )**

: Nil

**21. Number of PhD's Awarded so far**

: Nil

**22. Research Scholars Registered in the School**

: Nil

**23. Alumni Activities (With e-mail and website)**

: Conducted on 14<sup>th</sup> May 2010

**24. Any Other Achievements**

: Nil

**5. Student Intake**

Intake, those Appeared in the Examination and Passed M-Men, W-Women

Under Graduate	Appeared	Passed	Post Graduate	Appeared	Passed	M. Phil	Appeared	Passed	Ph. D	Appeared	Passed
	M W M	M W M		M W M W	M W M W		M W M W	M W M W		M W M W	M W M W
B.Ed	21	171									

: Nil

#### **4. University College of Teacher Education, Thodupuzha**

**1.Name of the School/ Department:** University College of Teacher Education, Thodupuzha

**2.Head of the School/Department :** Dr.JayasreeP.G., Principal

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	7	2	1	9
Non Teaching	3	3	-	-	6

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed	11	119	-	-	-	-	-	-	-	-	-

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	11	119	11	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 5303
- (b) Total Number of Journals : 2
- (c) Total Number of Periodicals : 1
- (d) Number of titles added during the year

**8. Grants Received From** : Nil

- (a) State Government
- (b) Central Government
- (c) University Grant Commission
- (d) Others - Specify

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** (Name wise –with details)

- (a) State Level : Dr. Jayasree P. G. Attended a seminar organised by S.C.E.R.T. & A Regional Seminar on RIGHT TO EDUCATION ACT: THE KERALA CONTEXT
- (b) National Level : Nil
- (c) International Level : Nil

### 12. Publications by the Faculty with Impact factor of the Publications

Attended two International and one national level conference.

Total No. of publications – seven. (since now).

### 13. Research Highlights of Faculty/Scholars

Influence of emotional intelligence and locus of control on mathematics achievement at degree level. Reactionism –radicalism attitude and moral judgement of adolescents. All publications are related to Education.

**14. Academic Achievements** (A Short Discription) : Nil

**15. Student Achievements - Academic** (A Short Discription)

All students who appeared the examination passed with stupendous achievements. (Two students – not appeared the examination).

**16. Students Activities/ Achievements** –(Extra Curricular)

- (a) National Service Scheme : Nil
- (b) Arts Festivals : Yes
- (c) Sports
- (d) Games : Study tour/ Club Activities



18. Academic Tie-Ups ( if any ) : Nil  
 19. Student Progression : Nil  
 (eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )  
 20. Campus Recruitment ( if any ) : Nil  
 21. Number of PhD's Awarded so far : one  
 22. Research Scholars Registered in the School

Sl.No	Name of Research Scholar	Title	Name of Guide	
1	Sri. Mahin K. Aliyar	Impact of Economic reforms on Education Activity of Kerala.	Dr. Sheela Varghese	Subject – in Economics

23. Alumni Activities (With e-mail and website) : Nil

24. Any Other Achievements : Nil

## 5. University College of Teacher Education, Erattupetta

1. Name of the School/ Department : University College of teacher Education, Erattupetta  
 (With e-mail and website) : mgetpa@gmail.com

2. Head of the School/Department : JANCY LUKOSE

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	6	2		10
Non Teaching	5	2			7

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed.-100											

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
91	21	67	21	67																

### 6. Details of Tests cleared by Students

Sl.No	National Level	State Level	No. of students passed
		SET	2

### 7. Library

- (a) Total Number of Books : 4380  
 (b) Total Number of Journals : 7  
 (c) Total Number of Periodicals : 4  
 (d) Number of titles added during the year : 60

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

9. Projects Undertaken : Nil  
 10. Seminars Conducted : Nil  
 11. Seminars Conducted by Faculty : Nil  
 12. Publications by the Faculty with Impact factor of the Publications : Nil  
 13. Research Highlights of Faculty/Scholars (A Short Description) : Nil

14. Academic Achievements : Cent Percent Pass in University Exam 2011

**15. Student Achievements - Academic**

(Out of 88 students appeared for University Exam 2011, all students passed. 1 A+, 25 A and 62 B+ Grade)

**16. Students Activities/ Achievements –(Extra Curricular)**

(a) National Service Scheme

(b) Arts Festivals : University Youth Festival 2011-1<sup>st</sup> Prize in Short story writing -Malayalam

(c) Sports : Nil

(d) Games : Nil

17. Industry Varsity Linkage : Nil

18. Academic Tie-Ups ( if any ) : Nil

19. Student Progression : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

20. Campus Recruitment ( if any ) : Nil

21. Number of PhD's Awarded so far : Nil

22. Research Scholars Registered in the School: Nil

23. Alumni Activities (With e-mail and website) : Alumni association is functioning well

24. Any Other Achievements : Nil

## 6. University College of Teacher Education, Paippad

1. Name of the School / Department: University College of Teacher Education, Paippad (with e-mail and website) : e-mail – [uctepaippad@yahoo.com](mailto:uctepaippad@yahoo.com)  
 website – [www.mguniversity.edu](http://www.mguniversity.edu)

2. Head of the School / Department: Radha Kaimal, Principal

**3. Staff Profile :**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	03	07	01	---	11
Non-Teaching	03	---	---	---	03

**4. Courses Offered with Number of seats :**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		PhD	Number of Seats	
	M	W		M	W		M	W		M	W
B. Ed (2011-12)	09	86	NIL	---	---	NIL	---	---	NIL	---	---

## 5. Student Intake :

Under Graduate	Intake, those appeared in the Examination and passed M-Men, W- Women																		
	Appear ed		Passed		Post Grad uate	Appear ed		Passe d		M. Phil	Appeare d		Passed		Ph D	Appear ed		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed 2010-11	08	88	08	88	NIL	--	--	--	--	NIL	--	--	--	--	NIL	--	--	--	--

**6. Details of Tests cleared by Students** : Nil

**7. Library** :

- (a) Total Number of Books : 3585
- (b) Total Number of journals : 08
- (c) Total Number of Periodicals : 01
- (d) Number of Titles added during this year : 10

**8. Grants received from** : Nil

- (a) State Government
- (b) Central Government
- (c) University Grants Commission
- (d) Others – Specify

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars conducted / attended by faculty** ( Name – wise with details )

- (a) State Level : Nil
- (b) National Level : 1. Thara. K. S – On Spiritual Intelligence  
2. Dr. Lali. S - On Spiritual Intelligence
- (c) International Level: 1. Sunny Raj. A – On Education for Sustainable Development  
2. Reshmi. K. S – On education for Sustainable Development

**12. Publications by the faculty with impact factor of the publications:** Nil

**13. Research Highlights of Faculty / Scholars** : Nil

**14. Academic Achievements** : Nil

**15. Students Achievements – Academic** ( A Short Description )

96 students, 08 male and 88 female students appeared from UCTE, Paippad for B.Ed Degree Second semester Examination, September, 2011. All the 96 students passed the same, with a pass percentage of 100%.

**16. Students Activities / Achievements – ( Extra Curricular )**

- (a) National Service Scheme : Nil
- (b) Arts Festival : Conducted Arts Festival in the College
- (c) Sports : Conducted Annual Sports Meet in the College
- (d) Games : Conducted Annual Sports Meet in the College

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups** ( If, any ) : Nil

**19. Student Progression** : Nil

(eg. Former student cleared civil service, joined MIT, post doctoral fellow ships )

**20. Campus Recruitment** ( if any ) : Nil

**21. Number of PhD's Awarded so far** : Nil

**22. Research Scholars Registered in the School:** Nil

**23. Alumni Activities** ( with e-mail and website ): Nil

**24. Any Other Achievements** : Nil

## 7. University College of Teacher Education, Thottakad

**1. Name of the Institution** : University College of Teacher Education, Thottakad

**2. Head of the Institution** : Dr. Sreelatha Amma R.

**3. Staff Profile**

	Men	Women	SC	ST	Total
Teaching	3	8	2	—	11
Non-Teaching	2	1	—	—	3

**4. Course offered With Number of Seats**

	Men	Women	Total
B.Ed	15	85	100

**5. Students Intake**

UG	Appeared		Passed	
	M	W	M	W
B.Ed.	15	85	15	85

**6. Library**

- (a) Total Number of Books: 4377
- (b) Journals: 6
- (c) Number of titles added during the year: 50

**7. Seminar Conducted By the Faculty**

- (a) National Level:
  - 1. Blossom R. Nair  
Title: Human Rights of Differently Able children at National Level Seminar at N.S.S College Chenganacherry.
  - 2. Jaionmammen  
Title: Spiritual Intelligence and stress management at National Level Seminar at N.S.S Chenganacherry.

**8. Publication**

Title: **Recent Trends and Developments in Teaching and Learning** by Dr. Sreelatha amma R. and Blossom R. Nair. Published by True Theme Publishers, Kottayam

**9. Academic Achievement:** Awarded P.h .Degree to Bindu A.C and Bini R

**10. Students Activities**

- (a) Arts Festival : Conducted Arts Festival on 16 February 2011
- (b) Sports : Conducted Sports Day on 18th February, 2012

**11. Alumni Activities** : Conducted Alumni Association meeting during March 2011

## 8. University College of Teacher Education, Tripunithura

**1. Name of the School** : University College Of Teacher Education, Tripunithura  
Email Address : [mgucte@gmail.com](mailto:mgucte@gmail.com)

**2. Head of the School** : Suja K K (Principal)

**3. Staff Profile** :

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	03	07	---	---	10
Non-Teaching	---	03	02	---	03

**4. Courses Offered with number of seats :**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		PhD	Number of Seats	
	M	W		M	W		M	W		M	W
	B.Ed (2011-12)	12		88	NIL		---	---		NIL	---

**5. Student Intake:**

Intake, those appeared in the Examination and passed M-Men, W- Women																			
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		Passe d		M. Phil	Appeare d		Ph D	Appear ed		Passed			
	M	W	M	W		M	W	M	W		M	W		M	W	M	W	M	W
B.Ed 2010-11	12	81	12	81	NIL	--	--	--	--	NIL	--	--	--	--	NIL	--	--	--	--

6. Details of Tests cleared by students : Nil
7. Library  
 Total No. of books : 4716  
 Total No. of Journals / Periodicals : 6
8. Grants received : Nil
9. Projects Undertaken : Nil
10. State/National/International Seminars Conducted : Nil
11. Seminars Conducted by Faculty : Nil
12. Publications by the Faculty with Impact factor of the Publications : Nil
13. Research Highlights of Faculty / Scholars : Nil
14. Academic Achievements : Nil
15. Student Achievement – Academic : Hundred percent result
16. Students Activities/ Achievements-( Extra Curricular) : Nil
17. Industry Varsity Linkage : Nil
18. Academic Tie-Ups : Nil
19. Student Progression : Nil
20. Campus recruitment : Nil
21. Number of Ph.D's awarded so far : Nil
22. Research Scholars Registered in the School : Nil
23. Alumni activities : Nil
24. Any other achievements : Nil

## INTER UNIVERSITY CENTRES

### Advanced Centre of Environmental Studies and Sustainable Development(ACESSD)

- 1 **Name of the Centre:** Advanced Centre of Environmental Studies and Sustainable Development(ACESSD)  
 e-mail: [accessdmgu@gmail.com](mailto:accessdmgu@gmail.com)  
 website: [www.acesd.org](http://www.acesd.org)
- 2 **Head of the Centre:** Dr. A.P Thomas

**3 Staff Profile:**

Associate Fellow

1. Dr. K. Usha
2. Dr. G. Christopher

Research Fellows

1. Mr. Prasanth Narayanan S.
2. Mr. Sijumon V. A
3. Mrs. P. Padma
4. Ms. Shanthi Prabha V.
5. Mr. Sreekanth N.P

**Projects Undertaken****1. Climate change studies:****A. Terrestrial carbon dynamics of multiple land use in Kerala under global warming perspective.**

The study aims to assess the Carbon dynamics of different land use categories based on its conversion hierarchy and history. Apart from this the impact of land use change and erosion on Soil Carbon accruals is another highlight of the study. A detailed core studies to determine the C status of different land use pattern using Carbon dating studies will also be undertaken. Study will account the source / strength capacity of different land use systems from a climate change perception to formulate a better management sketch emphasizing more carbon sequestration and thereby cut back CO<sub>2</sub> induced climatic abnormality. Baseline soil carbon assessment of land categories under consideration has been completed. Implications of land use change on soil carbon dynamics of selected categories were also assessed. A part of the carbon speciation studies have been completed. Completed the vegetation carbon sampling and the data analysis is progressing. Sample analysis and interpretation of selected watershed area is progressing and also initiated the work on carbon dynamics of the near shore coastal system.

**B. Carbon transition in wetland rice soil**

The study appraises the baseline carbon balance and source strength inventory of Green House Gases (GHGs) and the also the soil carbon sequestration potential of selected rice cultivating tracts. The study also analyzes the role of primary variables governing carbon dynamics with the conducive environment and process for enhanced soil carbon sequestration. Regional contribution of GHGs towards radiative forcing and global warming will also be investigated. Finally formulation of a sustainable CDM (Clean Development Mechanism) to offset green house gas will undertake. So far completed the baseline carbon dynamics of the selected area and also executed and completed the growth trials for delineation of primary environmental variables governing carbon dynamics and its sequestration in wetland soil. The potential of various biochar were analysed through three growth trials and initiated the green house gas inventory.

**2. Green Chemistry and Technology:**

Polymer membranes find many applications in the area of water and waste water purification, protein adhesive/nonadhesive films, biosensors and sustainable energy. Projects have been undertaken in the following areas.

**A. Membrane Technology**

**a. Carbon sequestration:** The reduction of green gas emission is by the capture of carbon dioxide from the flue gases followed by underground sequestration. The pre-requirements of gas membrane for such processes are stability as well as flexibility and these can be combined in self assembled multilayers based on porous polymer support and polyelectrolyte nanolayers. The entire fabrication of membranes follow a green protocol.

**b. Effluent Treatment and removal of organic water contaminants:** A few nano layers of natural polyelectrolytes deposited on microfiltration membrane can effectively treat effluent streams and can reduce COD and colour to a greater extent. They not only purify effluent being discharged to water bodies but recovers value added products as well. Similar nanomembranes are being tested for the removal of organic water pollutants such as herbicides, their metabolites, and surfactants

**c. Development of nanomembrane based biosensors:** Nanomembranes fabricated from biopolymers that have intrinsic fluorescence can sense air pollutants' such as hydrogen peroxide upto picomolar

level. Ovalbumin immobilised nanomembranes is too promising in sensing mercury and nitro compounds as well.

**d. Improvement of the fuel efficiency of Direct Methanol Fuel Cells (DMFC):** Direct methanol fuel cells (DMFC) using methanol as fuel is a promising candidate to compete with conventional batteries. Recently, layer-by-layer (LBL) assembly of polyelectrolytes on ionomer membranes have shown to be an efficient method to improve the performance of DMFC. With the development of self assembled (multilayered) membranes, we can very well incorporate naturally occurring bio degradable materials to modify the existing membranes and render them the properties suitable for variety of purposes in an economical fashion.

**B. Advanced Oxidation Process (AOP):** Advanced Oxidation Process, based on in situ generation of powerful oxidising species such as hydroxyl radicals, is an emerging technology for the degradation of organic water pollutants which are otherwise persistent. The ongoing projects include photochemical technique utilising both UV and Vis lights on hydrogen peroxide, ultrasound initiated radical formation in aqueous medium, and nano-particle mediated photodecomposition of a variety of organic pollutants. The monitoring of the degradation is being done using highly sophisticated equipments such as TOC, IC, HPLC, GC and LC-MS.

### **3. Earthworm diversity and distribution in the Western Ghats forests, Kerala:**

The study was initiated in August 2011. Post monsoon sample collections were done from Nedumkandam, Attapady area, Konni Division, Mankulam Division, and Munar division. More than 500 samples were collected from different altitudes and soil types. Subsequently an earthworm laboratory with analytical and reference facility was setup in the School of Environmental Sciences. A workshop was organised in January 2012, with Dr Julka, former joint director, Zoological Survey of India as resource person. Field collection, taxonomic identification, earthworm anatomy, etc are the areas where selected students were given training during the workshop. A checklist of earthworms reported from Kerala was also prepared. Besides taxonomy, other aspects like earthworms and microbes, earthworms and soil fertility, earthworms as bio-indicators and earthworms and climate change also come under the study.

### **4. Human ecological studies of indigenous communities in the Southern-Western Ghats:**

The study is conceived as a long-term project of six years period and the project is implemented jointly with the Inter-University Centre for Social Science Research and Extension (IUCSSRE). Field work and data collection has started already. Settlement profiles and assessment of agro-ecological aspects have started. Simultaneously a detailed compilation of existing ethno-biological works in the Western Ghats is also going on. A project fellow is appointed in the project. A review meeting of field work schedules and subsequent field works have been planned jointly as well as individually in the southern sector.

### **5. Status and ecology of Oriental Darter *Anhinga melanogaster* at Kuttanad wetlands, Kerala:**

Oriental darter (*Anhinga melanogaster*) belonging to the family Anhingidae is a near threatened, mainly piscivorous, heronry nesting species. Major objectives of this study is to find out the general status of the heronries of Kuttanad, present status of Oriental Darters, breeding habitat evaluation, prey abundance and its foraging details. So far 18 heronries have been documented. Oriental darters are found to nests in 7 heronries and maximum nests were recorded from Karumady heronry complex. So far 18 species of trees were preferred for nesting by Oriental Darter in Kuttanad. 21.1 m is the average nesting height of Darter at Kuttanad.

### **Seminars/Workshops Conducted**

- **National Seminar on ‘Kalari and Marma Vaidhya’** - as part of Science and Traditional Practices series (in collaboration with the Inter-University Centre for Social Science Research and Extension (IUCSSRE), April 30 & May 1, 2011.
- **National Seminar on ‘Vastu – the relevance on Shelters’** conducted at the School of Environmental Sciences, 16 May 2011.
- **One-week training workshop on Earthworm Diversity Studies** organised with Dr. Julka, former Joint Director, Zoological Survey of India as Resource Person, January 23-29, 2012
- **Short term training programmes in Analytical Instrumentation-chromatographic techniques** (Ion Chromatography, High pressure liquid chromatography and Gas chromatography), 25-4-2011 to 27-4-2011.

- **Short term training programmes in Analytical Instrumentation- chromatographic and microscopic techniques** (High pressure liquid chromatography, Gas chromatography and Scanning electron microscopy), 1-12-2012 to 3-12-2012.
- **National seminar on Changing pattern of Western Ghats Biodiversity**, January 20-21, 2012. Collaborated with St. Mary's College, Manarcaud.
- **National seminar on Current Concepts in Immunology**, August 18-19, 2011. Collaborated with St. Thomas College, Kozhencherry.

## **Publications**

### **A. Books/booklets**

1. Environmental awareness and training series: 1. Energy conservation
2. Indoor air pollution
3. Health and heavy metal series: 1. Cadmium
4. Water

### **B. Journal Papers**

#### **Papers in International Journals**

##### **Dr. A.P. Thomas**

- Ajayakumar B, Sreedharan K, Mahesh mohan, **A.P. Thomas** & Nair P.K.K. Evaluation of the Holocene environmental changes of the south west coast, India: a paleo-palynological approach, *Journal of Earth System Science*. JESS-D-11-00294R1, **2012**.
- Shijo Joseph, M. S. R. Moorthy and **A.P. Thomas**. The Progress on remote sensing technology in identifying tropical forest degradation: a synthesis of the present knowledge and future perspectives, *Environmental Earth Sciences* (springer), 64:731-741, **2011**.
- Shijo Joseph and **A.P. Thomas**. Comparison of carbon assimilation estimates over tropical forest types in India based on different satellite and climate data products, *Int. J. Appl. Earth Observation & Geoinformation*, JAG – D-00006 R2. **2011**.
- Abhirosh Chandran, Sherine Varghese, Ellen Kandeler, **Ambattu Thomas** and A. A. Mohamed Hatha. An assessment of potential public health risk associated with the extended survival of indicator and pathogenic bacteria in freshwater lake sediments, *International Journal of Hygiene and Environmental Health* (ELSEVIER) doi:10.1016/j.ijheh, **2011**.
- B. Ajayakumar, P.S. Rakesh, Mahesh Mohan K.S. Unni and **A.P. Thomas**. Interpretation of the quantitative geomorphology of the Meenachil river basin, Kerala, South India using remote sensing and geographical information system, *Eco.Env. & Cons*, 17(2), 297-311, **2011**.
- Ajayakumar B, Mahesh Mohan, M.K. Renjith, K.S. Unni and **A.P. Thomas**. Holocene morphological modification of South West Coast of India : Evidence from Paleo-deposits of Meenachil river basin, Kerala, *Eco. Env. & Cons*, 17(2) 313-324. **2011**.
- S. Prasanth Narayanan, B. Sreekumar and **A.P. Thomas**. Ornithofauna and its conservation in the Kuttanad wetland, southern portion of Vembanad – Kole Ramsar site, India, *Journal of Threatened Taxa*, 3 (4): 1663-1676. **2011**.
- Mahesh Mohan, M. Deepa, E.V. Ramasamy and **A.P. Thomas**. Accumulation of mercury and other heavy metals in edible fishes of Cochin backwaters, southwest India, *Envt. Monit. Assessment* (springer), DOI 10.1007/s10661 – 011 – 2258-5. **2011**.
- C Abhirosh, V Sherine, **A.P. Thomas**, A. A. M. Hatha and Majumder. Potential public health significance of fecal contamination and multidrug-resistant Escherichia coli and salmonella serotypes in a lake in India, *Public Health* (ELSEVIER) xxx:1-3.

##### **2011. Dr. K. Usha**

- M. S. Baburaj, C. T. Aravindakumar, S. Sreedhanya, A.P. Thomas and **U. K. Aravind**, Treatment of model effluents with PAA/CHI and PAA/PEI composite membranes, *Desalination*, 288 (2012) 72-79. Impact factor 1.9
- V. M. Manoj , Usha K. Aravind, Hari Mohan, Charuvila T. Aravindakumar, Reaction of hydroxyl radicals with S-nitrosothiols: Formation of thiyl radical (RS•) as the intermediate, *Res Chem Intermed* 37 (2011) 1113–1122



- J. Mathew, S. Sreedhanya, M. S. Baburaj, C. T. Aravindakumar and **Usha. K. Aravind**, Fabrication of switchable protein resistant and adhesive multilayer membranes, *Journal of Colloids and Interface Science* :B (In Press, DOI; Impact factor 2.9

Prasanth Narayanan S.

- **Narayanan, S.P.**, Thomas, A.P. and Sreekumar, B. 2011. Ornithofauna and its conservation in the Kuttanad wetlands, southern portion of Vembanad-Kole Ramsar Site, **India**. *Journal of Threatened Taxa* 3(4): 1663-1676.
- **Narayanan, S.P.**, Sreekumar, B., Vijayan, L. and Thomas, A.P. Status of the nests of Oriental Darter *Anhinga melanogaster* at Kumarakom heronry. (Accepted: *National Academy Science Letters*)
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### C. Conference /Seminars

Dr G. Christopher

#### Conferences Attended

- 21 March 2011 – Participated as a resource person in the workshop on assessment of Biodiversity rich spots in the Kerala Western Ghats, organised by ATREE and Kerala Forest Research Institute, at KFRI, Trichur

#### Invited Talks

- 28 January 2011 - Indigenous Communities of Kerala Forests and their subsistence activities. Talk given at the PG Department of Sociology, St Josephs College, Mala.
- 29 January 2011 - ‘Endemic birds of Western Ghats and its conservation’ – talk given at NSS College, Vazhoor
- 11 February 2011- ‘Habitat and conservation of rare and threatened Mammals of Southern Western Ghats’, talk given at the Mangalam College of Engineering and Business Management
- 8 April 2011 - ‘Forest Fire: Social and ecological implications’. Talk given to the EDC members of the Periyar Foundation, Thekady.
- October 2011 - ‘Wild Elephants: behaviour and interaction with people’. Talk given to Elephant Mahouts, Punalur Forest Division.
- November 2011 - ‘Habitat types and fragmentation: threat to conservation’. Talk given to the media persons at Periyar Foundation, Periyar Tiger Reserve, Thekady
- 27 February 2012 - A talk given on ‘Nature, Science and Society at the School of Pure and Applied Physics, M.G. University as part of the National Science Day Celebrations 2012.
- 08 March 2012 – An invited lecture given on ‘Communities and conservation in the Agasthiyamalai area’, at Malabar Christian College, Kozhikode.

Dr. K. Usha

#### Papers in conference proceeding

- Sijumon V. A, **Usha.K.Aravind** and C.T. Aravindakumar (2012), Paper Effluent: Photochemical and Fenton treatment for the reduction of TOC and COD, ,National seminar on Green Chemisty-The ultimate tool for pollution control, Assumption College, Changanachery,
- Disha V.J. C.T.Aravindakumar, **Usha K Aravind**, (2012) Recovery of phosphate using multilayer membranes: A path to green fertilizer, National seminar on Green Chemisty-The ultimate tool for pollution control, Assumption College, Changanachery
- Divyalakshmi T.V, C.T. Aravindakumar and **Usha.K.Aravind** (2012) Increased hydrophilicity of National seminar on Green Chemisty-The ultimate tool for pollution control, Assumption College, Changanachery
- Sijumon V. A, **Usha.K.Aravind** and C.T.Aravindakumar, (2012) Photochemical and Fenton treatment of papermill effluent for the removal of organic water pollutants, National seminar on Sustainable Development, School of Environmental Sciences, Kotayam.
- S. Sreedhanya, Jissy Mathew, C.T.Aravindakumar and **Usha.K.Aravind** (2012), Surface modified microfiltration membranes for the treatment of aminoacids. *International conference on Nanomaterilas, Synthesis, characterization and application,P-60, Page 142*

- Disha V.J, C.T.Aravindakumar and **Usha.K.Aravind** (2012), *Sustainable phosphorous initiative using nanomembranes, International conference on Nanomaterials, Synthesis, characterization and application,P-61, Page 143*
- T. V Divyalakshmi, C.T.Aravindakumar and **Usha.K. Aravind** (2012) Hydrophilicity of CHI/PSS nanolayers: An ATR-FTIR Study, *International conference on Nanomaterials, Synthesis, characterization and application,P-62, Page 144.*
- M. S. Baburaj, C. T. Aravindakumar and **Usha K. Aravind** (2012), Treatment of Model Textile effluents with PAA/CHI and PAA/PEI Nanomembranes. *International conference on Nanomaterials, Synthesis, characterization and application,IL-16, Page 26*
- M. S. Baburaj, C.T. Aravindakumar and, **Usha K. Aravind** (2012), Water Softening applications of Chitosan based Nanomembranes,. *International conference on Nanomaterials Synthesis, characterization and application, P-56, Page 138*
- M. S. Baburaj, **Usha K Aravind** and C. T. Aravindakumar (2011), Interaction of Model Effluents with Selfassembled Membranes. *International conference on membranes: Environmental and biological applications. P-35, page 79.*
- M. S. Baburaj, **Usha K Aravind** and C. T. Aravindakumar (2011), Transport of ions through CHI/PSS multilayers. *International conference on membranes: Environmental and biological applications. P-36, page 80.*
- P. Nikhil Chandra, M. S. Baburaj, **Usha K Aravind** and C. T. Aravindakumar (2011) Removal of herbicides from water by Humic acid-chitosan multilayer system. *International conference on membranes: Environmental and biological applications. P-48, Page 87.*
- T.V Divyalakshmi, M. S. Baburaj, **Usha K Aravind** and C. T. Aravindakumar (2011), ATR-FTIR studies of CHI/PSS multilayer. *International conference on membranes: Environmental and biological applications. P-45, page 85.*
- T.V Divyalakshmi, C.T Aravindakumar and **Usha K Aravind**, Lysozyme immobilized polyelectrolyte film: A spectroscopic study, *International conference on membranes: Environmental and biological applications. P- 46, page 86.*
- M. S. Baburaj, **Usha K Aravind** and C. T. Aravindakumar (2011), Riboflavin loaded CHI/PSS multilayers, its interaction with BSA and KI. *International conference on membranes: Environmental and biological applications. YI-4, page 46.*
- Jissy Mathew, S. Sreedhanya, C.T Aravindakumar and **Usha K Aravind** (2011), Switchable BSA Resistant and adhesive CHI/PSS multilayer membrane, *International conference on membranes: Environmental and biological applications. P-15, page 6*
- Jissy Mathew, C.T Aravindakumar and **Usha K Aravind** (2011), Transport studies of aminoacids through CHI/PSS multilayer membrane, *International conference on membranes: Environmental and biological applications. P-16, page 65.*
- Disha V.J, C.T Aravindakumar, A.P Thomas and **Usha K Aravind** (2011), Transport properties of phosphate through PDADMAC/PSS multilayers, *International conference on membranes: Environmental and biological applications. P-8, page 57.*

#### **Invited talks**

- Polyelectrolyte Multilayer Membranes in Water; INDO-UK Workshop On Current Development of Wastewater Treatment- Advanced Separation Processes (2011) , August 2011 ,National Institute of Technology, Tiruchirappalli, India.
- Fabrication of switchable protein resistant and adhesive CHI/PSS multilayer membranes; Second International Conference on Nano Materials: Synthesis, Characterization and Applications, Jan 2012, Kottayam, Kerala.
- Persistent organic pollutants in plantation; National seminar on Green chemistry – the ultimate tool for pollution control, Feb 2012, Assumption College, Changanacherry, kottayam, kerala.

Prasanth Narayanan S.

#### **Papers in Conference Proceedings**

- Rajan, B., Varghese, V.M., Paul, J., Augustine, T., Narayan, P. and Pradeepkumar, A.P. 2011. Environmental risk assessment and vulnerability analysis of tourism in a high altitude

destination in Kerala, South India. In:  
Disaster Research, Disaster, Risk and Vulnerability Conference, School of Environmental  
Sciences, Mahatma Gandhi University, Kottayam, Kerala. March 12-14, 2011.

#### **Invited Talks**

- July 2011. Two talks “i) A discussion on ID-ing some confusing forest birds and ii) Our nocturnal birds” given to the members of the Eco-Development Committees, Periyar Tiger Reserve, at Periyar Foundation, Periyar Tiger Reserve, Thekady, Idukki.
- 20 January 2012. Eleven Years of Vembanad Waterbird Counts: A brief summary” at Vembanad Waterbird Count 2012 at Regional Agriculture Research Station, Kumarakom, by Kottayam Nature Society, Dept. Field Publicity and Kerala Forest and Wildlife Dep.
- 22 February 2012– An invited lecture on “Avifauna and its conservation at Kuttanad wetlands” at NSS College, Changanassery, Kottayam, organised by Dep. Of Botany in association with Centre for Environment and Development, Thiruvananthapuram and Ministry of Environment and Forests, New Delhi.

#### **Seminars/Workshops Attended**

- March 12-14, 2011. Applied Disaster Research, Disaster, Risk and Vulnerability Conference, at School of Environmental Sciences, Mahatma Gandhi University, Kottayam.
- April 30 & May 1, 2011 - National Seminar on ‘*Kalari and Marma Vaidhya*’ as part of Science and Traditional Practices series at Advanced Centre of Environmental Studies and Sustainable Development in collaboration with the Inter-University Centre for Social Science Research and Extension (IUCSSRE).
- May 16 2011 - National Seminar on ‘*Vastu – the relevance on Shelters*’ by Advanced Centre of Environmental Studies and Sustainable Development conducted at the School of Environmental Sciences.
- January 23-29, 2012 – One-week training workshop on Earthworm Taxonomy. Studies organised with Dr. J.M. Julka, former Joint Director, Zoological Survey of India as Resource Person.

#### Sijumon V. A

#### **Papers in Conference Proceedings.**

- Paper entitled “Photochemical and Fenton treatment of paper mill effluent for the removal of organic water pollutants” in national seminar on sustainable development: recent trends in meeting the challenges (NSSD-2012) conducted by school of Environmental sciences, M G University
- Paper entitled “Paper Effluent: Photochemical and Fenton treatment for the reduction of TOC and COD” in UGC sponsored national seminar on green chemistry-The ultimate tool for pollution control conducted by Department of chemistry Assumption college Changanacherry

#### **Conferences Attended**

- International conference on membrane-environmental and biological applications, organized by the Centre for Environmental Education and Technology (CEET), Kottayam, Kerala, India and The Common Instrumentation Centre (CIC), Mahatma Gandhi University, Kottayam, India
- National seminar on sustainable development: recent trends in meeting the challenges (NSSD-2012) conducted by school of Environmental sciences, M G University.
- UGC sponsored national seminar on green chemistry-The ultimate tool for pollution control conducted by Department of chemistry Assumption college Changanacherry

#### **Academic Achievements**

- **Best poster award** for the title “Photochemical and Fenton treatment of paper mill effluent for the removal of organic water pollutants” in national seminar on sustainable development: recent trends in meeting the challenges (NSSD-2012) conducted by school of Environmental sciences, M G University
- **Best poster award** for the title “Paper Effluent: Photochemical and Fenton treatment for the reduction of TOC and COD” in UGC sponsored national seminar on green chemistry-

The ultimate tool for pollution control conducted by Department of chemistry Assumption college Changanacherry

Mrs. P.Padma

**Papers in Conference Proceedings.**

- P. Padma, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas , ‘Sustainable Consumption For Healthy Environment’ Two day National Seminar on Healthy life style, 29-30 March 2011, M. G University, Kottayam.
- P. Padma, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas , ‘Eco Schools crafts Local solution to Global Climate change ’ Two day National Seminar on Climate change and India: a Gender Disaggregated approach, B.K. College, Department of economics, 25-26 August 2011, M. G University, Kottayam
- P. Padma, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas , ‘Education for Sustainable Consumption : Need of the Hour, Three days National Seminar on Higher educational Challenge sand Prospects, 13,14,15 December 2011, Kannur University, Kerala.
- P. Padma, E.V Ramasamy, Muralivallabhan T V and A.P Thomas , ‘Consumption pattern of selected food and non food items in India: An assessment ’ Two day National Seminar on Sustainable Development: Recent Trends in meeting the Challenges, 20-21 January 2012, M. G University, School of Environmental Sciences, Kottayam
- P. Padma, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas , ‘Electrical energy consumption in India - Suggestion for sustainability’ Two day National seminar on Green Chemistry – The ultimate tool or pollution control, 14- 15 February 2012, Assumption college, Chanagacherry, Kerala
- P. Padma, Charusree C.S, Ambily V, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas , ‘Status of plantation crops in India and Kerala: Production and consumption’ Two day National Seminar on Sustainable Development: Recent Trends in meeting the Challenges, 20-21 January 2012, M. G University, School of Environmental Sciences, Kottayam
- P. Padma, Febby Payva, Raisa Kabeer, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas , ‘Food consumption pattern in India and Kerala – A comparative assessment’ Two day National Seminar on Sustainable Development: Recent Trends in meeting the Challenges, 20-21 January 2012, M. G University, School of Environmental Sciences, Kottayam
- P. Padma, Renuka R, Neethu Joy, E.V Ramasamy, Muralivallabhan T Vand A.P Thomas, ‘Electrical energy consumption in India and in Kerala - A sustainability assessment’ Two day National Seminar on Sustainable Development: Recent Trends in meeting the Challenges, 20-21 January 2012, M. G University, School of Environmental Sciences, Kottayam

**Conferences Attended**

- April 30 & May 1, 2011 - Coordinated the National Seminar on ‘*Kalari and Marma Vaidhya*’ as part of Science and Traditional Practices series (in collaboration with the Inter-University Centre for Social Science Research and Extension (IUCSSRE).
- 16 May 2011 - Coordinated the National Seminar on ‘*Vastu – the relevance on Shelters*’ conducted at the School of Environmental Sciences.
- National seminar on sustainable development: recent trends in meeting the challenges (NSSD-2012) conducted by school of Evironmental sciences, M G University.

Shanthi Prabha V

**Papers in Conference Proceedings**

- Sreekanth N.P, Babu Padmakumar, Shanthi Prabhav, A.P Thomas (2011) An investigation of soil carbon sequestration potential of different land uses from a climate change perspective, international conference on biodiversity and climate change, IIT Kharagpur.

- Sreekanth N.P, Babu Padmakumar, Shant
- Prabha V, A.P Thomas (2011) Role of multiple land use categories in soil carbon sequestration, Indian forestry congress, New Delhi.
- Shanthi PrabhaV , Sreekanth N.P, Babu Padmakumar, A.P Thomas (2011) The trilemma of soil carbon degradation, climate change and food insecurity, Disaster, risk and vulnerability conference, School of Environmental Sciences, Mahatma Gandhi university, Kottayam.
- Sreekanth N.P, Babu Padmakumar, Shanthi PrabhaV, A.P Thomas (2011) carbon sequestration potential of different land uses, international seminar on bio resources and human sustenance organised by department of zoology, Cotton College and zoological Society of Assam (ZSA) in Guwahati, Assam.

#### **Conferences Attended**

- April 30 & May 1, 2011 - The National Seminar on ‘*Kalari and Marma Vaidhya*’ as part of Science and Traditional Practices series (in collaboration with the Inter-University Centre for Social Science Research and Extension (IUCSSRE).
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- National seminar on sustainable development: recent trends in meeting the challenges (NSSD-2012) conducted by school of Environmental sciences, M G University.

#### **Sreekanth N.P**

##### **Papers in Conference Proceedings**

- Sreekanth N.P, Babu Padmakumar, Shanthi PrabhaV, A.P Thomas (2011) An investigation of soil carbon sequestration potential of different land uses from a climate change perspective, international conference on biodiversity and climate change, IIT Kharagpur.
- Sreekanth N.P, Babu Padmakumar, Shanthi Prabha V, A.P Thomas (2011) Role of multiple land use categories in soil carbon sequestration, Indian forestry congress, New Delhi.
- Shanthi PrabhaV , Sreekanth N.P, Babu Padmakumar, A.P Thomas (2011) The trilemma of soil carbon degradation, climate change and food insecurity, Disaster, risk and vulnerability conference, School of Environmental Sciences, Mahatma Gandhi university, Kottayam.
- Sreekanth N.P, Babu Padmakumar, Shanthi PrabhaV, A.P Thomas (2011) carbon sequestration potential of different land uses, international seminar on bio resources and human sustenance organised by department of zoology, Cotton College and zoological Society of Assam (ZSA) in Guwahati, Assam.

#### **Conferences Attended**

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- 16 May 2011 - The National Seminar on ‘*Vastu – the relevance on Shelters*’ conducted at the School of Environmental Sciences.
- National seminar on sustainable development: recent trends in meeting the challenges (NSSD-2012) conducted by school of Environmental sciences, M G University.

#### **Extension Programmes**

- 3-5 December 2011 – A survey of Birds in the Pachamalai Forests, Tiruchirapalli, Tamil Nadu, organised jointly with the Tamil Nadu Forest Department (Associated by Dr.G Christopher).
- 14-16 June 2011 – A three-day Field Study Programme for second semester MSc Environmental Science and Management and MSc Disaster Management Students at Periyar Tiger Reserve (Associated by Dr.G Christopher).
- 21 November 2011 – Visited Mankad Panchayat to assess the possibility of establishing a Community-level Sustainable Development Model Centre with university Authority. (Associated by Dr.G Christopher and Dr. A.P Thomas).

#### **Other highlights**

##### **International and national linkages**

The centre has established linkages with various international and national institutes for collaborative programmes in environmental technology and interdisciplinary studies.

#### Projects Proposed

- Biodiversity status and Agro-ecological assessment of the proposed Biodiversity Park at Nedumkandam and adjacent areas at landscape level. Proposal submitted to the Kerala State Biodiversity Board.
- Proposal for Setting up of an Environmental Resource Centre at Mangad Panchayat, Malapuram District as A Regional Centre of the Advanced Centre of Environment Studies and Sustainable Development (ACESSD), Mahatma Gandhi University, Kottayam.
- Development of self assembled multilayers and their application in the removal of low molecular organic compounds – CSIR, New Delhi
- Hybrid trimethyl chitosan membranes for upgrading of biogas and process design based on their performance - DST - RFBR together with Dr. C. T. Aravindakumar, School of Environmental sciences, and Prof. Vladimir Vasilievich, Russian Academy of Sciences, Moscow.
- Clean energy: an alternate route to DMFC through chitosan based nanomembranes—OSI proposal together with School of environmental sciences and Duke University, USA
- ‘A study on the impacts of agrochemicals including pesticides on soil environment, ecosystem services and public health in agro ecosystems of KDH village, Cardamom Hill Reserves and Plantations in Idukki district right from the Western Ghats to Coastal wetlands’. Proposal submitted to Directorate of Environment and Climate Change, Govt of Kerala

#### Watershed development programme

- A watershed development programme to improve the ground water recharge and to augment the campus water availability was initiated with the support of the Central Ground Water Board.

#### Academic programmes framed

- Framed course syllabus for M.S Environmental Science and Sustainable Development
- Framed course syllabus for Human Ecology & Natural History for MPhil Programme in the School of Social Sciences 2011.
- Developed Syllabus and course materials for MPhil Course in Sustainability Sciences

## INTER UNIVERSITY CENTRE FOR DISABILITY STUDIES

**1. Name of the school/Department:** InterUniversity Centre for Disability Studies  
(with e-mail and website): e-mail: [iucdsmgu@gmail.com](mailto:iucdsmgu@gmail.com)  
website: [www.iucdsmgu.co.cc](http://www.iucdsmgu.co.cc)

**2. Head of the School/Department:** Dr. M.S. Razeena Padmam

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	02	01	NIL	NIL	03
Co-ordinator	00	01	NIL	NIL	01
Non-Teaching	01	04	NIL	NIL	05

#### 4. Courses Offered with Number of Seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		PhD	Number of Seats	
	M	W		M	W		M	W		M	W
						2010-11	2	2			
						2011-12	1	3			

5. **Student Intake:** No data was provided

6. **Details of Tests Cleared by Students** : Nil

7. **Library**

(a) Total Number of Books : 236

(b) Total Number of Journals : 05

(c) Total Number of Periodicals : 07

(d) Number of titles added during the year:

8. **Grants received from**

(a) State Government : Yes

(b) Central Government

(c) University Grant Commission

(d) Others – Specify

9. **Projects Undertaken**

DREAMS- Disability Rehabilitation Early Assessment and management Services

10. **Seminars Conducted** : Nil

11. **Seminars Conducted by Faculty/(Short term Programmes) (Name wise- with Details)**

**State Level :**

1. Dr. M.S. Razeena Padmam: One Month training programme on Counselling.

2. Mamman Joseph C: One month training Programme on Behaviour Problem Management

3. Mamman Joseph C: 5 Days training programme on Behaviour problem Management

4. Hena N N : 5 Days training programme on Ageing and Disability Management

National Level

International Level

12. **Publications by the faculty with Impact Factor of the Publications** : Nil

13. **Research Highlights of Faculty / Scholars. (A Short Description)** : Nil

14. **Academic Achievements (A Short Description)** : Nil

15. **Student Achievements- Academic (A Short Description)** : Nil

16. **Students Activities/ Achievements—(Extracurricular)** : Nil

17. **Industry Varsity Linkage (If any Short Description)** : Nil

18. **Academic Tie-Ups (If any)**

Observation Visit by M.Phil Students to Various Institutions Caring Disabled M.Phil Students posting for one month on selected institutions.

19. **Students Progression** : Nil

(eg; Former student cleared civil service, joined MIT, Post Doctoral Fellowships)

20. **Campus Recruitment (if any)** : Nil

21. **Number of PhD's Awarded So Far** : Nil

22. **Research Scholars Registered in the School** : Nil

23. **Alumni Activities(with e-mail and website)** : Nil

24. **Any other Achievements**

An early identification and intervention unit "DREAMS" under this centre was

Inaugurated on 22<sup>nd</sup> Dec 2011 by Hon: Minister for Social Welfare Dr. M.K Muneer .

A public meeting in connection with the Inauguration was conducted at Assembly Hall , M.G. University Campus

Sunish T.V, Lecturer, IUCDS, M. G. University

**Paper publication:**

Title of the Paper : Effect of Drama on learning social skills among children with Mild Intellectual Disability.  
Name of the Journal : Journal on Disability Management and Special Education .  
Volume : I. Number : 2, July 2011  
Publishers : Rmakrishna Mission Vivekananda University , Faculty of Disability Management and Special Education , Coimbatore.

**Paper Presentation:**

Title of the Paper : Effect of Games on Developing ability to follow instruction among Primary level children with moderate Mental Retardation.  
Presented at : Faculty of Education, Banarus Hindu University, Varanasi.  
Date : 12<sup>th</sup> February 2012  
Theme of the National Seminar : Role of Music and Sports in Education and Mental Health of Children  
Dates of National Seminar : 11<sup>th</sup> & 12<sup>th</sup> February 2012  
Organized by : Faculty of Education, Banarus Hindu University, Varanasi.

**Mrs. HENA N.N, LECTURER. IUCDS M. G. UNIVERSITY**

**Selected Publications and seminar papers:**

25. A chapter on "*Communication and interpersonal relationship*" in the Book *Soft Skill Development* (2011) edited by Dr. B.N Ghosh, and published by Tata Mc Graw Hill, London
26. "*Psychological Impact of Neuropsychiatric Problems of the Elderly with Dementia on the Caregivers*" XIV<sup>th</sup> National conference of ARDSI at Indian Institute of Science, Bangalore on September 28<sup>th</sup>, 2007 (This Paper has been awarded the best research paper title)
  - (a) "*Subjective Well being and Rehabilitation Needs of Women Prisoners in Kerala*" V<sup>th</sup> International Conference of Somatic Inkblot Society (SIS), November 2004
  - (b) "*Subjective well being& Criminal background of Women prisoners*" on UGC supported National seminar on Ethics & Values, at Sree snkaracharya University of Sanskrit, Kalady on Jan 2008.

**SUMMARY OF ACHIEVEMENTS OF IUCDS FOR JANUARY 2011- MARCH2012**

29. "DREAMS:- An early Identification and Intervention unit "DREAMS" under this centre was Inaugurated on 22<sup>nd</sup> Dec 2011 by Hon: Minister for Social Welfare Dr. M.K Muneer . A public meeting in connection with the Inauguration was conducted at Assembly Hall , M.G. University Campus. It is functioning every day with an increasing in the number of clients.
30. **M.Phil in Disability Studies:-**Conducting 2 M.Phil batches. 2010-2011 Batch and 2011-2012Batch.
31. **Completed Short Term Programmes:**
  - 5 Days training programmes :1. Aging and Disability Management.  
2. Management of Behavioural Problems
  - One month training programmes :1. Counselling  
2. Management of Behavioural Problems
32. **Seminars :-** Conducted Seminars on White Cane Day, Disability Day and Anti-Smoking Day.
33. **Paper Presentations:-**

***1.Sunish T V-***

Title of the Paper : Effect of Games on Developing ability to follow instruction among Primary level children with moderate Mental Retardation.  
Presented at : Faculty of Education, Banarus Hindu University, Varanasi.



Date : 12<sup>th</sup> February 2012.

**34. Paper Publication:**

**1. Hena N N:**

A chapter on “Communication and interpersonal relationship” in the Book Soft Skill Development (2011) edited by Dr. B N Ghosh, and published by Tata Mc Graw Hill, London.

**2. Sunish T V:**

Title of the Paper : Effect of Drama on learning social skills among children with Mild Intellectual Disability.  
Journal : Journal on Disability Management and Special Education .  
Volume : I. Number : 2, July 2011  
Publishers : Ramakrishna Mission Vivekananda University , Faculty of Disability Management and Special Education , Coimbatore.

**35.**

Programme on Disability

**Awareness Programmes:** 1. Conducted Awareness Day  
2. IUCDS stall was functioning with International book fair conducted at M.G. University. It was focused to give awareness to students and public regarding various functions of IUCDS.

## Inter University Centre for Social Science Research and Extension

**1. Name of the School/ Department :** InterUniversity Centre for SocialScience Research (email & website) and Extension

[iucssre@gmail.com](mailto:iucssre@gmail.com) & [www.iucssre.res.in](http://www.iucssre.res.in)

**2. Head of the School/Department :** Dr. P. Sanal Mohan, Hon. Director

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Research and teaching</b>	1 (contract)	3 (contract)			4
<b>Non Teaching Computer Lab assistant &amp; Peon</b>	1 (contract)	1 (contract)			2

**4. Courses Offered with Number of seats** : Nil

**5. Student Intake** : Nil

**6. Details of Tests cleared by Students** : Nil

**7. Library**

(a) Total Number of Books : 500

(b) Total Number of Journals : Online journals

(c) Total Number of Periodicals : 2

(d) Number of titles added during the year : 500

**8. Grants Received From`**

(a) State Government

(b) Central Government

(c) University Grant Commission

(d) Others - Specify : 2 project grants from ICSSR9 (total 15 lakhs)

**9. Projects Undertaken**

- (a) Human Ecological Studies of Indigenous Communities in the Southern-western Ghats
- (b) Praxis Intervention Action Research with Dalit-Christians and other marginalized communities of Manjadikari, Kottayam District, Kerala
- (c) Writing Dalit Lives: Anthology of Women's Voice from Kerala
- (d) *Trans*-formation of Land and Landscapes – Locality Studies
- (e) Annotated bibliography on women and gender related studies

**10. Seminars Conducted**

- (a) State Level :
  - 1. Certificate Course in Gender and Development in association with Panchayat Association
  - 2. Two Week Academic Writing Workshop – Series I
  - 3. Two Week Academic Writing Workshop – Series II
  - 4. Orientation workshop on Gender and Development
- (b) National Level :
  - 1. 6 day Feminist Research Methodology workshop
  - 2. National Seminar on New History in association with ICHR
- (c) International Level

**11. Seminars Conducted by Faculty (Name wise –with details)**

- (a) State Level
- (b) National Level:
  - Radhika P.
  - 1. Conducted a Theme Discussion on Queer Theories by Prof. Caroline Osella, SOAS.
  - 2. Mini Sukumar
    - Coordinated six day National workshop on Feminist Research Methodology
- (c) International Level:
  - Dr. P. Sanal Mohan
    - 1 Visiting Faculty Associate, University of Pennsylvania, October-November 2011
    - 2 Translation Seminar 2011 January Delhi University
    - 3 International Seminar 'Postcolonial Translation: Multi-disciplinary Perspectives from South Asia Jan 7-9, 2011, India International Centre
    - 4 Lecture at CSDS Delhi, Caste Identities in Contemporary Kerala, 12 April 2011
    - 5 Globalization and Cultural Preservation, Vernacular globalizations 3-8 September, 2011 Goldsmiths College, London
    - 6. Paper presentation on 11/04/2011 “Modernity of Slavery: Struggles Against Caste Inequality in Twentieth Century India”

**12. Publications by the Faculty with Impact factor of the Publications : Nil**

**13. Research Highlights of Faculty/Scholars (A Short Description) : Nil**

**14. Academic Achievements (A Short Description)**

- 1. The Centre has conducted a three **Public Lecture Series** by national and International scholars like G. Arunima, JNU, Delhi; Sujith Kumar Parayil, EFLU, Hyderabad; Kavita Philip, UCLA Irvine, California.
- a. The Reading Group meets every Thursday and comprises of M Phil and PhD scholars.

**15. Student Achievements - Academic (A Short Description) : Nil**

**16. Students Activities/ Achievements – (Extra Curricular) : Nil**

- (a) National Service Scheme
- (b) Arts Festivals
- (c) Sports
- (d) Games

**17. Industry Varsity Linkage (If any, Short Discription) : Nil**

**18. Academic Tie-Ups (if any )**

1. Discussions on collaborations with **Prof. Caroline Osella, SOAS, University of London**
2. Discussions for starting an Inter University Writing Centre with Calicut University and Kannur University

**19. Student Progression:** Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

- |  |       |
|--|-------|
| <b>20. Campus Recruitment ( if any )</b>               | : Nil |
| <b>21. Number of PhD's awarded so far</b>              | : Nil |
| <b>22. Research Scholars Registered in the School</b>  | : Nil |
| <b>23. Alumni Activities (With e-mail and website)</b> | : Nil |
| <b>24. Any Other Achievements</b>                      | : Nil |

## **Inter University Instrumentation Centre (IUIIC): Report 2011-12**

University has instituted a new Inter University Instrumentation centre (IUIIC) in 2011 for providing advanced level sophisticated equipment support to carry out highly advanced level research in all fields of science namely chemistry, physics, biology and environmental science. This is expected to change the entire scientific research scenario of the state which demands high investments in the form of sophisticated analytical equipments. Researcher from anywhere in the state can initiate interdisciplinary research area in this centre. It is conceived as a consortium for sharing both expertise and sophisticated analytical equipments. The new centre is instituted with an initial support of Rs. 1.75 crores from the state government, Rs. 26 lakhs from the UGC and an anticipated support of Rs. 7 Crore from the Department of Science and Technology (DST), New Delhi under its PURSE programme 2011. An initial share of Rs. 2.5 crores is already received by MG University from DST.

### **Background and Aim**

Scientific research demands advanced and sophisticated instrumental support in order to work out high quality and meaningful work. A major problem associated with advanced research in the field of science, particularly in the state of Kerala, is the lack of sophisticated equipments. This upset the various research activities of most of the science departments in all the universities in Kerala. The advanced equipments available at the national research centres are often not available to researchers from universities. Improvement of the quality of scientific research in our state can be achieved only by providing such equipments in various research centres. On the other hand, most of these equipments are very costly and hence the state universities cannot afford to procure such high cost equipments. Therefore, it will be ideal to share equipments for similar research by researchers working at different places. In this context, teachers and research scholars working in various universities and affiliated colleges may be provided with common centres having both basic and advanced scientific equipments so as to utilize the facilities to their full potential. It is therefore, proposed to set-up a common centre for advance instrumentation at the Mahatma Gandhi University where researchers can initiate high quality research which require advanced instrument facilities in the field of chemistry, physics and biology for high quality research work.

### **Objectives**

The *Inter University Instrumentation Centre* is proposed to act as a centre which promotes high quality research by providing state-of-the-art equipment facilities in the University's schools/Centres and affiliated colleges in our state. This will pave way for improving the quality of research in our state universities. Specific objectives are,

- To provide intellectual input for research activities in both universities and affiliating centres on interdisciplinary areas of scientific research which require highly sophisticated scientific equipments.
- To identify priority research areas in emerging fields and to motivate researchers for taking up research problems on a collaborative basis depending on the availability of various sophisticated equipments.
- To promote technology development utilizing the advanced instrumentation facility.
- To organize a pool of experts from various scientific disciplines and make them available for research interactions.
- To provide both basic and modern scientific equipments for researchers from all the universities of Kerala.
- To act as a common platform for organizing short-term courses and workshops on sophisticated instrumentation.
- To provide specialized training for scientific and technical personnel for up-keeping, maintenance and essential servicing of instruments in undergraduate and post graduate laboratories.
- To evolve as a place for carrying out advanced level scientific research which require highly specialized equipments.

### **Identified Areas of Advanced Research in the Initial Stage 2011-12**

1. *Mass Spectrometry*: It is proposed to set up an exclusive laboratory for mass spectrometry so that research in areas like phytochemistry, environmental pollution, organic synthesis and biomolecular chemistry can be promoted. Liquid Chromatography-Mass Spectrometry (LC-MS) and LC-MS/MS will be soon procured for this purpose
2. *Material Science*: Variety of opportunities in the field of material science are being opened up with the procurement of UV-VIS spectrophotometer, ATR-FT-IR, spectrofluorimeter, High Resolution Transmission Electron Microscope (HRTEM), Atomic Force Microscope (AFM), power XRD and single crystal XRD. Nanoscience and nanotechnology research can be vigorously pursued with these set ups.
3. *Water Purification Technology*: Highly sophisticated equipments such as High Pressure Liquid Chromatography (HPLC), LC-MS and LC-MS/MS, low pressure ultrafiltration technique etc., are being procured now. Various technologies based on Advanced Oxidation Processes and nanostructured multilayer membranes can be developed for water purification. In addition, pesticide pollution studies in water can also be carried out in the centre.

Collaborative research opportunities are already available in these areas. More areas of research which require sophisticated equipments will be available in the coming years.

The University has constituted an Executive Committee comprises of Vice Chancellor, Prof. Rajan Gurukkal, as Chairman, a Member Syndicate, Prof. Sabu Thomas, Prof. Girishkumar from the Cochin University of Science and Technology as external expert, Prof. C.T. Aravindakumar as the Honorary Director, Dr. Prakashkumar as the Joint Director, a group of senior professors from the University, Registrar and Finance Officer. The Executive Committee will look after the functioning of the Centre. The Centre is initially housed at the School of Environmental Sciences and it will be shifted to the new Academia Convergence Centre which is under construction. A collection of highly sophisticated scientific equipments have been ordered and those will be installed in the centre very soon.

A panel of internationally well known scientists from India and abroad will be inducted in the Advisory Committee of the Centre. The centre also will promote Industry-Academic linkage by taking up research programmes having industrial applications.

**INTER UNIVERSITY CENTRE FOR BIOMEDICAL RESEARCH & SUPER  
SPECIALITY HOSPITAL, THALAPPADY, PUTHUPPALLY**  
**Activity Report 2010-12**

**Introduction**

Mahatma Gandhi University has decided to start an Inter University Centre for Bio Medical Research and Super Specialty Hospital at Thalappady near Puthuppally. The centre is proposed to be consisting of two phases. **Inter University Centre for Bio Medical Research** is envisaged as the first phase of the project and **Super Specialty Hospital** as the second phase. The construction of a three storied building has already started and the first two floors are expected to be complete by first quarter of 2012. The research center and the outpatient wing of the hospital is planned to be made functional immediately after the completion of the two floors. The construction is expected to be complete by August 2012 and the Super Specialty Hospital with nine specialty units is proposed to be open by that time.

The entire project is expected to cost around 25 Crores. The University in its budget for the year 2011- 12 has earmarked Rs. 10 crores for the Super Specialty Hospital and Research Center at Thalappady. The State Government has taken steps to sanction Rs.5 Crore as one time Additional Central Assistance (ACA) for the starting of Superspeciality hospital. The Government of Kerala in its budget for the year 2011-12 has allotted Rs. 1 crore for the project. For the successful completion of the project another 14 crores have to be mobilized by means of grant or loan from various agencies. As the project is intended to study the causes and find remedies for various communicable diseases that occur in Kerala from time to time, this project is expected to be a major initiative in the field of Medical Science and research that has been unfortunately lacking in Kerala.

The world is now witnessing a rapid change in the way biomedical research is conducted. The developing countries are in the grip of formidable challenges posed by the existing communicable diseases coupled with new emerging infections. On the positive side, rapid advances in science and technology have brought in new technologies to understand the disease process and find strategies for prevention and cure. There are areas at the cutting edge of science such as molecular medicine, genomics, immunology, which have revolutionized knowledge for finding rapid diagnostics, vaccines, new drug targets and other therapeutic measures. There is an urgent need that researchers working in the core health sectors like diagnostics, epidemiology, surveillance and cure are exposed to the latest advancements in knowledge and interact with International scientists in their respective field of work.

The area coming under the jurisdiction of Mahatma Gandhi University, especially Kottayam District in which the headquarters of the university is situated has been affected by various epidemics in the recent past. Diseases like Dengue, leptospirosis, Japanese encephalitis, and hepatitis and chikun gunya have attacked vast sections of the population. The existing medical facilities in the district were found to be insufficient to meet the alarming situation that arose out of the outbreak of these epidemics. So the establishment of new medical institutions with most modern clinical and diagnostic facilities has become an urgent necessity.

Mahatma Gandhi University runs various institutes for paramedical courses under the aegis of School of Medical Education and hospital facilities are needed for conducting clinical practice for the students of these courses. The University had proposed to start a Super Specialty Hospital and Research Centre to provide clinical practice to Nursing students of School of Medical Education.

**Timeline of activities**

Let us check the visionary decisions and timeline of developments which have become milestones in the setting up of the facility:

- i) Government of Kerala in December 2005 had requested the University to take immediate steps to start with actions for the development of a Super Specialty Hospital at Thalappady near Puthuppally in Kottayam District under the Mahatma Gandhi University.
- ii) The Planning Commission of India had approved the above scheme as a priority one from among the schemes submitted by the Government of Kerala and had sanctioned a one time Additional Central Assistance of Rs. Five Crores.
- iii) The scheme of starting the super specialty hospital has been identified as a priority scheme of special importance to the state Government intended to provide additional facilities for

paramedical training, clinical facilities etc. to the students of the University and also as a part of the realization program of H E the President Sri APJ Abdul Kalam's vision for Kerala.

- iv) A sum of Rs. Five Crores was sanctioned and released to the University by the Government of India during 2005-06.
- v) Administrative sanction was given for the project by the Government of Kerala on 20.03.2006.
- vi) The Syndicate of the university in its meeting held on 25.03.06 had resolved to undertake all liabilities for starting the project by mobilizing funds in addition to Rs. Five Crores already sanctioned by the government. The Syndicate in its meeting 18.11.2008 resolved to initiate steps to start the Paramedical Training and Research Centre at Puthuppally.
- vii) After detailed deliberations with eminent academicians in Medical Research and Science, like Dr. M S Valiathan, the University decided to establish a Bio Medical Research Centre as the first phase of the Super Specialty Hospital on 25.03.2010.
- viii) After finalizing the project, the then Minister of Education, Shri.M.A.Baby laid the foundation stone of the Bio Medical Research Centre on 03.04.2010.
- ix) The Syndicate had resolved to entrust the construction of the Centre with the Civil Wing of the BSNL. An MOU was entered with BSNL for the construction of the building for an estimate of Rs. 7, 20, 88,896/- (Rupees Seven Crores Twenty Lakhs Eighty Eight Thousand Eight Hundred and Ninety Six only).
- x) The construction work of the Centre is in progress and is expected to be complete during this year(2012). The center is in the process of establishing Serology, Pharmacology, Microbiology, Biotechnology and Bio Informatics divisions. Bio Medical Research Center cannot function without clinical material for which the facility of a hospital is extremely essential. So the establishment of a Super Specialty Hospital is proposed as the second phase of the project.

#### **Recent Administrative Activities**

- i) The Government of Kerala in its budget for the year 2011-12 (Item No. 92,Page 30, Budget Speech) has allotted **Rs. 1 crore** for Super Specialty Hospital in the second phase of the Bio Medical Research Centre Institute.
- ii) During 2010 and 2011, University submitted detailed plan proposals to funding agencies like **NABARD, Union government as well as State government** for obtaining grants for the setting up of Centre.
- iii) A **Governing body as well as Advisory committee** for the Centre was constituted to address various administrative and executive issues connected with the undertaking of the project. The advisory committee met on Oct19,2010 and March 17,2011 for reviewing the undertaking of project and for suggestions on setting up the facilities.
- iv) A high-level committee for framing the **regulations of the institution** was formulated under Pro-Vice-Chancellor and various prestigious institutions in connected fields inside and outside the state were contacted for drafting the regulations. Also, many officers have visited several institutions in state and abroad towards study of the framed regulations there.
- v) As per letter dated 04.08.2011, University submitted a **proposal for Rs.201, 00,000** (Rupees Two Crores and One Lakh) immediately required to purchase furniture and make arrangements for water supply and waste disposal.

#### **Academic Activities**

- i) The **initial proposal** of setting up of Biomedical Research Centre was drafted after detailed deliberations with eminent academicians and researchers in Medical Science like Dr.M.S.Valyathan.

- ii) The Academic community in the University has been active behind the scenes in each decisions being taken towards realizing the goal. Dr. C. Sudarsana Kumar, Professor, School of Applied Physics and Dr. Jayachandran. K. School of Biosciences were appointed as **Hon. Director and Joint Director** initially in 24.06.2010.
- iii) The **Governing body and advisory committee** is constituted including eminent academicians, researchers, professionals in the relevant fields
- iv) A **Seminar on “Frontiers in Biomedical Research”** was arranged at Auditorium, School of Chemical Sciences on 18.08.2010 and Dr. M. S. Valyathan delivered the keynote address. It was attended by lots of attendees from Student, Researcher, and teaching communities. Interactive sessions also followed the lectures by eminent personalities.
- v) University decided to seek the expertise of **Dr. B. Anukumar, virology expert and officer-in-charge of Kerala Chapter, National Institute of Virology (NIV)** at Alappuzha towards setting up of Virology lab at the Ground floor of the Biomedical Research facility.
- vi) **Two meetings** were held at Thalappady recently, one to inspect the progress of construction work (on 09.02.2012) and the second to discuss suggestions of Dr. Anukumar. B of NIV, Kerala division along with Dr. P. G. R. Pillai, Special officer on the setting up of Virology lab at the Ground floor of the Institution (on 23.02.2012).
- vii) As per first meeting, decision was taken to recommend convening a meeting of officials concerned on a date convenient to Hon. Chief Minister and Hon. VC to **finalize the inauguration of Inter University Centre for Bio Medical Research and Super Specialty Hospital**. As per deliberations of second meeting, the plan was redrawn by BSNL officials and submitted which in turn were given to obtain approval of Dr. B. Anukumar and Dr. P. G. R. Pillai.

## INTER SCHOOL CENTRES

### Institute for Intensive Research in Basic Sciences (IIRBS)

A knowledge centre comprising of Sophisticated Instrumentation Facility, instructor-led class room teaching and technology-enhanced learning techniques, first of this kind among the universities in Kerala, has been instituted in the campus of Mahatma Gandhi University. The Institute provides intellectual, instrumental as well as experimental support for pursuing excellence in all branches of sciences and is expected to contribute to the talent pool of researchers and specialized technicians. Functioning independently under the direction of the Vice Chancellor, the institute envisages high priority research and dynamic academic programmes in the interdisciplinary areas and operates through a single window system to expedite targets on time. Using the available man power and infrastructure it was decided to offer an innovative Integrated Interdisciplinary Master in Science program (MS Programme) by the Institute for the first time in the state of Kerala. The programme is revolutionary insofar as it seeks to create scientists who also have a deep appreciation of humanities and envisages creating a talent pool of highly competent and motivated scientists who will expand the frontiers of science by engaging in cutting edge scientific research across the physical, the chemical and the biological sciences.

The institute offers opportunities for employment through education as well as visits to reputed institutions within India and abroad. In addition to class room learning and experimental work, students will carry out original research. There are lectures by eminent visiting faculty, and extensive usage of technology-enhanced learning techniques. It is also proposed to launch an innovative integrated PhD program in basic science.

New knowledge and new initiatives can only originate at the boundaries of disciplines. The governing council including persons of national stature to prevent the centre from falling prey to parochial sentiments.

- Integrated M.S Programme started on 29.10.2009
- Stipend for students
- Commissioned NMR instrument under IRFA scheme (DST order No.IR/S1/CU-01/2007)
- NMR installed on 06.03.2010
- NMR services opened for universities, colleges and other research organization  
(Vide U.O. No.6389/602/2/2007/P&DII/Part File Dated 17.12.2010)

**List of Students Admitted for the Interdisciplinary Integrated M.S.Programme 2011**

ID No	Name
ID MS 11/01	Abhijith A
ID MS 11/02	Anjaly Thambi
ID MS 11/03	Ashtami Jayakumar
ID MS 11/04	Felix Francis
ID MS 11/05	Harikrishnan N. Nambiar
ID MS 11/06	Mohammed Ajmal P.Y.
ID MS 11/07	Moolya Mohan
ID MS 11/08	Ravisankar Varma
ID MS 11/09	Sukanya Narayanan
ID MS 11/10	Tharique Ahammed Ansari N.

**M.S Students – Achievements /Off Campus training**

Co-authored a Research article published in *Journal of Physical Chemistry A*

“A Single Chiroptical Spectroscopic Method may not be able to Establish the Absolute Configurations of Diastereomers: Dimethylesters of Hibiscus and Garcinia Acids”, *J. Phys. Chem. A*, 2011, 115 (22), pp 5665–5673  
Dellamol Sebastian

**INSPIRE scholarship (DST)**

Ashna Shaji

**NIUS Biology camp, (HBCSE, TIFR), Bombay (Oct.31-Nov.4,2011)**

Mohammed Ajmal  
P.Y Moolya Mohan

**NIUS Chemistry camp, (HBCSE, TIFR), Bombay (Dec.21-31,2011)**

Ashtami Jayakumar  
Tharique Ahammed Ansari N.

**Poster Presented in MedChem Conference 2011, IIT Madras (Oct.28-29,2011)**

Arshad Sayed M.  
V Sudheesh T. S.  
Surya K.

**IITA 4<sup>th</sup> Science Conclave, Allahabad (Nov.25 - Dec.2,2011)**

Prasnth C.P (Research Staff) Anumol S  
Arshad Sayed M.V  
Ashna Shaji  
Dellamol Sebastian  
Hemanth A.  
Manish Kumar S  
Sachin Raj K.C  
Sudheesh T. S  
Somy R. Soman  
Surya K.

**NIUS chemistry camp, (HBCSE, TIFR), Bombay (Jun.17-Jul.16,2011)**

Ashna Shaji  
Manish Kumar S.



## Current Publications (2011)

Polavarappu, Prasad; Donahue, Emily; Shanmugam, Ganesh; Scalmani, Giovanni; Hawkins, Edward; Rizzo, Carnelo; **Ibnusaud, Ibrahim**; Thomas, Grace; Habel, Deenamma; Sebastian, Dellamol; A single chiroptical spectroscopic method may not be able to establish the absolute configuration of diastereomers: Dimethyl esters of Hibiscus and Garcinia Acids. *J.Phys.Chem.A (ACS)*, May 13, 2011, DOI: 10.1021/jp202501y.

Prasad L. Polavarapu, Giovanni Scalmani, Edward K. Hawkins, Carnelo Rizzo, Neha Jeirath, **Ibrahim Ibnusaud**, Deenamma Habel, Divya Sadasivan Nair and Simimole Haleema; Importance of solvation in understanding the chiroptical spectra of natural products in solution phase: Garcinia acid dimethyl ester, *Journal of Natural Products (ACS)*, 2011, 74, 321-328.

## Paper Presentation / Lecture given in National / International conferences

A novel class of chiral phosphine ligand based on (2S,3S)-Tetrahydro-3-hydroxy-5-oxo-2,3-furan dicarboxylic acid (**ISCD - 2011**) **University of Liverpool, UK**, July 10 – 13, 2011.

Ex-Chiral pool synthesis towards butyrolactone based molecules of agro-pharmaceuticals and functional interests: A green approach, Sasi P.V, Simimole H and I.Ibnusaud, 11<sup>th</sup> National Convention of Chemistry Teachers (NCCT-2011) & National Seminar on Emerging Trends in Green Chemistry, Dept. of Chemistry, A.N College, Patna, India, Oct.15-17, 2011

Inaugural Lecture on Asymmetric Synthesis, Navathy Celebration and International Year of Chemistry 2011, S.B College, Changanacherry, Kottayam, Kerala, Oct.14, 2011.

## Seminar/Workshops/Erudite Programmes organised

1	English Language Skill Workshop December 22 <sup>nd</sup> – 23 <sup>rd</sup> , 2011.	District Centre for English (DCE - Neyyattinkara)
2	Genetic structure of Jewish Indian diaspora October 28 <sup>th</sup> – 29 <sup>th</sup> , 2011.	Dr. Mini Kariappa
3	Workshop on Organometallic Chemistry. August 23 <sup>rd</sup> - 26 <sup>th</sup> , 2011.	Prof. Anil J. Elias (IIT Delhi)
4	Workshop on Basic Principles and Applications of Computational Chemistry. May 23 <sup>rd</sup> - 27 <sup>th</sup> , 2011.	Prof. R.B. Sunoj (IIT Mumbai) Prof. A. Anoop (IIT Kharagpur) Prof. Ayan Dutta (IISER Trivandrum)

## Staff Structure

### Director

I. Ibnusaud M.Sc. Ph.D

### Research Officer

Shine Joseph M.Sc. Ph.D

### Research Assistants

Nisha Jacob (Physics)

Athira R. (Biotechnology)

Greeshmamol P.Kurian (Computer Science)

Prasanth C.P (Instrumentation Trainee)

Simimol H. (Chemistry)

Abdul Shahab (Station Technician)

### Office Assistants

Syam S

Sunu. T.T

### **Adjunct and Visiting Guest Faculties**

- 1. Dr. Cyriac Thomas** (Social Science - MA. Ph.D) Former Vice-Chancellor  
Mahatma Gandhi University,  
Kottayam, Kerala.
- 2. Dr. I. N. N. Namboothiri** (Chemistry - MSc. Ph.D, IIT  
Mumbai) Department of Chemistry,  
Indian Institute of  
Technology, Bombay.
- 3. Dr. T.N. Suresh Kumar** (Chemistry - MSc., Ph.D, IIT  
Madras) Binani Zinc Ltd.  
Alwaye.
- 4. Dr. V R Parameswaran** (Chemistry - Ph.D- IIT  
Madras) Department of Chemistry  
Annamalai University  
Annamalainagar, Chidambaram, Tamilnadu, India - 608002,
- 5. Dr. Manoj Ramavarma** (Physics - MSc. PhD, IIT,  
Madras) Scientist EII, Ceramics,  
National Institute for Interdisciplinary Science and Technology,  
Papanamcode, Trivandrum , Kerala.
- 6. Dr. T.R. Sivakumar** (Mathematics - Ph.D, IIT,  
Madras) Department of Mathematics  
St.Johns College,  
Anchal, Kerala.691306
- 7. Dr. Ramesh** (Chemistry - Ph.D- IIT  
Madras) School of Chemical Science,  
Mahatma Gandhi University,  
Kottayam, Kerala.
- 8. Dr. Swaminathan** (Chemistry - Ph.D- IIT  
Kanpur) Department of Chemistry  
Annamalai University  
Annamalainagar, Chidambaram, Tamilnadu, India – 608002.
- 9. Dr. Madhavan Pillai** (Chemistry - MSc. Ph.D, Wayne State University,  
Detroit) Visiting Professor  
School of Chemical Sciences,  
Mahatma Gandhi University, Kottayam, Kerala.
- 10. Dr. Varghese C Abraham** (English - M.A., MPhil,  
Ph.D) Department of English  
Maharajas College,  
Ernakulum, Kerala.
- 11. Ms. O.V Usha** (English)  
Associate Editor

Santhigiri Research Foundation  
Santhigiri, Pothencode,  
Trivandrum.

- 12. Dr. Mankulam Krishnan Nampoothiry** (Biology - MSc. Ph.D) Rtd Principal,  
SD College, Alappuzha.
- 13. Dr. T. Emilia Abraham** (Biology - MSc. Ph.D)  
Rtd. Senior scientist - G  
Chemical Sciences and Technology Division ,  
National Institute for Interdisciplinary Science and Technology  
, Trivandrum, Kerala.
- 14. Dr. Linu Mathew** (Biotechnology – MSc. Ph.D) Assistant Professor in Biotechnology  
School of Biosciences  
Mahatma Gandhi University  
PD Hills (PO), Kottayam.
- 15. Dr. K. Indulekha** (Physics - MSc. Ph.D I.I.Sc.,  
Bengaluru) Associate Professor,  
School of Pure and Applied  
Physics, Mahatma Gandhi  
University, Kottayam, Kerala.
- 16. Dr. C.S. Menon**(Physics - MSc.Ph.D  
IIT,Madras) Former HOD School of Pure and  
Applied Physics, Mahatma Gandhi University,  
Kottayam, Kerala.
- 17. Dr. N. Gopakumar** (Physics - MSc.Ph.D)  
Selection Grade Lecturer  
Department of Physics  
V. T. M. N. S. S. College  
Dhanuvachapuram  
Trivandrum
- 18. Dr. P.S.Anjana** (Physics - MSc.Ph.D)  
Dept. of Physics  
All Saints College,  
Trivandrum, Kerala.
- 19. Mr. Praveen Raj**  
Scientist, IP Management,  
NIIST, Papanamcode  
Trivandrum.
- 20. Dr. A. Sabu** (Biology)  
Scientific Officer,  
Kerala Biotechnology  
Commission, Trivandrum
- 21. Mr. Ramdas Menon** (Chemical Eng. M-  
Tech) Ekaagra Solutions,

- K. K. Nagar, Chennai.
22. **Dr. Tom Thomas** (Chemistry - MSc. Ph.D) Anthem Bioscience Ltd, Bangalore.
  23. **Dr. Justy Thomas** (Chemistry - MSc. Ph.D) Dept. of Chemistry, K.E College, Mannanam Kottayam, Kerala.
  24. **Dr. Anabha E.R** (Chemistry - MSc. Ph.D) School of Chemical Science, Mahatma Gandhi University, Kottayam, Kerala.
  25. **Dr. Hisham Abdulhadar** (Chemistry - MSc. Ph.D) Professor Sulthan Qaboos University, Oman
  26. **Dr. M. George** (Chemistry - MSc.Ph.D) Associate professor Dept. of Chemistry, S.H College, Thevara
  27. **Dr. Rajeev k Sukumaran** (Biology- MSc.Ph.D) Scientist, NIIST, Pappanamcode, Trivandrum
  28. **Dr. S. Prathapan** (Chemistry - MSc.Ph.D) Dept. of Chemistry, Cochin University, Kerala
  29. **Dr. JayaChandran** (Biology - MSc.Ph.D) School of Bio Science, Mahatma Gandhi University, Kottayam, Kerala
  30. **Dr. Mangala Sunder Krishnan** (Chemistry - MSc.Ph.D) Dept. of Chemistry, IIT Madras
  31. **Dr.T.N Vasudevan (physics)**  
Padijare Thiyyadi madhyamavathi  
Mulakunnathukara p.o  
Thrissur – 680581
  32. **Dr.U.C. Jaleel (Bio informatics)**  
Professor  
Malabar Christian College, Calicut
  33. **Dr. G Krishnan (chemistry)**  
Rtd. Professor  
TC 43/1535 (2)  
Vallakadavu P.O  
Trivandrum 695008

**6. Dr. A Salahuddin kunju (chemistry)**

Rtd.Principal  
Univesrity College,  
Vazhutamadu, Trivandrum 695014

**7. Dr.S Krishnakumar**

**(English)** Rtd.Principal,  
S.D College  
Alapuzha

**36. Dr.J.G.Ray (Biology - MSc.Ph.D)**

Professor  
School of Bio Sciences  
Mahatma Gandhi  
University Kottayam

**Achievements of IIRBS during the Period January 2011 – March 2012**

**I. Publications by students**

- Co-authored a Research article published in *Journal of Physical Chemistry A* “A Single Chiroptical Spectroscopic Method may not be able to Establish the Absolute Configurations of Diastereomers: Dimethylesters of Hibiscus and Garcinia Acids”, *J. Phys. Chem. A*, 2011, 115 (22), pp 5665–5673 - **Dellamol Sebastian**

**II. Paper presentations by students in national and international conferences**

- A novel class of chiral phosphine ligand based on(2S,3S) – Tetrahydro-3-hydroxy-5-oxo-2,3,furan dicarboxylic acid, I.Ibnusaud, **S. Anumol and Ashna Shaji**, (ISCD – 2011) University of Liverpool, Liverpool, UK, 10<sup>th</sup> July to 13<sup>th</sup> July 2011.
- A modified Antibiotic Based on (2S,3S) –Tetrahydro-3- Hydroxy-5-Oxo-2,3-Furandicarboxylic Acid and 6-Aminopenicillanic Acid, **Surya.K** and I.Ibnusaud, Medicinal Chemistry Conference on Anti-Infective Drug Discovery and Development, Dept. of Chemistry, IIT, Madras, Oct.28-29, 2011.
- Semisynthetic route towards therapeutically active  $\alpha$ -methylene-  $\gamma$ -butyrolactones, **Sudheesh T.S** and I.Ibnusaud, Medicinal Chemistry Conference on Anti-Infective Drug Discovery and Development, Dept. of Chemistry, IIT, Madras, Oct.28-29, 2011.
- Ex-Chiral pool synthesis of Chiral 4-(2-Hydroxyethyl) pyrrolidine-3-ol: a potent anti-tuberculosis agent; **Arshad Sayed M.V**, Grace Thomas and I.Ibnusaud, Medicinal Chemistry Conference on Anti-Infective Drug Discovery and Development, Dept. of Chemistry, IIT, Madras, Oct.28-29, 2011
- 14<sup>th</sup> National Symposium in Chemistry (CRSI), February 3-5, 2012 NIIST, Trivandrum – **Ashna Shaji** (participated)

**III. Student Scholarships/Fellowships**

**1. MS students selected for INSPIRE scholarship (DST)**

Ashna Shaji  
Moolya Mohan

**2. MS Students selected for NIUS Biology camp, (HBCSE, TIFR), Bombay (Oct.31- Nov.4,2011)**

Mohammed Ajmal  
P.Y Moolya Mohan

3. MS studentes selected for **NIUS Chemistry camp, (HBCSE, TIFR), Bombay (Dec.21-31,2011)**  
Ashtami Jayakumar  
Tharique Ahammed Ansari  
N. Ashna Shaji  
Manish Kumar S
4. MS Students participated in **4<sup>th</sup> Science Conclave, IIT, Allahabad (Nov.25 - Dec.2, 2011)**  
Prasnth C.P (Research Staff) Anumol S  
Arshad Sayed M.V  
Ashna Shaji  
Dellamol Sebastian  
Hemanth A.  
Manish Kumar S  
Sachin Raj K.C  
Sudheesh T. S  
Somy R. Soman  
Surya K.
5. MS Students selected for **IAS (Indian Academy of sciences, Bangalore) Fellowship, 2011 - 2012**  
Dellamol Sebastian  
Manish Kumar  
Arshad Sayed M.V
6. MS students participated in **FCBS, Trivandrum, Nov. 8-10, 2011**  
Dellamol Sebastian  
Somy R. Soman

#### IV Publications by Faculty/Staff

- i) Polavarappu, Prasad; Donahue, Emily; Shanmugam, Ganesh; Scalmani, Giovanni; Hawkins, Edward; Rizzo, Carnelo; **Ibnusaud, Ibrahim**; Thomas, Grace; Habel, Deenamma; Sebastian, Dellamol; A single chiroptical spectroscopic method may not be able to establish the absolute configuration of diastereomers: Dimethyl esters of Hibiscus and Garcinia Acids. *J.Phys.Chem.A (ACS)*, May 13, 2011, DOI: 10.1021 / jp 202501y.
- ii) Prasad L. Polavarapu , Giovanni Scalmani , Edward K. Hawkins, Carnelo Rizzo, Neha Jeirath, **Ibrahim Ibnusaud**, Deenamma Habel, Divya Sadasivan Nair and Simimole Haleema; Importance of solvation in understanding the chiroptical spectra of natural products in solution phase: Garcinia acid dimethyl ester, **Journal of Natural Products (ACS)**, 2011, 74,321-328.
- iii) Simimole Haleema, Paleapadam Vavan Sasi, **Ibrahim Ibnusaud**, Prasad L. Polavarapu and Henri B. Kagan; Enantiomerically pure compounds related to chiral hydroxy acids derived from renewable resources – Manuscript submitted to Green Chemistry (17.02.2012).

#### V. Paper Presentations / Lectures /participation in National and International Conferences by IIRBS Faculty/Staff

1. Renewable resources for the synthesis of Enantiomerically pure molecules related to chiral 2-hydroxy citric acids; I.Ibnusaud, National Conference on Green and Sustainable Chemistry, Dept. Chemistry, Tumkur University, Bangalore, 25<sup>th</sup> February 2012 – **Received Best Presentation Award**
2. Symposium on New Developments in NMR & Conference of National Magnetic Resonance Society, IISc. Bangalore, February 5 - 8, 2011, participated by Prasant C.P.
3. “Enantiomerically pure molecules of biological and functional interest related to 2-hydroxycitric acids 14<sup>th</sup>”, Deenamma Habel, Divya S. Nair, Sasi P.V, I.Ibnusaud, CRSI National Symposium in Chemistry (NSC-14), February 3 – 5, 2012
4. Ex-Chiral pool synthesis of Chiral 4-(2-Hydroxyethyl) pyrrolidine-3-ol: a potent anti-tuberculosis agent; Arshad Sayed M.V, Grace Thomas and I.Ibnusaud, Medicinal Chemistry Conference on Anti-Infective Drug Discovery and Development, Dept. of Chemistry, IIT, Madras, Oct.28-29, 2011
5. Semisynthetic route towards therapeutically active  $\alpha$ -methylene-  $\gamma$ -butyrolactones, Sudheesh T.S and I.Ibnusaud, Medicinal Chemistry Conference on Anti-Infective Drug Discovery and Development, Dept. of Chemistry, IIT, Madras, Oct.28-29, 2011.
6. A modified Antibiotic Based on (2S,3S) –Tetrahydro-3- Hydroxy-5-Oxo-2,3-Furandicarboxylic Acid and 6-Aminopenicillanic Acid, Surya.K and I.Ibnusaud, Medicinal Chemistry Conference on Anti-Infective Drug Discovery and Development, Dept. of Chemistry, IIT, Madras, Oct.28-29, 2011.
7. Ex-Chiral pool synthesis towards butyrolactone based molecules of agro-pharmaceuticals and functional interests: A green approach, Sasi P.V, Simimole H and I.Ibnusaud, 11<sup>th</sup> National Convention of Chemistry Teachers (NCCT-2011) & National Seminar on Emerging Trends in Green Chemistry, Dept. of Chemistry, A.N College, Patna, India, Oct.15-17, 2011.
8. Inaugural Lecture on Asymmetric Synthesis, Navathy Celebration and International Year of Chemistry 2011, I. Ibnusaud, S.B College, Changanacherry, Kottayam, Kerala, Oct.14, 2011.
9. A novel class of chiral phosphine ligand based on(2S,3S) – Tetrahydro-3-hydroxy-5-oxo-2,3,furan dicarboxylic acid, I.Ibnusaud, S. Anumol and Ashna Shaji, (ISCD – 2011) University of Liverpool, Liverpool, UK, 10<sup>th</sup> July to 13<sup>th</sup> July 2011.

#### VI. Project proposals submitted

- i) “Ex-chiral pool synthesis towards few molecules of anticancer & antituberculosis likeness” - A Project proposal submitted to Council of Scientific and Industrial Research (CSIR)
- ii) “Synthesis of Enantiopure Compounds Employing Renewable Regional Resources”- A project proposal submitted to Kerala State Council for Science, Technology and Environment, Thiruvananthapuram, Kerala under “SARD SCHEME”
- iii) “Intellectual and Physical Infrastructure for High Priority Research” - XII Plan Proposal by UGC
- iv) “High Priority Research Utilizing Molecules Obtained from Renewable Resources” - Proposal submitted to Govt. Kerala for Additional Center Assistance
- v) “Integrated Ph.D Programme”- proposal submitted to the university

**VII. Seminars/Workshops/ Programmes organised by IIRBS**

SI No.	Workshop	Resource Person
1	Science Academies' Lecture Workshop on Quantum Mechanics, Molecular- Resonance Spectroscopy and Hands-on Experience in Spectroscopy, March 1 – 3, 2012	Prof.M. S. Gopinathan, IISER, TVM Prof. K.L Sebastian, IISc, Bangalore Prof. Mangala Sunder, IIT, Madras Prof. Ramasesha, IISc, Bangalore Prof. T.N Vasudevan, Calicut University Prof. N. Chandrakumar, IIT, Madras Dr. Christy George, IIT, Madras Dr. Ayan Datta, IISER, TVM
2	English Language Skill Workshop, December 22 – 23, 2011	District Centre for English (DCE - Neyyattinkara)
3	Seminar on Genetic Structure of Indian Jewish Diaspora, October 27 – 28, 2011	Dr. Mini Kariappa, Dept. Anatomy, Medical college, Kolencherry
4	Workshop on Organometallic Chemistry, August 23 - 26, 2011	Prof. Anil J. Elias, IIT Delhi
5	Seminars associated with New student orientation programme, Sept.02, 2011	Dr. Suresh Das, Director, NIIST, TVM Dr. Manoj Ramavarma , Scientist, NIIST, TVM
6	Workshop on Basic Principles and Applications of Computational Chemistry, May 23 - 27, 2011	Prof. R.B. Sunoj, IIT Mumbai Prof. A. Anoop, IIT Kharagpur Prof. Ayan Dutta, IISER Trivandrum
7	Seminar on Pharmaceutical Process Chemistry, May 17, 2011	Dr. Rajappa Vaidyanathan, Chemical Research and Development Division, Pfizer, Groton, CT, USA

**VIII. Equipments procured**

SI No.	Equipment	Date of Purchase	Nos.
1	Fume Hood	11.07.2011, 10.09.2011	10
2	Nitrogen Gas Generator	27.07.2011	1
3	Rotary Evaporator	13.07.2011	6
4	Centrifuge	06.09.2011	1
5	UV-Visible Spectrophotometer	20.10.2011	1
6	Autoclave	27.06.2011	1
7	Bacteriological Incubator	27.06.2011	1
8	Rotary shaker with incubator	27.06.2011	1
9	Laminar Airflow	11.07.2011	1
10	Vacuum Pump	01.08.2011	1
11	RH-Basic Magnetic Stirrer	30.07.2011	2
12	Pulveriser	20.12.2011	1
13	Computer	23.05.2011	4
14	FTIR with ATR	Under process	1
15	Atomic Absorption Spectrophotometer	Under process	1
16	Microwave Digester	Under process	1
17	Fume Hood	Under process	10

**IX. NMR services extended to institutions**

SI No.	Name of Institution
1	BIT, Mesra Rauchi, Jharkhand
2	JNTBGRI, Palode, Trivandrum
3	CUSAT, Cochin



4	SCTIMST , Poojapura, Trivandrum
5	NIT,Calicut
6	Kannur University
7	Mar Evanios College , Trivandrum
8	CMS College , Kottayam
9	Baselius College, Kottayam
10	Alphonsa College, Pala
11	St. Thomas College, Pala
12	St.Berchmans, College, Changanacherry
13	St. Joseph College , Moolamattom
14	St. Thomas College , Thrissur
15	S.N. College, Punaloor
16	College of Pharmaceutical Science, Medical College, Trivandrum
17	Amritha School of Pharmacy , Cochin
18	JSS College of Pharmacy, Ootty
19	KM College of Pharmacy, Madurai
20	Devaki Amma Memorial College of Pharmacy, Malappuram
21	Sreekrishna College of Pharmacy, Parassala
22	School of Chemical Science M G University
23	School of Bio Science M G University
24	University College of Pharmaceutical Sciences Cheruvandoor

#### X. Research Collaborations

1. Prof. Prasad L. Polavarapu (Vanderbilt University, Nashville, USA)
2. Prof. Henri B. Kagan (Universite Paris-Sud, 91405 Orsay, France)
3. Dr. Hisham Abdul Khader (Sultan Kabul University, Qatar)
4. OSDD programme sponsored by CSIR (Govt. India)  
IIRBS donated first molecule for anti T.B drug screening to the open chemical repository of OSDD (Open Source Drug Discovery) programme sponsored by CSIR, Govt. India. Also, IIRBS is collaborating with CSIR -OSDD programme for synthesising molecules having anti T.B drug likeness

#### XI. Infrastructure Development

Construction of a new building for IIRBS initiated under RIDF scheme is underway.

#### Fund received

- Financial Assistance under RIDF Scheme **2.22 Crores**
  - o (For building -underway) No.19043/K3/10/H.Edn dated 29.10.10
- Financial assistance from the Govt. of Kerala **1.10 Crores**
  - o (Plan proposal 2010-11 for IIRBS, under implementation)
  - o G.O(Rt)No.2002/2010/H.Edn dated 13.10.10

#### IIRBS-Integrated Building complex under construction

### CENTRE FOR ENGLISH LANGUAGE AND COMMUNICATION SKILLS (CELCS)

<b>1. Name of the Centre</b>	Centre for English Language and Communication Skills
Email ID	<a href="mailto:Celcs.mgu@gmail.com">Celcs.mgu@gmail.com</a>
<b>2. Head of the Centre</b>	Dr. Upot Sherine

3. Staff Profile								
	Men	Women	SC	ST	Total			
Teaching	-	2	-	-	2			
Non-Teaching	1	1	-	-	2			
4. Courses Offered:			No. of Seats					
	Men	Women	Total					
a) Post Graduate Certificate in English Communication Skills (PGCEC) – Short term course.	12	8	20					
b) Other short-term courses in English Language and Communication/ Open courses for University PG students under CSS.	4	8	12					
5. Student intake			Appeared		Passe d			
	M	W	M	W				
a) Post Graduate Certificate in English Communication Skills (PGCEC)	11	8	11	8				
b) Other short-term courses in English Language and Communication/ Open courses for University PG students under CSS.	4	8	4	8				
6. Details of Tests cleared by Students			Nil					
7. Library			Total No. of Books		699			
			Total No. of Journals		1			
8. Grants received during the year			Nil					
9. Projects undertaken			Nil					
10. Seminars conducted			Nil					
Sl. Nos. 11 – 25			Nil					
Sl. No.	Name of course conducted	No. of students who have successfully completed the course						
		SC/ST		Other		Total		
		Boys	Girls	Boys	Girls	Boys	Girls	Total
1.	Post Graduate Certificate in English Communication (PGCEC) – Batch II	1	2	5	7	6	9	15
2.	Post Graduate Certificate in English Communication (PGCEC) – Batch III	2	2	9	6	11	8	19
<b>Total</b>								<b>34</b>
3.	Open Course CEL 101 – English Language and Communication				4	8	12	
<b>Total</b>								<b>12</b>

## Centre for Nanoscience and Nanotechnology

1. Name of the School/Department:- Centre for Nanoscience and Nanotechnology  
[cnmgu@gmail.com](mailto:cnmgu@gmail.com), <http://www.nano-mgu.co.cc/>

2. **Head of the School/Department:-** Prof. Sabu Thomas

3. **Staff Profile**

Teaching	Prof. Sabu Thomas (Hon. Director)
	Dr. Nandakumar Kalarikkal (Hon. Joint Director)
Non - Teaching	Smt. Anandavally (CLR-PEON)
	Mr. Charles Sebastianan (Project Assistant (Temporary))

4. **Courses offered with Number of seats**

Course Name	Indian Students	International Students	Qualification
M S in Nanoscience and Nanotechnology (4 Semesters)	10	2	B Tech in any stream/ M Sc in any Science Subjects
M Phil in Nanoscience and Nanotechnology (2 Semesters)	10	2	M Sc in any Science Subjects
P G Diploma in Nanoscience and Nanotechnology (Evening Course, 3 Months) Yet to be started	27	3	M Sc in any science subjects
Ph D in Nanoscience and Nanotechnology	Nil	Nil	M Sc/M Phil/M Tech

These courses are designed for

- Graduate science or engineering students interested in preparing for research/career in industry or pursuing graduate education.
- Post graduates students who want to broaden their knowledge of this rapidly developing field and to have hands- on experience with applicable research tools.
- Professionals looking to remain at the forefront of scientific advancements or seeking continuing education units.

The curricula for the above courses have designed at par with international standards.

- The admission for the M S and M Phil courses is based on an all-round performance in a national level entrance examination, marks in the qualifying examination and a subject interview. The admission for Ph.D. is based on a national level entrance examination or on NET/GATE performance.

5. **Student Intake**

	Appeared	Intake
M S	36	7
M Phil	81	10
Ph D	18	18

6. **Details of Test cleared by Students**

7. **Library:** (A) Total Number of Books : 155

8. **Grants Received**

UGC Innovative Programme (5-year Plan; 2012-2015) has sanctioned for the M S Course in Nanoscience and Nanotechnology

9. **Projects Undertaken**

**Research Achievements**

**On – Going Sponsored Research Projects**

1. Project Title: **Development of engineered nano-structured materials for high performance applications.**

Total expenditure of the project: Rs. 3,66,99,600/-

- Funding agency: DST, New Delhi  
Principal investigator: Prof. Sabu Thomas  
Principal Co-Investigator: - Dr. Nandakumar Kalarikkal
2. Project Title: - **Nanofillers in Polymeric Systems.**  
Total expenditure of the project: Rs. 16,50,000/-  
Funding agency: General Cables, USA  
Principal investigator: Prof. Sabu Thomas
  3. Project Title: - **High performance Nylon – Clay Nanocomposites for Dental applications.**  
Total expenditure of the project: Rs. 29,51,300/-  
Funding agency: Indian Council of Medical Research, New Delhi  
Principal investigator: Prof. Sabu Thomas
  4. Project Title: - **Ion beam irradiation effects on the structural and ferroic properties of selected sol – gel derived films of nanomultiferroics.**  
Total expenditure of the project: Rs. 6,50,000/-  
Funding agency: UGC-DAE CSR – Kolkata Centre  
Principal investigator: Dr. Nandakumar Kalarikkal
  5. Project Title: **Engineering of dual porous polymer nanocomposites scaffolds for Tissue Engineering**  
Total expenditure of the project: Rs. 24, 00,000/-  
Funding agency: DST, New Delhi  
Principal investigator: Prof. Sabu Thomas
  6. Project Title: **Development of Nanocomposites for Aerospace, Defense and Automotive Applications.**  
Total expenditure of the project: Rs 30,00,000  
Funding agency: KSCSTE (SARD), Thiruvananthapuram

#### 10. Seminars conducted

- First International Conference on Composites and Nanocomposites (ICNC 2011) 7<sup>th</sup> – 9<sup>th</sup> January 2011
- Second International Conference on Recycling and Reuse of Materials. (ICRM 2011) 5<sup>th</sup> – 7<sup>th</sup> August 2011
- First International Conference on Plasma Processing of Organic Materials and Polymers (PPOMP-2011) 25<sup>th</sup> – 27<sup>th</sup> November 2011
- Second International Workshop on Nanomaterials- Synthesis, Characterization and Applications. 12<sup>th</sup> January 2012
- Second International Conference on Nanomaterials- Synthesis, Characterization and Applications. (ICN-2012) 13<sup>th</sup> – 15<sup>th</sup> January 2012

#### ERUDITE LECTURES

- Prof. R Ramaraj, Madurai Kamaraj University, Chennai, 16<sup>th</sup> -23<sup>rd</sup> April 2011
- Prof. Ajay K Sood, IISC, Bangalore 21<sup>st</sup> -22<sup>nd</sup> July 2011
- Prof. K Vijayamohanan, National Chemical Laboratory, Pune, 13<sup>th</sup> – 21<sup>st</sup> September 2011
- Prof. R. Adhikari, Tribhuvan University, Nepal 12<sup>th</sup> – 25<sup>th</sup> October 2011
- Prof. Baldev Raj, IGCAR, Kalpakkam, Chennai, 28<sup>th</sup> - 29<sup>th</sup> October 2011
- Prof. Dominique Durand, University of Maine, France 2<sup>nd</sup> -13<sup>th</sup> November 2011
- Prof. C N R Rao, JNCASR, Bangalore, 12<sup>th</sup> - 13<sup>th</sup> January 2012
- Prof. Srecko Valic, Ruder Boskovic Institute, Croatia, 17<sup>th</sup> -25<sup>th</sup> January 2012
- Prof. Abderrahim Bouvenne, University of Paris-est-treitein, France, 25<sup>th</sup> -31<sup>st</sup> January 2012
- Prof. Manfred Stamm, Leibniz Institute of Polymer Research, Germany 13-21 February 2012
- Prof. B A Wolf, University of Maine, Germany, 27<sup>th</sup> February 2012 – 11<sup>th</sup> March 2012

**11. Publications by Prof. Sabu Thomas and Dr. Nandakumar Kalarikkal (2012)**

**Transreactions in poly trimethylene terephthalate/bisphenol-A polycarbonate (PC) blends analysed by pressure-volume-temperature measurements** Indose Aravind, Jürgen Pionteck, Sabu Thomas, Original Research Article Polymer Testing, 31 (1) (2012) 16

**Separation of n-hexane/acetone mixtures by pervaporation using high density polyethylene/ethylene propylene diene terpolymer rubber blend membranes** P.V. Anil Kumar, S. Anilkumar, K.T. Varughese, Sabu Thomas, Original Research Article. Journal of Hazardous Materials, 199 (200) (2012) 336

**Crosslinked natural rubber nanocomposites reinforced with cellulose whiskers isolated from bamboo waste: Processing and mechanical/thermal properties** PM Visakh, Sabu Thomas, Kristiina Oksman, Aji P Mathew, Composites Part A: Applied Science and Manufacturing, 43 (4) 2012 753

**Effect of Cure Conditions on the Generated Morphology and Viscoelastic Properties of a Poly (Acrylonitrile-Butadiene-Styrene) Modified Epoxy-Amine System** Jyotishkumar Parameswaran Pillai, Jürgen Pionteck, Rudiger Haßler, Christophe Sinturel, Viju Susan Mathew, Sabu Thomas, Industrial & Engineering Chemistry Research

**Chlorobutyl rubber nanocomposites as effective gas and VOC barrier materials,** A Saritha, Kuruvilla Joseph, Sabu Thomas, R Muraleekrishnan, Composites Part A: Applied Science and Manufacturing Publisher: Elsevier

**Thermophysical and mechanical properties of TiO<sub>2</sub> and silica nanoparticle-filled natural rubber composites** AP Meera, R Tlili, A Boudenne, L Ibos, V Poornima, S Thomas, Y Candau, Journal of Elastomers and Plastics Publisher: SAGE Publications

**Transport properties of polyester composite reinforced with treated sisal fibers** PA Sreekumar, B Agoudjil, A Boudenne, G Unnikrishnan, L Ibos, M Fois, S Thomas, Journal of Reinforced Plastics and Composites 31 (2) (2012) 117

**Transport properties of high-density polyethylene/ethylene propylene diene terpolymer blends** PV Anil Kumar, S Anil Kumar, KT Varughese, Sabu Thomas, Journal of Materials Science, (2012) 1

**Transport behavior of aromatic hydrocarbons through high density polyethylene/ethylene propylene diene terpolymer blends** PV Anil Kumar, S Anilkumar, KT Varughese, Sabu Thomas, Journal of Polymer Research 19 (1) (2012) 1

**(2011)**

**Studies on Stress Relaxation and Thermomechanical Properties of Poly(acrylonitrile-butadiene-styrene) Modified Epoxy-Amine Systems.**

Jyotishkumar P, Jürgen Pionteck, Rudiger Haßler, Sajeev Martin George, Uros Cvelbar, and Sabu Thomas *Ind. Eng. Chem. Res.*, 2011, 50 (8), pp 4432–4440, Publication Date (Web): March 9, 2011 (Article). DOI: 10.1021/ie1016915

**Permeation of Chlorinated Hydrocarbon Vapors through High Density Polyethylene/Ethylene Propylene Diene Terpolymer Rubber Blends.** P. V. Anil Kumar, S. Anil Kumar, K. T. Varughese & Sabu Thomas, Journal: Separation Science and Technology.

**Crosslinked Natural Rubber Nanocomposites Reinforced with Cellulose Whiskers**

**Isolated from Bamboo Waste: Processing and Mechanical/Thermal Properties.**

Composites Part A: Applied Science and Manufacturing, **In Press, Accepted Manuscript**, Available online 24 December 2011, P.M. Visakh, Sabu Thomas, Kristiina Oksman, Aji. P. Mathew.

**Electrical properties of short sisal fiber reinforced polyester composites fabricated by resin transfer molding.** Composites Part A: Applied Science and Manufacturing, **In Press, Corrected Proof**, Available online 1 December 2011

P.A. Sreekumar, Jean Marc Saiter, Kuruvilla Joseph, G. Unnikrishnan, Sabu Thomas.

**Natural rubber latex/potato starch nanocrystal nanocomposites: Correlation morphology/electrical properties.** Materials Letters, Volume 65, Issues 23-24, December 2011, Pages 3615-3617, Emilie Bouthegourd, K.R. Rajisha, Nandhakumar Kalarikal, Jean Marc Saiter, Sabu Thomas.

- Structure-based virtual screening for plant-derived SdiA-selective ligands as potential antivirulent agents against uropathogenic Escherichia coli.** European Journal of Medicinal Chemistry, **In Press, Accepted Manuscript**, Available online 16 December 2011  
Vinothkannan Ravichandiran, Karthi Shanmugam, Anupama K. Sabu Thomas, Adline Princy
- Cure Kinetics of Poly(acrylonitrile-butadiene-styrene) Modified Epoxy–Amine System.**  
Jyotishkumar Parameswaran Pillai & Sabu Thomas, Journal: Journal of Macromolecular Science, Part A, Volume 48, Issue 9, September 2011, pages 751-756, Available online: 29 Jul 2011
- Influence of clay content and amount of organic modifiers on morphology and pervaporation performance of EVA/Clay nanocomposites** Runcy Wilson, Toms S. Plivelic, P. Ramya, C. Ranganathaiah, M. Y. Kariduraganavar, Anil kumar Sivasankarapillai, and Sabu Thomas, Ind. Eng. Chem. Res., 50 (7) (2011) 3986
- Surface-modified sisal fiber-reinforced eco-friendly composites: Mechanical, thermal, and diffusion studies** Sreekumar P.A., Kuruvilla Joseph, Unnikrishnan G. and Sabu Thomas, Polymer Composites, 32 (2011), 131
- In situ microfibrillar blends and composites of polypropylene and poly (ethylene terephthalate): Morphology and thermal properties,** Karingamanna Jayanarayanan, Sabu Thomas, Kuruvilla Joseph, Journal of Polymer Research, 18 (2011), 1
- Poly(ethylene-co-vinyl acetate)/calcium phosphate nanocomposites: Mechanical, gas permeability, and molecular transport properties** P. Selvin Thomas, P. A. Sreekumar, Abi Santhosh Aprem and Sabu Thomas, Journal of Applied Polymer Science, 120 (4) (2011) 1974
- Yttrium barium copper oxide-filled polystyrene as a dielectric material** Rosalin Abraham, Soosy Kuryan, Jayakumari Isac, Ajesh K. Zacharia and Sabu Thomas, Journal of Applied Polymer Science, 120 (4) (2011) 2233
- Influence of calix[2]-p-benzo[4]pyrrole on the electrochemical properties of poly(ethylene oxide)-based electrolytes for lithium batteries** A. Manuel Stephan, T. Prem Kumar, N. Angulakshmi, P.S. Salini, R. Sabarinathan, A. Srinivasan and Sabu Thomas, Journal of Applied Polymer Science, 120 (4) (2011) 2215
- Surface-modified sisal fiber-reinforced eco-friendly composites: Mechanical, thermal, and diffusion studies.** Sreekumar P.A., Kuruvilla Joseph, Unnikrishnan G. and Sabu Thomas, Polymer Composites, 32 (1) (2011) 131
- Natural rubber latex/potato starch nanocrystal nanocomposites: Correlation between morphology/electrical properties.** Emilie Bouthegourd, K.R. Rajisha, Nandhakumar Kalarical, Jean Marc Saiter, Sabu Thomas, Materials Letters, Volume 65, Issues 23-24, December 2011, Pages 3615-3617
- Cellulose nanocomposites with nanofibres isolated from pineapple leaf fibers for medical applications** Bibin Mathew Cherian, Alcides Lopes Leão, Sivoney Ferreira de Souza, Ligia Maria Manzone Costa, Gabriel Molina de Olyveira, M. Kottaisamy, E.R. Nagarajan, Sabu Thomas, Carbohydrate Polymers, Volume 86, Issue 4, 15 October 2011, Pages 1790-1798
- Transreactions in poly trimethylene terephthalate / bisphenol-A polycarbonate (PC) blends analysed by Pressure-Volume-Temperature measurements.** Indose Aravind, Jürgen Pionteck, Sabu Thomas Original Research Article Polymer Testing, In Press, Accepted Manuscript, Available online 9 September 2011.
- Rheology and pressure–volume–temperature behavior of the thermoplastic poly(acrylonitrile-butadiene-styrene)-modified epoxy-DDS system during reaction induced phase separation.** P. Jyotishkumar, Jürgen Pionteck, Ceren Özdilek, Paula Moldenaers, Uroš Cvelbar, Miran Mozetic and Sabu Thomas, *Soft Matter*, 2011, 7, 7248-7256 .
- Viscoelastic and thermal properties of eco-friendly composites fabricated by resin transfer molding.** P.A Sreekumar, P. Selvin Thomas, Jean Marc Saiter, G. Unnikrishnan, And Sabu Thomas. Journal of Reinforced Plastics and Composites, September 2011; vol. 30, 17: pp. 1509-1516., first published on September 16, 2011
- Structure and magnetic properties of the  $Al_{1-x}Ga_xFeO_3$  family of oxides: A combined experimental and theoretical study *Journal of Solid State Chemistry*, **184, Issue 3, 494 (2011)**  
A New Synthetic Pathway of  $Sr_2CeO_4$  Blue-White Phosphor and its Characterization *Journal of Luminescence*, **31, Issue 10, 2181 (2011)**

Nonlinear optical properties of nanosized rare earth doped strontium barium niobate ceramics *Spectroscopy Letters*, **44**, 334 (2011)

An open aperture z-scan study of Sr<sub>2</sub>CeO<sub>4</sub> blue phosphor *J. Alloys and Compounds*, **509**, 34, 8573-8576 (2011)

Mossbauer Study of Ni, Ni-Co and Co Ferrite Nanoparticles *American Institute of Physics Conference Proceedings*, Vol. 1349, 1175-1176 (2011)

Luminescence and Optical Limiting Properties of Sr<sub>2</sub>CeO<sub>4</sub> Blue Emitter *American Institute of Physics Conference Proceedings*, Vol. 1349, 1273-1274 (2011)

The Open Aperture Z-Scan Studies on Biferroic YCrO<sub>3</sub> *American Institute of Physics Conference Proceedings*, Vol. 1349, 1277-1278 (2011)

Structural and Photoluminescence studies on nanosized Samarium doped Strontium Barium Niobate ceramics *Spectroscopy Letters-In Press* (2011)

Natural rubber latex/potato starch nanocrystal nanocomposites: correlation of morphological/ electrical properties *Materials Letters - In Press* (2011)

Nonlinear optical absorption studies of sol - gel derived Yttrium Iron Garnet (Y<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub>) nanoparticles by Z-scan technique *Ceramics International - Accepted* (2011)

## 12. Academic Tie-ups

### Memorandum of Understanding

MoU has signed with **Walter Sisulu University, South Africa** on 12<sup>th</sup> August 2011

MoU has signed with **Universiti of MARA, Malaysia** on 07<sup>th</sup> February 2012

### Students enrolled in the Centre for M S and M Phil

No.	M S – 12 Seats	M Phil – 12 Seats
1	Aruni S	Manju Jayan
2	Bhadralakshmi R	Anu K John
3	Sumesh S	Sara M Vargheese
4	Shibin Thomas	Meera Sathyan
5	Reshily Abdul Rahiman	Sherin Philip
6	Swapna K J	Deepa P Mohanan
7	Anu A S	Deepa J
8		Giji Baby Kumar
9		Muhammed Ashik U P
10		Anchu Viswan

### Research Scholars of the Centre

No.	Ph.D	Post-Doctorate
1	R Rajakumari	Mahesh S
2	Y Srinivasa Rao	Gioble George
3	Lakshmi Priya S	Smitha Ajith
4	Jiji Abraham	
5	Taniya Antony	
6	Anju Paul	
7	Anju Augustine	
8	Arun S Menon	
9	Arunima R	
10	Nandagopal S	
11	Sneha Mohan	
12	Sandhya Gopalakrishnan	
13	Indu Raj	
14	Sharika T	
15	Merin S Thomas	
16	Jithin Joy	

17	Prince Mattam	
18	Robin Augustine	

**Director: - Prof. Sabu Thomas**

**Joint Director: - Dr. Nandakumar Kalarikkal**

**OBJECTIVES**

- i. To promote and coordinate large-scale interdisciplinary research programs in nanoscience and nanotechnology.
- ii. To provide a centre of educational excellence for training researchers in the field of Nanoscience & Nanotechnology.
- iii. To serve as a bridge between the University's nano-research and the industrial application in nanotechnology.
- iv. To provide consultancy services in Nanoscience & Nanotechnology to industries and other required sectors.
- v. To study the Social, Ethical, Legal and Environmental (SELE) issues related to Nanoscience & nanotechnology.

**THRUST RESEARCH AREAS OF THE CENTRE**

Nanomaterials

Nanochemistry

Nanobiology and Nanomedicine

Green Energy

Social, Ethical, Legal and Environmental (SELE) issues

**STUDENTS ENROLLED**

No.	M S – 12 Seats	M Phil – 12 Seats
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5	Taniya Antony	
6	Anju Paul	
7	Anju Augustine	
8	Arun S Menon	
9	Arunima R	
10	Nandagopal S	
11	Sneha Mohan	
12	Sandhya Gopalakrishnan	
13	Indu Raj	
14	Sharika T	
15	Merin S Thomas	
16	Jithin Joy	
17	Prince Mattam	
18	Robin Augustine	



### Memorandum of Understanding

MoU has signed with **Walter Sisulu University, South Africa** on 12<sup>th</sup> August 2011

MoU has signed with **Universiti of MARA, Malaysia** on 07<sup>th</sup> February 2012

## **University Centre for International Co-operation (UCIC)**

Mahatma Gandhi University has established the University Centre for International Cooperation (UCIC) as an integral part of the interdisciplinary Convergence Academia Centres (CAC) during 2010. The central objective of the UCIC has been to explore the ways and means that shall facilitate collaborative teaching, research and outreach programmes with reputed institutions from abroad.

### **A. Objectives**

- To promote academic collaboration and exchange in teaching and research;
  - To identify potential international institutions of repute that shall enter into collaboration with Mahatma Gandhi University;
- To identify potential academic areas of co-operation;
- To formulate short term inter-disciplinary courses for foreign students;
  - To facilitate international co-operation between University Departments and colleges with foreign academic institutions;
  - To co-ordinate with national agencies such as UGC, ICCR, ICSSR, ICHR in the promotion of international co-operation;
  - To facilitate the visits of students, research scholars and teachers from Mahatma Gandhi University in institutions abroad;
- To promote and host study abroad programmes of institutions from abroad;
  - To provide necessary inputs to university decision making bodies so that international exchange will take place to the satisfaction of the institutions involved.
  - Outward mobility of students from Mahatma Gandhi University. Partial financial support for study abroad

### **B. Faculty**

The Programmes and activities of the UCIC shall be organized by a Faculty consisting of Members of the faculty of the School of International Relations and Politics as well as other academic departments of the university.

Adjunct faculty shall be drawn from among the colleges affiliated to Mahatma Gandhi University as well as from other Universities and Educational Institutions, in Kerala. Besides, there shall be Guest Faculty, visiting Faculty as well as visiting Scholars and Fellows invited from in India and abroad.

The Programmes and activities of the UCIC were inaugurated during December 2010, with an International Conference commemorating the Hiroshima Peace Day. A Japanese Delegation led by Hiroshima Legend Mr. Takashi Teramoto visited the university on the occasion and an Exhibition on the Hiroshima tragedy as well as the One Day Symposium was organized during 11-12 August 2010. Subsequently, the UCIC initiated a variety of collaborative teaching, research and outreach activities during 2011-12 jointly with the School of International Relations and Politics and other academic departments in the university.

### **C. Academic and Outreach Programmes**

The Highlights of the Academic and Outreach Programmes and activities include:

- Hosted Prof. Jia Haitao, Director, Institute for Chindian Studies, Jinan University, Guangzhou, China as the KSHEC sponsored Erudite Scholar-in-Residence during January 2011.
- Hosted invited Special Lecture by Ambassador Vinod C. Khanna on the theme *Rise of China: Implications for the Rest of the World* jointly with the Public Diplomacy Division of Ministry of External Affairs (MEA), New Delhi.

- The School of International Relations and Politics jointly with the UCIC organized a One Day Symposium on the theme *China and the Emerging World Order: Is Peaceful Rise Possible?* on 23 December 2011.
- UCIC hosted the Erudite Scholar-in-Residence Programme of Prof. Jane Knight during December 2011 – February 2012.
- UCIC hosted the Fulbright Senior Specialist Programme of Prof. David G. Baker, Fulbright Senior Specialist, USA jointly with the School of International Relations and Politics.
- Dr. Raju K. Thadikkaran, Honorary Director of the UCIC visited Jinan University as well as Catholic University of Korea (CUK) during October-November 2011.
- Dr. Raju K. Thadikkaran, Honorary Director UCIC jointly with Dr. K.M Seethi, Dean, Faculty of Social Sciences, Mahatma Gandhi University participated in the International Conference on Buddhism and World Culture organized by Jinan University, China as well as in a One Day Colloquium on the theme India and South Korea

**E. Memorandum of Understanding (MoU) between Mahatma Gandhi University and the Institutions from abroad during the academic year 2011-12**

- (5) Institute of Political Studies (IEP) Rennes, France
- (6) IEP of Bordeaux, Sciences PO, Bordeaux, France
- (7) Institute for Chindian Studies, Jinan University, Guangdong Province, China
- (8) Catholic University of Korea (CUK), Seoul

**F. Academic cum Administrative Initiatives**

- UCIC initiated various measures so as to ensure reservation of seats for foreign students and research scholars from abroad in all academic departments in the university, constituent colleges, Off-Campus centres as well as affiliated colleges
- UCIC initiated measures whereby Mahatma Gandhi University has streamlined the admission process for foreign students admitted to Mahatma Gandhi University through MoU, ICCR sponsored Cultural Exchange Scheme as well as Exchange Schemes.
- At the UCIC initiative, Mahatma Gandhi University has established International Scholars Hostel (Ladies and Gents) as well as studio apartment accommodation facility for senior foreign scholars. These facilities are being provided in the house leased out for the purpose until permanent facilities shall be made available in the university campus.

**G. International Students/Scholars Admission to Mahatma Gandhi University through the UCIC during 2011-12**

16 Students/Research Scholars were admitted to Mahatma Gandhi University through the UCIC during 2011-12 . It included 7 students from the Institute of Political Studies at Rennes, France as well as Bordeaux, France and students from Vietnam, China, Turkey Tanzania, Uganda and Poland.

**List of Foreign Students Admitted to Mahatma Gandhi University through the UCIC during the Academic Year (2011-12) through the ICCR Sponsored Cultural Exchange Schemes / Exchange Scholars / MoU**

Sl. No.	Name	Country	Course
1.	Ms.Louise Pageot	France	M.A Politics and International Relations (MoU)
2.	Ms.Marie Houdin	France	M.A Politics and International Relations (MoU)
3.	Ms.Pauline Calvez	France	M.A Politics and International Relations (MoU)
4.	Mr.Antoine De Seigneurens	France	M.A Politics and International Relations (MoU)
5.	Mr.Vincent Sacau	France	M.A Politics and International Relations (MoU)
6.	Ms.Gao Wenjing	China	M.A Politics and International Relations (Exchange)

7.	Mr. Tran Minh Nhan	Vietnam	M.A Politics and International Relations (ICCR/CE)
8.	Ms. Elif Bali	Turkey	M.Phil Politics and International Relations (ICCR/CE)
9.	Mr. Tito R Mhagama	Tanzania	MBA (ICCR/CE)
10.	Ms. Oceng Frede Amito	Uganda	M.Sc Food Service Management (ICCR/CE)
11.	Ms. Lwamusai Marsha	Uganda	MBA (ICCR/CE)
12.	Mr. Kamy Joseph	Uganda	B.Com (ICCR/CE)
13.	Mr. Mwanje Ssenono Aloysius	Uganda	M.Sc. (IT) (ICCR/CE)
14.	Ms. Hanna Barbara Urbanska	Poland	PDF (ICCR/CE)
15.	Ms. Mallet Oriane	France	M.A Politics and International Relations (MoU)
16.	Ms. Caillon Marine	France	M.A Politics and International Relations (MoU)

#### **G. Academic and Outreach Initiatives Envisaged by the UCIC during XIIth Plan Period**

The Centre shall explore the possibility of institutional collaboration between Mahatma Gandhi University and reputed institutions from abroad through MoU. The UCIC shall facilitate academic mobility, both inward and outward, and shall organize international summer schools on themes related to Indian society, economy, polity, culture and tradition.

The Centre shall also host the Study Abroad Programmes and Semester Abroad Programmes of reputed institutions from abroad. The Centre shall decide and develop short-term course modules that shall be offered to young scholars from abroad for varying durations of 1-4 months.

The UCIC shall strive to generate financial resources that will facilitate the outward travel of students and research scholars of the university. In addition, the UCIC shall work out the modalities and mechanisms that shall facilitate credit recognition and credit transfer.

#### **Specifically, the UCIC shall initiate the following Academic and Outreach Programmes during the XIIth Plan Period**

- I. Short-term Course Modules on India for foreign students – about Indian policy, society, economy, culture, history and philosophy.
- II. International Summer School for young scholars from abroad.
- III. Hosting Study Abroad as Semester Abroad programmes of reputed foreign institutions for period varying from one month to four months.
- IV. Institutional membership in international bodies such as International Association of Universities (IAU).
- V. MoU with reputed institutions from abroad.
- VI. International Scholars Hostel (ISH) at the University Campus.

#### **H. Expected outcome**

Mahatma Gandhi University is expected to emerge as one of the leading centres of excellence in the country capable of attracting young scholars from far and wide. The ICCS shall provide the interface for visiting foreign students with academics and policy makers in the state and country.

Young scholars from Mahatma Gandhi University will find it easier to make academic visits abroad. The university academic system shall be made consistent with the demands requirements of credit mobility, credit transfer and credit recognition which are highly essential to facilitate academic exchanges.

**In a cultural gathering in the afternoon, a performance of *Kalaripayattu* by the C.N.V Marma Kalari Sangham, Thiruvananthapuram, Mohiniyattam by Indian and foreign students from**

**Kerala Kala Mandalam and cultural performances by the Indian and foreign students of the School of International Relations and Politics, Mahatma Gandhi University were the main items.**

## **Institute for Contemporary Chinese Studies (ICCS)**

The Mahatma Gandhi University has recently established (during 2011) the Institute for Contemporary Chinese Studies (ICCS) under the Area Studies Scheme of the University Grants Commission (UGC). The ICCS is being envisaged as an inter-disciplinary research intensive centre offering Post-graduate and Research Programmes in Chinese Studies under the Convergence Academia Centres (CAC).

### **A. Academic and Outreach Programmes during 2011-12**

The Highlights of the Academic and Outreach Programmes and activities include:

- Hosted Prof. Jia Haitao, Director, Institute for Chindian Studies, Jinan University, Guangzhou, China as the KSHEC sponsored Erudite Scholar-in-Residence during January 2011. Prof. Jia delivered a series of Lectures on the themes: Urbanisation and Social Development in China; Ethnic and Minority Question in China Today; Religion in the Contemporary China; Sino – Indian Relations: Issues and Challenges; One Country, Two Systems and the Taiwan Question.
- Hosted invited Special Lecture by Ambassador Vinod C. Khanna on the theme *Rise of China: Implications for the Rest of the World* jointly with the Public Diplomacy Division of Ministry of External Affairs (MEA), New Delhi.
- The School of International Relations and Politics jointly with the UCIC organized a One Day Symposium on the theme *China and the Emerging World Order: Is Peaceful Rise Possible?* on 23 December 2011.
- Dr. Raju K. Thadikkaran, Honorary Director of the UCIC visited Jinan University as well as Catholic University of Korea (CUK) during October-November 2011.
- Dr. Raju K. Thadikkaran, Honorary Director UCIC jointly with Dr. K.M Seethi, Dean, Faculty of Social Sciences, Mahatma Gandhi University participated in the International Conference on Buddhism and World Culture organized by Jinan University, China as well as in a One Day Colloquium on the theme India and South Korea

### **Memorandum of Understanding (MoU) between Mahatma Gandhi University and the Institutions from abroad during the academic year 2011-12**

- (1) Jinan University, Guangzhou, China.
- (2) Institute for Chindian Studies, Jinan University, Guangdong Province, China.
- (3) Catholic University of Korea (CUK), Seoul.

### **C. Academic (teaching and research) and Outreach Programmes envisaged in the Centre during the XIIth Plan Period**

- 5 year M.A. Integrated Programme in International Relations with specialization on Chinese Studies:
- Semester Abroad Study Programme whereby students from Mahatma Gandhi University will spend one semester in China and will specialize in course modules related to China. On the other hand, Chinese students will spend one semester in Mahatma Gandhi University, focusing on India studies
- M.Phil/Ph.D. Programmes in Chinese Studies

**Research:** Collaborative Research Program on India and China: Learning from each other. Theme: *Internationalization of Higher Education in India and China*

**Chairs:** *A Chair on the domestic dimensions of Chinese society; A Chair on the foreign policy dimensions of China*

### **International Conference**

The ICCS Inaugural International Conference on the theme Rise of China: Policy Parameters and Perspectives during May 2012.

### **International Summer School on India and China**

Theme: *The Rise of China and India: Socio-Cultural Milieu of India and China*

**Databank on China:** The ICCS shall set up an authentic and reliable Database on China. The Database will provide knowledge and information on all aspects of Chinese society that will be useful to students, research scholars, academics and policy makers. Besides, the Database will be beneficial to all stakeholders such as industries, researchers, NGO's and media.

**Awareness Campaign on China:** The ICCS shall initiate a variety of programmes that shall generate academic, intellectual and practical knowledge on Chinese society. It shall be done through publication of booklets, monographs, essay competition, quiz competition, among others.

#### **B. Faculty**

##### **Faculty and Research positions sanctioned by the UGC for in the ICCS during 2011, under the Area Studies Scheme**

Associate Professor	-	1 Nos
Assistant Professor	-	2 Nos.
Research Associate	-	2 Nos.

##### **Expected outcome**

- The teaching programmes envisaged during the XIIth Plan period shall generate a pool of young scholars who will be capable of undertaking genuine research on Chinese society, economy and foreign policy.
- Chinese Language teaching initiative will equip the students and researchers with the capacity to pursue original research work.
- Collaborative research programmes, essentially modelled in the frame work of Learning from Each other shall provide valuable insights and feedbacks to all stakeholders both in India and China.
- Outreach programmes shall provide the forum for dialogue on the vital issues and concerns, challenges and opportunities for all stakeholders.
- Academic mobility (students, research scholars and members of faculty), both inward and outward, shall make the teaching and research meaningful and mutually beneficial.
- The Database will provide genuine and important information on China to all stakeholders.

## **CENTRE FOR HIGH PERFORMANCE COMPUTING**

The Centre for High Performance High Performance Computing was involved in the following research activities during the year:

1. Modelling of reacting polymers; A new model for reacting polymers was developed .Computer programs for Exact Enumeration, High Precision Monte Carlo and Monte Carlo calculations for Growing self avoiding walks and reacting poly ethylene were developed. The data obtained from these calculations were used to estimate the Flory exponent for growing self avoiding walks and to study the phenomenon of polymer collapse in polythehtene.  
Ms. Nisha Sateesh submitted her Ph.D. after developing programs for reacting Polyehtylene on her own and analysing the data obtained. Manuscripts based on the above work are under preparation
2. Calculations on amino acids and poly peptides using the commercial program AMBER were carried out by students of the Physics Department and one Ph. D. was awarded for this work.

A work shop on ' The Relationship between Mathematics and Physics' was held in collaboration with the Physics Department. The theory classes were held in the Physics Department and the labs and software demonstrations were carried out at the Center. The Honorary Director of the Centre delivered a talk on 'Computer Programs for enumeration problems in Science' using the Random walk model as an example. This talk was featured in the Annual magazine brought out by the students of the Department of Computer Science.

# Mahatma Gandhi University Library

Mahatma Gandhi University Library System consists of Central Library in the University main campus and more than 30 department libraries and University Teacher Education and Study centres existing in different campuses.

## Staff Position

Dr. R. Raman Nair, University Librarian, retired on superannuation of Mar 31<sup>st</sup> 2011. Shri. M.R. Unni, Registrar of Mahatma Gandhi University took over the full additional charge of University Librarian with effect from 31-3-11 AN. When Registrar Shri. M.R. Unni was relieved from the charge of University Librarian with effect from 30-9-11 AN and the charge of University Librarian was assigned to Smt. Laila T. Abraham Deputy Librarian with effect from 1-10-2011 F N. After the relief of Smt. Sudha R., Administrative Officer from the library office on 28-8-11, Shri John A joined as the Administrative Officer on 29-8-11. The staff position of the University Library is given as follows:

Posts	No.
Deputy Librarian(i/c)	1
Deputy Librarian(DL II & III)	2
Administrative Officer	1
Assistant Librarian	10
Reference Assistant	6
Technical Assistant	3
Library Assistant	9
Library Assistant (Contract)	2
Assistant	2
Peon	4

## Services

In addition to the usual services of the library such as reference services, lending of books, inter-library loan service, etc the following documentation services are provided:

### Online journal and PhD database services:

### UGC-Infonet and e-journal consortium

The Mahatma Gandhi University is one of the first fifty Universities to come under the UGC-Infonet Programme. Under this consortia Library has 2 Mbps Leased line Internet connectivity enabling access to full text of 7000+ electronic journals and 12 various online databases. Elsevier's Science Direct in SciVerse platform is now accessible through INFONET serving the researchers in science disciplines to satisfy most of their queries. The library obtained internet connectivity in August 1996. The facility is open to all library members. 40 Information access terminals have been arranged for the purpose to access e-journals and databases. Average users for online journals are 190 per day. M.G. University Library was ranked 16 among the 125 universities to which UGC has endowed with the facility.

### 7.41 Sci-Finder Scholar

Sci-Finder, the world's leading scientific information resource is subscribed in the library. MGU has become one of the 20 universities and the first in Kerala to provide access to Sci-Finder Scholar (SFS) the world's largest pool of scientific information, which includes numerous mechanisms for retrieving

information and also for thousands of knowledge processing applications including laboratory functions. Research Scholars of the university rely much on the best scientific information available through Sci-Finder Scholar with CAS, a division of American Chemical Society . The access cost Rs.57 lakhs annually is met by UGC. Access to Sci-Finder enables at our disposal a cost effective opening to a sea of knowledge already generated in science with powerful knowledge processing E-learning mechanisms that can effectively improve quality and relevance of our research. Sci-Finder Scholar access facility in the university library has helped to enhance the research output in the departments of Mahatma Gandhi University to a greater extent.

#### **EBSCO Database (ASC)**

Mahatma Gandhi University Library is subscribing to EBSCO Database (Academic Search Complete) since May 1, 2010. It indexes about 13000 e-journals of which full text access is provided to about 8000 journals.

#### **Pro-Quest Abstract and Index (PQDT- A & I)**

PQDT- A & I is an online Dissertation and Theses Abstract database subscribed in the library since April 2011. It indexes 2.7 million dissertations and PhD Theses and every year 75000 items are added to it. Better e-learning of PhD dissertations world wide is utilized for improving research by the students and faculties.

#### **E-Books through Oxford Scholarship online**

Mahatma Gandhi University Library is a subscriber of Oxford Scholarship Online books. Perpetual access to 2500 titles are available for reference under seven modules of OSO Products such as Biology, Classical Studies, History, Literature, Philosophy, Physics and Political Science.

The library is also the subscriber to 5 major online encyclopedias of Taylor & Francis/Routledge. Articles can be downloaded for use by the students and students get a better opportunity for electronic learning of the resources through Oxford Scholarship Online and Routledge encyclopedias.

#### **CD-ROM and other Online Services**

The Library possesses a good collection of CD-ROM databases in all disciplines. Library has a CD-ROM networking facility to search databases in CD-ROM. Services of INFLIBNET Centre and National Centre for Science Information (NCSI) is also used. The Library maintains membership to institutions like DELNET(New Delhi), Indian Institute of Science, Bangalore, IIts, NISCAIR and NCL, Pune. The library has also access to the First Search Services of Ohio College Library Centre (OCLC, USA. About 70 databases are accessible through this.

#### **Digital Library/ ICT Lab**

University library has a Digital Library/ICT Lab where digital learning is provided to the students. Students and Research scholars utilize this lab for conducting searches on Sci-Finder, INFONET consortium, EBSCO, Pro-Quest, E-books under OSO Products & Routledge and E-theses. The lab was inaugurated by the Hon. Vice-Chancellor Dr. Rajan Gurukkal on 17-08-2010. The Lab is fully functional with 14 computers.

University Library had purchased an Identity Card Printer 'HITI CARD PRINTER CS 310' for printing Identity cards to the members of the library. This printer has the facility to print full colour alphanumeric prints, images, texts, barcoded etc in PVC cards.

#### **Audio-Visual Resource Centre**

Audio-Visual Resource Centre (AVRC) of the University Library was inaugurated by Hon. Pro-Vice Chancellor Dr. Rajan Varughese on 1<sup>st</sup> October 2009 at the Seminar Hall of University Library.

First programme in AVRC was conducted on 10-10-09 in connection with Gandhi Jayanthi. An exhibition of books/journals/DVDs & CDs on “Gandhi” and Richard Attenborough’s film on “Gandhi” was screened for school children which received wide applause. The programme was organized by AVRC and the Public Relations Department of M G University to introduce the Father of the Nation through the recently procured 50,000 page “Digital Archives”. 57 Students from 16 schools of Kottayam attended the programme and had an open discussion with Hon. Vice-Chancellor on various interesting issues.

Several documentary films were screened as continuation programmes of AVRC on all United Nations’ internationally observed days at the centre. Book exhibitions were also conducted on the occasion.

### **ICT and other infrastructure in the library**

University Library purchased a 25 KVA Diesel Generator set in the library for providing uninterrupted service in the library. Two new heavy duty printers were also purchased for providing photocopying facilities to the users.

As part of the development of ICT infrastructure, University library had purchased 52 new computers by after replacing the 40 old computers in the library for providing better services to the users.

### **Garden Library**

A dry garden was constructed in the premises of the library in an area of 6000sq ft with cement encircling around the trees providing resting place to the users.

### **Workshops/Seminars conducted in the library**

1. “Libraries and the Digital Information in the New Era :Summer School for School students” from May 24-26, 2011
2. “Workshop for “Enhancing Professional Competency of School Librarians in the Digital Era” from June 29-30, 2011
3. ”Workshop on KOHA” organized by M.G.University Library and Kerala Library Association from July 6-8, 2011.
4. ”User Awareness Programme on Science Direct Online Journals” for Research Scholars on August 2, 2011.
5. “Library Orientation” to the Library Science students of Rajagiri College of Social Sciences, M.G.University on 26-9-2011.
6. “Library Orientation” to the P G students of School of Chemical Sciences, M.G.University on 27-9-2011

### **New Additions List published in the library**

Technical Section of the library has published 14 issues of New Additions List of the new arrivals of books during 2011.

### **International Book Fair**

As per the resolution of the Syndicate it was decided to conduct International Book Fair, Theme discussions and Seminars from January 13 to 23, 2012 in University Library with Hon. Pro-Vice



Chancellor as the General Convener. Various committees were constituted for conducting the Book Fair and its associated programmes.

### **Book/Journal/Theses Collection**

Book collection at the end of the year accounts to **46149**. The library subscribed to **174** Indian and **136** foreign journals and 15 newspapers during the year 2011. There are **5519** Nos. of Bound Volumes of periodicals in the library. During 2011 we have received **78** Ph.D Theses in the library and they are accessioned and added to the library's collection.

### **Membership and user statistics**

During 2011 the membership of the library is 1689 including students, teachers, research scholars and others. About 1210 users use the library per week.

## **UNIVERSITY HEALTH CENTRE**

### ***HONORARY MEDICAL DIRECTOR***

**Dr. R.V.Jayakumar. M.D., D.M., M.N.A.M.S., M.R.C.P.**  
**Physician & Professor of Medicine (retd), Medical College,**  
**Kottayam Physician & Professor of Medicine, AIMS, Kochi.**  
**Resident Medical Officer (Part Time)**

**Dr M J Chacko M.B.B.S.**

The University Health Centre started functioning in 1992 with Dr R V Jayakumar as Honorary Medical Director.

The Honorary Medical Director visits the centre once in a week. The Director examines the patients referred by the Resident Medical Officer. The Director verifies the admissibility of the medical reimbursement bills and interest free medical advance for treatment as per government rules.

The services of the Resident Medical Officer Dr M J Chacko, MBBS is available in the health centre from 1.30 PM to 4.00PM on all working days.

There are two staff nurses and one laboratory technician appointed on permanent basis. The staff nurses attend to the patients who needs injections and dressing of wounds. The ECG recording is also done by the nurses as and when required.

The Health Centre laboratory is equipped with a Semi Auto Analyzer which is capable of conducting all Bio-Chemical tests.

The University National Service Scheme Campus unit in association with Hindustan Latex family planning Promotion Trust, Kerala State Aids Control Society and Blood Bank , Medical College organised a Blood Donation Camp at the health centre on 22-12-2011.

Thus all students, teachers and staff of the University utilizes the services of the centre.

## **DEPARTMENT OF STUDENT SERVICES**

The Department of Student Services renders meritorious service to the student community. The programmes of the Department are organized solely for the personality development of the students as well as the teachers. To make the students aware of the social evils like ragging, mobile phone menace etc. and to redress some of their mind-boggling problems, the department has been conducting counseling

programmes/seminars/workshop for students as well as teachers. Moreover students artistic and literary pursuit are exhibited through the Youth Festivals.

The details of the activities of the Department of Student Services are stated as follows:-

**Student Activities (University Union)**

The Department of Student Services has been invigorating the University Union for conducting various programmes especially seminars on anti-ragging, alcoholism in Campuses, mobile phone menace etc. for the welfare of the students community. The Department of Student Services and the University Union jointly conducted the Youth Festival at Ernakulam during 27-31 January 2011. Similarly the present University Union's (2010-11) activities were inaugurated on 20.07.2011. The University Union under the leadership of Sri.Jineesh George (Chairman) and Sri.Abdulla K.B. (General Secretary) conducted many significant programmes which were useful to the student community. The following programmes were conducted by the Unions during the year 2011.

1. M G University Youth Festival (Varnam'11) conducted at Ernakulam during 27-31 January 2011.
2. Film Fest
3. Women's Camp
4. Sahitya Camp
5. Nadankalasangamam
6. Keralapiravi celebrations
7. Editor's Camp
8. Media Camp

**All India Inter University Youth Festival (National)**

All India Inter University Youth Festival was held at Thirupati Sri.Venketaswara University during 18-21 January 2011. Our contingent had participated in four events and Sri.Harikrishnan of Sree Sankara College, Kalady won IIInd prize in Classical Vocal Solo.

**South Zone Inter University Youth Festival**

The South Zone Inter University Youth Festival was conducted at Satyabhama University, Chennai during 18-22 December 2011. Our University has won the prestigious overall runners-up trophy. Besides, the literary Trophy, first prize in Classical Instrumental

Solo (Percussion), Debate, Elocution, Mime and second prize in Mime, Classical Dance (Indian), On the Spot Painting, Spot Photography and third prize in Play(Theatre). On the whole the University contingent performed amazingly in the programme.

**Other Inter University Competition**

**(a) P.K.Rajan Memorial Essay Competition**

Kannur University has organized an annual essay competition in memory of its former Vice Chancellor Dr.P.K.Rajan. In the competition Ms.Ashly Thomas P., Alphonsa College, Pala, participated as a representative of our University.

**(b) Indian Science Congress**

The 99<sup>th</sup> Indian Science Congress 2012 was held at KIIT University, Bhubaneswar. Mr.George S. Varghese of FISAT participated from our side.

**Cash Award to Youth Festival winners**

The Department of Student Services organized Cash Award Function at Baselius College, Kottayam on 04.10.2011. Sri. Dr.Rajan Varghese, Pro Vice Chancellor of our University has distributed mementos and cash prizes to the students who had won prizes at the University Youth Festival (Varnam 2011), conducted at Ernakulam in 2011.

**Siksha Mandal National Inter University Competitions**

It was held at Wardha during 10-11 December 2011. Ms.V.R.Vachana of University won a second prize for presentation on the topic "A Gandhian of our time". Similarly she has also won a consolation prize in Elocution competitions.

**Indian Association of Parliamentarians on Population And Development**

IAPPD, New Delhi conducted a National Inter University Debate Competition during 11-12 November 2011 at Delhi. In advance the Department of Student Services had conducted an Inter collegiate Debating competition on Population & Environment at Mahatma Gandhi University Campus for selecting a team for the participation in the event. Consequently the best two debaters were selected for

participating in New Delhi. Moreover, the first three debaters were awarded cash prizes of Rs.3000/-, 2000/-, and 1500/- respectively by the Department of Student Services.

Ms. Vinshy Rosemary Saban of Assumption College, Changanasserry and Mr. Deepak R. Nair of Rajagiri School of Engineering & Technology, Kochi represented our University in the National Level Competition.

#### **Seminar/Workshop**

The Department of Student Services organized a workshop for student Magazine Editors' on 28<sup>th</sup> February 2011 at IMA House, Good Shepherd Road, Kottayam. Eminent personalities were attended to deliver their knowledge to the students community to develop their talent in this field.

#### **Anti-ragging Campaign**

The Director of Student Services has been appointed as the Nodal Officer (Anti-ragging) at University level in tune with the University Grants Commission regulations. Accordingly, a notification was issued by the Director of Student Services to the all affiliated colleges

coming under the jurisdiction of the University. For monitoring the menace of ragging in the educational institutions, an E-mail service was started in compliance with the UGC order. In general the Department of Student Services functioned as a facilitator.

#### **Financial Assistance to Colleges**

It was started in December 2011 for facilitating the colleges for conducting seminars/workshop on career guidance, women empowerment, soft skill development, counseling programmes, anti-ragging measures, menace of drug and alcoholism in campuses etc. The Department of Student Services has been receiving a large number of proposals from colleges for this purpose for the last few months.

## **UNIVERSITY EMPLOYMENT INFORMATION AND GUIDANCE BUREAU**

The University Employment Information and Guidance Bureau, functioning with the assistance of Mahatma Gandhi University in the University Campus, commenced its activities in May 1990. The functions of the Guidance Bureau is monitored by an Advisory Committee under the Chairmanship of the Hon'ble Vice Chancellor. The Advisory Committee consists of 11 members including the Vice Chancellor. The 1<sup>st</sup> meeting of the Advisory Committee was held on 3<sup>rd</sup> 1997 and the last meeting on 27<sup>th</sup> June 2011.

The Bureau has a Chief, a Deputy Chief, two Clerks and a Peon. Dr. Dr. T.V Thulasidharan, Professor, School of Pedagogical Science is the Chief and took over the charge from 13.12.2010. Sri. S. S. Jayachandran was the Deputy Chief up to 07.06.2011 and Sri. K.M Baby was the Deputy Chief thereafter. The Deputy Chief, Clerk and Peon are State Government Employees. The Chief is appointed by the University who is a member of any statutory department.

#### **The functions/ objectives of the Bureau**

- To collect and disseminate Career Information.
- To highlight opportunities for higher studies.
- To disseminate information on scholarship, fellowships, financial assistance, available in India and abroad.
- To render vocational guidance to students.
- To assist students for securing employment.
- To give information on various competitive examination.
- To conduct career guidance classes, seminars and career talks and give guidance on group discussions to equip students for better performance and personality development.
- To register Post graduate degree holders in general stream and Professional degree holders for employment assistance.

- To prepare Employment Information Bulletin to help students in their Educational and Vocational Planning.

Individual guidance is given to the candidates to choose professional courses and jobs by evaluating the talents, interest, skill, aptitude, family background etc. Another major function of the Bureau is to conduct coaching classes for the competitive examination conducting at the state and national levels. We give awareness to the trends and techniques resorted in the examinations to evaluate student's intelligence restored in the examinations to evaluate student's intelligence, problem solving capacity, knowledge of the subject etc. The Bureau conducts coaching classes to prepare the students belonging to Minority Community for the UGC/CSIR NET examinations (with the financial assistance of the UGC). Bureau also conducts coaching programmes for the different examination conducted by the various recruiting agencies like Public Service Commission, Banks, Staff Selection Commission etc. Admission to above courses are often limited to 40 students.

Another work of the Bureau is to equip the candidates to face various type of interviews. Discussions and mock interviews help them to project their communication skill development, intellectual development, professional development, social skill development etc.

Bureau conducts one day Career Seminar in colleges to create awareness among the students on career opportunities and skill development. Seminar would focus mainly on career trends in India and abroad, opportunities for higher studies, how to face an interview and also on Personality development. Eminent resource persons are invited for the purpose.

Deputy Chief visits at least three colleges under the jurisdiction of the University as well as 2 Town Employment Exchanges, a Juvenile Home and an ITI every month for delivering career talks. Career talk mainly focus on employment trends, competitive examination, interview techniques, job oriented courses etc.

Professionally qualified persons can register their names with this bureau for their better prospects.

The Bureau has a functional library and at present it has 566 books and other study materials. Publications like The Hindu, Kerala Gazette, Employment News, PSC Bulletin, Tozhil Vartha, Thozhil Veedhi, University News of AIU, Competitive Success Review etc are currently subscribed and are readily made available for the reference to the visitors.

### **The activities of the Bureau during 2011**

- **Coaching Programmes.**

The Employment Information and Guidance Bureau conducted five coaching programmes during the year.

Sl no	Name of the Coaching Programme	Date of Commencement and Date of Conclusion	No. of Participants	Remarks
1	Civil Service Examination	09.10.2010-April 2011	29	

2	Bank Test Coaching Programme	01.01.2011– 20.02.2011	–	22	
3	L.D Clerk Coaching Programme	26.02.2011 15.05.2011	–	39	
4.	UGC NET Coaching Programme (General Paper)	27.04.2011 16.05.2011	–	33	Conducted using UGC fund for Minority, SC/ST and OBC students
5	CSIR NET General Paper	02.05.2011 17.05.2011	–	38	“
6	UGC NET coaching Programme ( General Paper)	17.05.2011 18.06.2011	–	30	“
7	Coaching programme for UGC NET – Commerce Paper II & III	19.05.2011 18.06.2011	–	24	“
8.	Coaching programme for UGC NET – English Paper II & III	21.05.2011 02.06.2011	–	11	“
9.	Coaching programme for CSIR NET – Physics	23.05.2011 10.06.2011	–	17	“
10.	Coaching programme for CSIR NET – Life Science	18.05.2011 31.05.2011	–	19	“
11.	Coaching programme for SET Examination – General Paper	30.07.2011- 07.09.2011		45	“

12.	UGC NET Coaching Programme (General Paper)	21.08.2011 02.10.2011	–	72	Conducted using UGC fund for Minority, SC/ST and OBC students
13.	CSIR NET General Paper	20.08.2011 08.10.2011	–	31	“
14.	Coaching programme for UGC NET – Commerce Paper II & III	15.10.2011 08.12.2011	–	32	“
15	Coaching programme for UGC NET – English Paper II & III	15.10.2011 05.12.2011	–	23	“
16..	Coaching programme for CSIR NET – Life Science	22.10.2011 05.12.2011	–	15	“
17.	Bank Test Coaching Programme	03.10.2011 18.11.2011	–	62	“
18.	Coaching Programme for Various Competitive Examinations	28.11.2011 28.12.2011	-	33	“

**Career Seminars**

The Guidance Bureau conducted a series of Career Seminars in various colleges under the jurisdiction of the University during 2011. The purpose of such seminars was to train and equip the students to perform better in job interviews and also for their overall personality development. An amount of Rs 50,000/- was sanctioned from the University for conducting the seminar. The Bureau conducted such seminars in affiliated colleges and one in the University campus. The seminars were conducted giving priority to colleges situated in rural areas.

Sl no	Name of the College	Date	No. of Participants	Resource Person
1	Govt. College, Thrippunithura	12.01.2011	99	Sri. Sunil D Kuruvilla
2	St. Thomas College, Kozhencherry	19.01.2011	147	Sri. Sunil.D.Kuruvilla
3	B.P.C College, Piravom	09.02.2011	99	Prof. Thomas Lazar
4	B.K College, Amalagiri	17.02.2011	78	Sri. Sunil.D.Kuruvilla
5	Maharajas College, Ernakulam	08.12.2011	235	Dr. P.R Venkittakaman
6	Govt. College, Kottayam	13.12.2011	78	Dr. James Vadukkumcherry
7	Govt. Sanskrit College, Thrippunithura	21.12.2011	55	Dr. P.R Venkittaraman
8	Govt. College, Manimalakunnu	22.12.2011	58	Dr. Civy V Pulayath

**Career Talk**

The Deputy Chief delivered 32 career talks during this year and 2346 students got benefited by the programme.

**Group Discussion.**

The Deputy Chief conducted 29 group discussions during the year and 160 students got benefited by the programme.

**Individual Guidance**

The Deputy Chief gave individual guidance to 146 students during this year.

**Information Bulletin.**

The Guidance Bureau published Employment Information Bulletin with details of various new generation courses, career opportunities, examinations conducted by various recruiting agencies etc. The Bureau published 11 Information Bulletin during this year.

## ENGINEERING UNIT

I am forwarding herewith the details of works undertaken by the Engineering Unit for the year 2011 for inclusion in the annual report 2011 of the University  
During the year 2011 the following works were undertaken:

1. Construction of new Men's Hostel in the Campus. The total amount of contract is Rs.1,40,60,354/- The plinth area is 1261.00m<sup>2</sup> and the date of proposed for completion of the work is 21.05.2012.
2. Construction of subsequent floors of School of Management and Business Studies – II Phase (1<sup>st</sup> Floor) The total amount of contract is Rs.1,05,34,987/- and the date proposed for completion is 4.02.2012 and the plinth area is 1290.5m<sup>2</sup>
3. Construction of the second floor of School of Pure and Applied Physics under UGC-XI<sup>th</sup> plan General Development Assistance. The total amount of contract is Rs.36,03,449/- The plinth area is 278.69 m<sup>2</sup> and the date proposed for completion is 23.05.2012.
4. Extension of Library Building under G.U.G.C. XI<sup>th</sup> plan General Development Assistance. The total amount of contract is Rs. 64,34,562/- The plinth area is 333.6 m<sup>2</sup> and the date proposed for completion is 23.09.2012

### **INBOFA - 2012 – AN ACADEMIC CARNIVAL CONDUCTED BY MAHATMA GANDHI UNIVERSITY**

The first International Book Fair (INBOFA-2012) organized by Mahatma Gandhi University was conducted during January 13 – 23, 2012. Conceived primarily as an academic carnival rather than a mere exhibition of books, the Fair provided opportunities for serious readers, writers, research scholars, teachers, students, publishers and the general public to meet and interact on issues concerning reading and writing. In a sense the Fair was a festival of letters that took the readers to the world of scholarship and shown the fascinating ways of the production, circulation and consumption of knowledge.

The Fair was conceived as a national corollary of a plethora of academic and administrative reforms introduced by the University in the last three years. With the introduction of the Choice Based Credit Semester and Grading System at the undergraduate level and semester pattern at the post graduate level, it had become necessary to enhance the quantity and quality of the collection of resources in the libraries in the University and Colleges. The 11 day programmes included Seminars, Theme-discussions, Book releasing sessions and Cultural programmes.

As many as 26 Theme Discussions, 11 Seminars and more than 10 cultural programmes of high standard were organized during the 11 days of the Fair. The Topics of Theme Discussions covered areas such as (1) Nano Science (2) Energy Studies (3) Media Studies (4) Sustainable Development (5) Reading, Writing, Publishing and Information (6) Future of Publishing (7) Recent Trends in Acoustics (8) Counseling (9) Role of Biotechnology on herbal product development (10) Literature and Culture (English) (11) Information literacy skills : competency of the 21<sup>st</sup> century (12) Green Computing (13) Medicine : Critical care in Paediatrics (14) Medicine : Neonatology (15) Photonics (16) Of rights and Wrongs : A spectacle that meets the academic eye (17) Social Movements (18) Literature and Culture (Malayalam) (19) Astrophysics (20) Tourism (21) Trans theories, post-humanism and the challenge to feminist and queer theory (22) Green Chemistry (23) Green Composites (24) Green Polymer Synthesis (25) Plant molecular biology and (26) Interventions of Gandhi Peace Foundation in the sphere of Peace Education.

The Topics of Seminars included (1) Second International Conference on Nanomaterials ; Synthesis, characterization and applications (School of Chemical Sciences) (2) Seminar on Financing of

Higher Education (3) Conference on Computing Paradigm and Bio-informatics (School of Computer Sciences) (4) National Workshop on Science Information Literacy & Scholarly Writing (School of Environmental Sciences) (5) National Seminar on Advanced Materials (School of Pure and Applied Physics) (6) National Seminar on Life Style and Diseases (School of Biosciences), (7) Three Day ICHR National Seminar on New History (School of social Sciences) (8) User Awareness Programme on N-LIST Consortium (School of Chemical Sciences)(9) National Seminar on Sustainable Development : Recent Trends in Meeting the Challenges (School of Environmental Sciences) (10) Cultural Session of Kannassa Chair. The Seminars were supported by agencies like KSCSTE, ICHR, Directorate of Environment and Climate, DST etc.

Cultural Programmes conducted as part of the Fair included the sterling pertains of renowned artists and stars such as (1) Thayampaka by Sri. Kalpathi Balakrishnan (2) Nangiarkoothu by Smt. Kapila Venu (3) Variety programmes by Prize winners of University Youth Festivals for two days (4) Kathakali – Lecture Demonstration by Sri. Ettumanoor Kannan, (5) Karnatic Violin Concert by Sri. N. Baiju and L. Sajikumar (6) Mohiniyattom by Smt. Methil Devika (7) Nizhalaayanam – Drama – by Sopanam, Thiruvananthapuram, (8) Variety Cultural Events of Mahatma Gandhi University Department Students' Union and (9) Bharathanatyam Duet by Smt. Aswathi Srikanth & Sri. Srikanth.

The fair brought the academic community and the publishing industry face-to-face, enabling the academia to acquire state-of-the-art publications of their choice. Five New books were released in the Fair. They are “Chuvanna Sooryante Ormma” of Dr. K.N. Paniker, “Dalit Writing in Malayalam” edited by Dr. M. Dasan, Dr. Pradeepan Pampirikunnu, Smt. G.s. Jayasree and Smt. C.S. Chandrika, “Bhavanayute charithraavartham : MalayaaLa kathhayuTe kaalaavasthhakaL” of Dr. P.S. Radhakrishnan, “Miththum samUhavum” of Dr. Rajan Gurukkal P.M. and Dr. M.R. Raghava Warrior and “CilabiL” edited by Dr. M.B. Manoj and Binu Sachivothamapuram

Eminent Writers like Sethu, Anand, Sarah Joseph, Kavalam Narayana Panicker, K.P. Ramanunni, Puthussery Ramachandran etc., lead various reading sessions and talks, interactions related to their works. Poets like Anvar Ali, P.P. Ramachandran, S. Joseph, Muse Mary George etc. have participated in the Poetry reading sessions. Saradakutty, C.S. Chandrika, and K. Rekha led the session on Feminist Story Writing. P.T. Kunjumuhammed, Blessy and P. Balachandran discussed the main aspects of their Cinema. The Theme discussion on Media was led by Dr. Sebastian Paul, Parvathi Devi and Paul Manalil. Programmes for the school students like Reading competition, Painting competition, Essay writing competition etc. were also organized. Interactive session with students were led by Smt. Mini Antony IAS, Prof. S. Sivadas, Prof P. Balachandran and Dr. Rajan Gurukkal

A host of writers, Scientists and Scholars of national and international repute have participated in various sessions. They include Prof. CNR Rao, Prof. Romila Thapper, Prof. Kunal Chakravarthy, Basudev Chatterji, Prof. Balamohan Thampi, former Ambassador T.P. Sreenivasan, Dr. B. Ekbal, Prof.M.K. Prasad, Ravi D.C., Prof. V.N. Rajasekharan Pillai, C.P. Girijavallabhan, Usha Ramamoorthi, Dr. Caroline Osella, Dr. Jane, Knight Mr. T.M. Monoharan etc. Erudite Programmes – Scholar in residence – facilitated the visit of several eminent scholars in the Fair.

53 Publishers participated in the Book Fair. They included the leading publishers like Oxford University Press, Cambridge University Press, Pearson Education, Elsevier, Sage Publications, Prince Hall, Atlantic, Orient Blackswan, Viva, Vikas, Tata Mc Growhill, Siniyege Learning, B.I. Publications, Taylor And Francis, State University Press of Newyork, Harvard University, M.I.T. Press, Yel University Press. The fair arouse wide spread enthusiasm among students and teachers of affiliated colleges.

The Fair was witnessed the active participation of the students and teachers of University and Colleges. Around 50,000 people visited the venue of the fair.

The Government of Kerala also extended its full support for the successful conduct of the fair. Orders were issued by the Government permitting all the Aided / Government Colleges as well as Government Polytechnics / Technical Colleges to purchase maximum books from the International Fair. Government also permitted the Principals of the affiliated colleges to use the amount accumulated in the PD Account, for effecting the purchase of books.

Various University Centres / Schools / Departments worked in tandem for the smooth conduct of the Seminars, with deft planning of programmes during the period of the Fair. State Bank of



Travancore was the Principal Sponsor of INBOFA, 2012. As a whole it was a different experience as far as the academic community is concerned.

**ANNUAL REPORT OF THE ANTI-HARASSMENT CELL OF THE UNIVERSITY 1<sup>ST</sup>**  
**JANUARY TO DECEMBER 2011**

The committee for Anti-harassment met three times during the year 2011.

No harassment cases were reported in the year. One day workshop was conducted for the selected teachers of the affiliated colleges of M.G. University. Seventy teachers working among the girl students of their respective colleges attended the workshop. Experts from various fields related to women empowerment handled various sessions. Legal rights of women and laws related to Sexual harassment at work place was the focal theme of the workshop.

## KOTTAYAM ARTS AND SCIENCE COLLEGE (AIDED)

### ASSUMPTION COLLEGE, CHANGANACHERRY

1. **Name of the College :** Assumption College, Changanacherry  
Email: [ac@assumptioncollege.in](mailto:ac@assumptioncollege.in)  
Website: [www.assumptioncollege.in](http://www.assumptioncollege.in)
2. **Name of the Principal :** Dr. Sr. Rosamma Mathew

3. **Staff Profile:**

Staff		Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Permanent	2	62	Nil	Nil	64
	Guest	Nil	53	Nil	Nil	53
Non Teaching		9	35	Nil	Nil	44

4. **Course offered with number seats**

Under Graduate	Number of seats		Post Graduate	Number of seats		M Phi I	Number of Seats		Ph.D	Number of Seats	
	M	W		M	W		M	W		M	W
<b>BA:</b> English Language & literature	NA	40	<b>MA:</b> English	NA	30	NA	NA	NA	History		2
Communicative English	NA	30	History	NA	15	NA	NA	NA			
Malayalam	NA	25	MSW	NA	30	NA	NA	NA			
History	NA	60	MSc. Physics	NA	12						

Economics	NA	60	MSc Comp.Sc.	NA	25						
Museology & Archaeology	NA	30	MSc. FSMD	NA	20						
<b>BCom</b>	NA	60		NA							
<b>BSc.</b> Computer Science	NA	24		NA							
Mathematics	NA	60		NA							
Physics	NA	40		NA							
Chemistry	NA	40		NA							
Botany	NA	40		NA							
Zoology	NA	40		NA							
Zoology Model II	NA	16		NA							
Home Science	NA	36		NA							
BFT	NA	30		NA							

#### 5. Student Intake (Women Only)

Under Graduate	Appear ed	Pass ed	Post Graduate	App eare d	Pass ed	M Phil	App eare d	Pass ed	Ph. D	App eare d	Pass ed
<b>BA:</b> English Language & literature	45	41	<b>MA:</b> English	19	16	NA					
Communicative English	30	30	History	10	7	NA					
Malayalam	28	28	MSW	13	8	NA					
History	56	47	MSc. Physics	13	6						
Economics	52	50	Comp.Sc.	18	18						
Museology & Archaeology	8	8	MSc. FSMD	13	11						
<b>BCom</b>	67	62									
<b>BSc.</b> Computer Science	31	27									
Mathematics	58	51									
Physics	27	22									
Chemistry	31	24									
Botany	23	20									
Zoology	21	21									
Zoology Model II	7	7									
Home Science	15	12									
BFT	24	23									

**6. Details of tests cleared by students (if any)**

Sl.No	National Level	State level
1	UGC-CSIR NET- 15	

**7. Library**

- a. Total Number of Books : 61371
- b. Total number of Journals : 173
- c. Total number of periodicals : 76
- d. Additions during the period : 563

**8. Grants Received from**

- a. State Government : Rs. 20.76 lakhs
- b. Central Government : Nil
- c. University Grant Commission : Rs. 43.95 lakhs
- d. Others – Specify : Nil

**9. Projects under taken**

**a. UGC Major Project**

Dr. Sr. Rosamma Mathew, P G Dept of History: *“Struggle for women right and liberation in Kerala from 1900 – 1947”*. Period ; 2009-2012

**b. UGC Minor Project**

- Dr Jikcey Issac, Dept of Mathematics: *“An Approximation Confidence Regions in Calibration Model: Measurement of Marathon Running Courses”* Period 2011-12.
- Dr Reethamma O V & Ms Valsala Joseph, Dept of Zoology:
- “Histopathological Studies on selected Teleost Fishes exposed to selected pesticides in paddy fields in the lower Kuttanad area” Period 2012-13
- Ms. Manjulin Jacob & Dr. Sr. Mercy Nedumpuram, Dept of Home Science & Botany; ‘Empowerment of women through income generating tailoring and surface embellishment techniques’ Period: 2010-11
- Sr Thresiamma Devasia, Dept of Computer Science, “Automatic Early Stage Symptom Detection for Glaucoma Infected Patients Using Image Processing Techniques” Period: 2011-12

**10. Seminars Conducted :**

**a. State Level :**

- P G Department of **Physics** organized a State level workshop on “Experimental Physics” sponsored by Indian Association of Physics Teachers (IAPT) from 7-9 March 2011
- P G Department of **Physics** organized a State level workshop on “Methodology of Sciences” sponsored by The Kerala State Higher Education Council and Mahatma Gandhi University, Kottayam on 25 & 26 August 2011
- Dept of **Mathematics** conducted “Mathematics Advancement Programme for Schools” on 20 January 2011 and 30 September 2011 for Higher Secondary Students
- Department of **Economics** organized a State level workshop on “Methodology of Social Sciences” sponsored by The Kerala State Higher Education Council and Mahatma Gandhi University, Kottayam in August 23-24, 2011
- Department of **Chemistry** celebrated International year of Chemistry in September 2011 by organizing two seminars

**National Level:**

- Dept of History-National Seminar in association with Museums Association of India-Museum; A Centre of Education- Dec 28-30, 2011.

- Dept of Computer Science-UGC sponsored National Workshop on SPSS July14-16, 2011

### 11. Seminars Conducted by Faculty (Name wise –with details)- Nil

### 12. Publications by the Faculty

Name of author	Title of the Paper	Journal details
Dr Regimol C Cherian, PG Dept of Physics	Studies on the Effect of Substrate Temperature on the Optical and Electrical Properties of Silicon Phthalocyanine Dichloride Thin films	<b>International Journal: AIP Proceedings Vol. 1391, 767 (2011),</b>
Dr Jikcey Issac Dept of Mathematics	An Approximation confidence regions in Calibration model: Measurement of Marathon running courses	<b>Journal of Statistical Methods in Interdisciplinary Studies,pp 105-114(2011)</b>
Dr. Marina Aloysius P.G Dept of Physics	Role of dynamics in the advection of aerosols over the Arabian Sea along the west coast of peninsular India during pre-monsoon season: A case study based on satellite data and regional climate model	<b>Journal of Earth system science Vol.120, No.2,269-279, 2011</b>

### 13. Research Highlights of Faculty/Scholars

- Ms Lilly Joseph was awarded M Phil Degree in Physics from MG University
- Sr Margaret Maria Jose (dept of Malayalam) completed Ph D in “Intellectual Contributions of Chevaliar I C Chacko”
- Ms Rani Maria Thomas(Economics) completed Ph D in “ Competitiveness in Indian Industries- A study of Small and Medium Enterprises”

#### Pursuing Research

##### Dept of History

- Ms Mariamma Jacob- “Institutional Initiatives for Socio Economic Development; A Study of Environmental Challenges in Kerala with Special Reference to Allepey”
- Fr Thomas Parathara- “Ageing Issues of Senior Citizens- the Remedial Measures taken by Changanassery Archdiocese through Old Age Homes”
- Ms Loona C- “Political Socialisation of Women and their Role in Panchayati Raj Institution with Special Reference to Palakkad Taluk”

### 14. Academic Achievements

- 1. Dr Regimol C Cherian of P G Department of Physics** was selected as reviewer for international journal Elsevier’s *Journal of Applied Surface Science*
- 2. Ms. Whiny Gopi of the department of History** was awarded the Best Paper Presentation Award in the National Seminar, “New Faces of Woman Empowerment” conducted by Vimala College, Thrissur on 13 and 14 January, 2011
3. Botany Department published textbook for V Semester Open Course – Agribased Microenterprises and for VI Semester Core Course- Environmental Studies and Ecotourism Part I & II for B Sc Botany
- 4. Ms Anitha Jose-(Dept of Zoology)-** Co-author of text book on “Evolution, Zoogeography & Ethology- The Fundamentals” – published by ‘Green Leaf Publications – ISBN.978-81-920269-6-1’
- 5. Co-author-text book for Open course (M G University) on “Public Health, Nutrition & Human Genetics The Fundamentals” – published by ‘Green Leaf Publications – ISBN.978-81-920269-7-8’**

6. **Dr Reethamma O V (Dept of Zoology)** contributed to Text Book on “Cell Biology, Genetics, Molecular Biology & Biotechnology” – Published by the Zoological Society of Kerala - Co-author of Text Book on “Genetics and Biotechnology” – In Press

#### 15. Students Achievements - Academic

##### 12 University ranks

<b>B A English Literature</b>	First
<b>B A Economics</b>	Third
<b>B A Communicative English</b>	First
	Second
	Third
<b>B Sc Fashion Technology</b>	First
	Second
	Third
<b>B A Museology and Archaeology</b>	First
<b>B Sc Chemistry</b>	First
<b>B Sc Zoology Model II</b>	Third
<b>M Sc Computer Science</b>	Second

- Geethu R Nair(Economics)- III in paper presentation Competition on Sustainable Development and Environment held at Delhi.
- Our team of Fashion Technology students won First in Fashion Sketching, First in Face Painting and Second in Paper Presentation at the National Level Technical Symposia, *Fashionation 2011* at NIFT TEA College of Knitwear Fashions, Tirupur, in September 2011.

#### 16. Students Activities/ Achievements – (Extra Curricular)

##### a. National Cadet Crops

Of the 95 cadets, 17 are B certificate holders and 9 are C certificate holders. Three of our students attended National Integration Camp and 37 attended annual training camp from 23 Dec 2010 to Jan 2, 2011. Five of our students attended Thal Sainik Camp from 18-27 Sept 2011 at New Delhi  
Aleena Johnson (IDC Physics) was selected to attend the RD parade at New Delhi in January 2012

##### b. National Service Scheme

The NSS Unit of the college won the University award for one of the **Best NSS Units** of the University.

The Principal was awarded the **Best Principal Award** for NSS activities,

Ms Whyni Gopi (Dept of History) the **Best Programme Officer Award** and

Ms Rachna Renukumar (III BA Communicative English) the **Best Volunteer Award**.  
3 students participated in the NSS National Integration Camp held in Manipur in May 2011

Tissa Job (II B Com) participated in the National Camp for NSS volunteers at Wayanad in November 2011.

##### c. Arts Festivals

The College team won III prize and A grade in Mime at MG University Youth Festival  
Liz Johny and Vinshy Saban (English)- First in Intercollegiate Debate conducted by MG university-Oct 2011

Liz Johny-First in Interuniversity South Zone Debate 2011

Vinshy Rosemary Saban participated in National Debate Competition organised by IAPPD, New Delhi, Oct 2011. Won first in Debate and Elocution at South Zone Youth Festival at Satyabhama College, Chennai, Dec 2011

##### d. Sports & Games

### **Volley ball**

1. Winners in Rev Sr Teresa Mary Memorial All Kerala 17<sup>th</sup> intercollegiate Tournament organized by Assumption College, August 2011
2. Winners in MG University Intercollegiate volley ball Tournament Sept2011
3. Runners up in Kerala state senior Volleyball tournament. Six students represented the M G University **Volley ball team** and secured 2<sup>nd</sup> position in the south west zone All India Inter university competition
4. Anamol Philip and Fatima Ruksana E M were selected to the Kerala state senior volley ball team.

### **Basketball**

1. Winners -Golden Jubilee Memorial 11<sup>th</sup> All Kerala Intercollegiate Tournament organized by Assumption College, Changanacherry August 2011.
2. Reshma Rajendran, our basketball player was the member of the Kerala State Junior Basket ball team which won Junior National Basket ball championship.
3. Our students who represented MG University Basket ball team which won third place in South west Zone All India Inter University Basket ball tournament were:
  1. Anju Mohanan
  2. Anila Augustine
  3. Stephy Nixon
  4. Sona M saji
  5. Tilna C Kommatom
  6. Kavitha K
  7. Athira M
  8. Stephy Nixon and Athira M were members of the Kerala state senior Basket ball team for senior Nationals.

### **Athletics**

Our students who emerged winners in Mahatma Gandhi University Inter collegiate Athletic Meet in October 2011

1. Manju k -100 meter 1<sup>st</sup>, 200 meter 2<sup>nd</sup> prize, 4\*100meter -2<sup>nd</sup>
2. Rintu Mathew -100 2<sup>nd</sup>, T J 3<sup>rd</sup>, 4\*100 Mtr 1<sup>st</sup> prize
3. Sindhyamol C S – 200 1<sup>st</sup> prize ,400 1<sup>st</sup>, 4\*400 Mtr 1<sup>st</sup>
4. Sinsha C V – 400-3<sup>rd</sup>, 4\*400 Mtr 1<sup>st</sup> prize
5. Jomy Jose – 800 -2<sup>nd</sup>, 4\*400 Mtr 1<sup>st</sup> prize, 1500 Mtr 2<sup>nd</sup> prize
6. Asmabeevi M A- 800- 3<sup>rd</sup> prize, 4\*100 Mtr 1<sup>st</sup> prize
7. Desty Sunny- 5000 2<sup>bd</sup> prize
8. Resna N M -10000- 1<sup>st</sup> prize, Marathon 2<sup>nd</sup>
9. Renuka P -5 KMW 2<sup>nd</sup>
10. Anjali K P – 5 KMW 3<sup>rd</sup> Prize
11. Lijitha V Thomas -100 MH 1<sup>st</sup> prize
12. Jyothi Krishna – 100 MH 2<sup>nd</sup>, 4\*100 Mtr 1<sup>st</sup>
13. Noyal Surendran- 400MH 1<sup>st</sup> prize
14. Neethumol Bose – L, J 1<sup>st</sup> Prize, 4\*100 -1 st prize
15. Julim Cletus- L, J 2<sup>nd</sup>
16. Anju Beny- PV 2<sup>nd</sup> prize
17. Asha P J – Sp 1<sup>st</sup> prize, Heptagon 2<sup>nd</sup> prize
18. Soumya Jacob- Heptagon 2<sup>nd</sup> prize
19. Toniya Chacko- SP 3<sup>rd</sup> prize, Disc throw - 3<sup>rd</sup> prize
20. Reshma Raveendran- J T 2<sup>nd</sup> prize
21. Priya c c –JT 3<sup>rd</sup> prize
22. Anu Mary Thomas –HT 3<sup>rd</sup> prize
23. Shamna Muhammad won first in 4\*100m relay in the Senior National Athletic Meet Third in 4\*100M relay in the open National Athletic Meet.
24. Sindhyamol C S won first in 4\*400 m Relay in the Open National Athletic meet.
25. Three students won GOLD in All India Interuniversity Cross Country Race:

26. Destiny Sunny
27. Resna N M
28. Asmabeevi M A
29. Neethu Mol Bose won Gold in Long Jump
30. Neethumol Bose, Manju k, Rintu T Sebastian won Silver in 4\*10 M Relay in the All India Inter University Athletic Meet.
31. Jomy Jose and Sinsha K won the silver in 4 \*400 M Relay in the All Indian Inter University Athletic Meet.

Six students won second in MG University Inter colligate Cross country and second in Senior State Cross Country Championship

- i) Jomy Jose
- ii) Desty Sunny
- iii) Asmabeevi MA
- iv) Resna N M
- v) Ambili K S
- vi) Alphonsa Varghese
32. In Junior State Athletic Meet Alphonsa Varghese came 2<sup>nd</sup> in Steeple Chase
33. Priya C C and Reshma Raveendran came 2<sup>nd</sup> and 3<sup>rd</sup> in Javelin Throw (JT) in the Junior State athletic Meet.

Seven students represented the Kerala State Athletic team for the Open National Athletic Meet. They were:

- i) Sindhyamol C S
- ii) Shamna Muhammad
- iii) Asha P J
- iv) Renuka p
- v) Jyothikrishna
- vi) Desty Sunny
- vii) Asmabeevi M A
34. Resna N M, Asmabeevi M A and Desty Sumy participated in the MG University Cross Country Race  
The Team won the First Place in Cross Country Raceheld at M D Universty Rothak on 2 nd October 2011

#### 17. Industry Varsity Linkage

- Tata Tea Ltd
- Changanacherry Social Service Society
- NIFT-TEA, Tirupur

#### 18. Academic Tie-Ups (if any)

MSW Dept: Adelphi University, New York(Exchange Programme and Conduct of International Seminar), Kerala State AIDS Control Society  
History Dept: Museum Association of India, ICHR, KCHR, CHS, ASI, Directorate of Archeology, Govt of Kerala, Institute for Research in Social Sciences and Humanities. BA Museology and Archaeology students participated in the excavation conducted at Pattanam under the initiative of KCHR and Dept of Archaeology, Govt of Kerala  
Malayalam Dept: Folklore Academy, Kannur.

#### 19. Student Progression (Brief about the past students).

#### 20. Campus Recruitment (if any)

SI No.	Name of Firm	No of Students Attended	No. of Students Selected
1	HCL	20	3
2	Radio Mango	25	3

3	Diaceri Technologies	24	Results to come
4.	UST Global	15	1

a. Number of Ph D's Produced if your college if an approved Research Centre : Nil

b. Research Scholars registered in the college, if your college is an approved Research Centre

Sl No	Name of Research Scholar	Title	Name of Guide
	Raji Sebastian	Bhakti Movement in Medieval Kerala	Dr Sr Rosamma Mathew
	Sheena Thomson	The Struggle for Women's Rights and Liberation in Kerala (1900-1947)	Dr Sr Rosamma Mathew
	Sanjay C. T.	History of Migration and Social Changes : A Study of Two Districts of Kerala	Dr Rosamma Mathew

### 23. List of Research Guides in your College.

History Research Centre, Assumption College, Changanacherry

1. Dr Sr Rosamma Mathew
2. Dr Sheela Irin Jayanthi J
3. Dr Rosamma Mathew ( Dept of History, K E College, Mannanam)
4. Dr T M Mathew (Dept of History, K E College, Mannanam)
5. Rev. Dr James John (Dept of History, St Thomas College, Pala)
6. Dr Reethamma O V - Zoology Research Centre of S B College, Changanacherry
7. Dr I'ma Neerackal- Botany Research Centre of S B College, Changanacherry

## B.C. M. College, Kottayam

1. Name of the College : B.C. M. College, Kottayam  
(with e-mail and website) : [bcmktm@yahoo.com](mailto:bcmktm@yahoo.com)  
bcmcollege.org

2. Name of the Principal : Dr. Sr. Karuna

### 3. Staff Profile

	Men	Women	Schedule d Caste	Schedule d Tribe	Total
Teaching	6	40	-	-	46
Non Teaching	5	22	-	-	27

### 4. Courses Offered with Number of Seats

Under Graduate	Number of Seats		Post Graduate	Number of seats	
	Men	Women		Men	Women
Maths.		26	Maths.		25
Physics		24			
Chemistry		29			
Botany		36			
Zoology		34			
FACS		16			
History		47			
Economics		47			
Sociology		36			



Literature Model I		52			
Literature Model II		24			
B.Com		67			

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women									
Under Graduate	Appeard		Passed		Post Graduate	Appeard		Passed	
	M	W	M	W		M	W	M	W
Maths.		35		29	Maths		20		11
Physics		37		20					
Chemistry		30		23					
Botany		23		20					
Zoology		27		21					
FACS		15		15					
History		42		30					
Economics		46		39					
Sociology		29		29					
Literature Model I		35		35					
Literature Model II		18		18					
B.Com		56		42					

6. Details of Tests cleared by Students : Nil

### 7. Library

- (a) Total Number of Books : 46298  
 (b) Total Number of Journals : 24  
 (c) Total Number of Periodicals : 53  
 (d) Number of titles added during the year : 200

### 8. Grants Received Form

- (a) State Government : 16,89,680/-  
 (b) Central Government :  
 (c) University Grant Commission : 82,00,000/-  
 (d) Others – Specify :

### 9. Project Undertaken

**English:-** Minor Projects awarded to 4 teachers.

**Maths:-** Financial assistance of the 1,40,000 is sanctioned by UGC for conducting a Minor Project to Dr. Magi John, Department of Chemistry.

**Physics:-** UGC – Minor Research Project-Smt. Smitha Joseph

**Botany:-** Dr. Peter K. Mani- Eco friendly waste-management in & Around Kottayam District with special emphasis to selected organic domestic wastes, Plastics & Rainwater.

### 10. Seminars Conducted

#### (a) State Level:-

- Two day UGC sponsored seminar on “Energy and environment studies” for college teachers.
- Two day UGC sponsored seminar on “Recent developments in the fields of microbiology, cancer biology and epidemiology”

- Three day UGC sponsored seminar on SPSS
  - Seminar on E-waste, cloud computing, ASP, PHP
  - Seminar on vermin composting.
  - Seminar on Research Methodology
  - The Centre for Gandhian Studies conducted a one day seminar on 'Ensuring service excellence through Gandhian Principles' for the Non teaching staff members of B.C.M. College and St. Stephen's College, Uzhavoor. The Centre also conducted a personality development programme for the class prefects and association representative of the college.
  - Sr. Savio Memorial Intercollegiate Elocution competition conducted by the staff association.
  - Sr. Michael debate competition.
  - Sr. Alphonsa cookery contest.
  - Madam Remya Tharayil quiz competition.
  - Organized seminars/workshops and programmes in association with outside organizations:
  - Organized international day for the elderly (Safalam Sayahnam) in association with 'Smile India-Pakalveedu.
  - Organized nutrition education class for adolescents at St. Mary's Higher Secondary School, Kidangoor.
  - Organized three day all Kerala social work students' meet (Rendezvous Samanwaya Sangamam 2011) in association with Indian Council of Social Welfare (ICSW) and Association of Schools of Social Work in Kerala (ASSK).
  - Organized two days workshop on personality development based on 'Theme Centred Interaction' in association with Ruth Cohn Institute (India). The programme was attended by 450 people of which 375 people were from community.
  - Organized a workshop on religious freedom in association with 'International Association for Religious Freedom'.
  - Organized various programmes on AIDS day in association with 'Asha Kiran', a home for rehabilitation of AIDS affected.
  - An awareness programme on Handloom Mark Scheme in association with the Government of India Ministry of Textiles on 27<sup>th</sup> Feb. 2012.
  - As part of the clean Kerala Project students from our college associated with the Kottayam Municipality to clean various parts of the Municipal area.
- b) National Level  
c) International Level

#### **11. Seminars Conducted by Faculty (Name wise-with details)**

- (a) State Level:- Smt. Sheela John attended Sociological conference at University Centre Kariavattom, Tvm. On the topic gender, Society & Development on October 14,15,16,-2011. 3<sup>rd</sup> DC students attended a state level seminar on Crime & Society at C.M.S college in December 2011.
- (b) National Level  
(c) International Level

#### **12. Publications by the Faculty with impact factor of the Publications (A Short Discription)**

Article publications  
Poster presentation  
Participation in various competitions & programme held at various institutions  
Content analysis of articles  
Presented papers in various workshops and seminars conducted by other institutions  
Presented a float in the campaign against 'alcoholism' organized by 'Sandwanam'. Organized 'ZOOFEST'

Picnic Savings Scheme

Dec-10-Human Rights day' based on Human Rights. 'Fenestra' based on literature.

'Upakrama' BCM Social Work bi-annual News letter. "educere" BCM Social Work annual Journal

Produced IEC materials for awareness programmes against Child Sexual Abuse. Prepared of I.D Tags to the Staff and Students.

**13. Research Highlights of Faculty / Scholars (A short Discription)**

Mr. George Mathew and Mr. Stephy Thomas of Mathematics and Statistics Dept. were awarded Ph.D by the M.G. University and Cochin University respectively.

**14. Academic Achievements (A short Discription)**

Alintta Abraham – Ist Rank B.Sc Food

Science Sr. Shaiji – 1<sup>st</sup> Rank MSW

Vijaya Rema- II Rank in Computer Science

Vinamol Devassy – III Rank Sociology

**15. Students Achievements-Academic (A short Discription)**

English:- VI Semester Students secured more than 3.8 GPA in their University exams.

Zoology:- 1) Rahana Mathew was elected as a University Union Councilor.

2) Megha Nair and Sujitha C.R got IIIrd prize in inter collegiate Quiz competition held in S.B. College, Changanacherry.

3) Geethu C.S won II nd prize in Inter collegiate painting competition conducted by Baselius College, Kottayam.

**16. Students Activities / Achievements –(Extra Curricular).**

**a) National codet Crops**

**b) National Service Scheme**

I take this opportunity to announce proudly that a third unit of the NSS has been sanctioned to the college during this academic year. The NSS of the college is a very active organization with more than 300 volunteers and three program officers. This year numerous activities were undertaken by them. They are a

7 day camp at Ayamkudi

Cyber crime Awareness Class and Workshop conducted by the cyber cell of Kerala Police.

Social Work Department & National Service Scheme jointly organized a Voluntary Eye Donation Agreement meeting. More than 500 students put their signature to Donate their eyes.

Blood group Detection Camp.

Talk on Kidney Donation Awareness.

Zebra crossing lines repainting.

**c) Arts Festivals.**

The college Union conducted a variety of programmes like Ganamela, Christmas Fest etc. The Arts Festival was conducted during January 2012. The students are socially committed and this was evident in the union taking positive action during the Mullaperiyar issue, observation of world Aids Day, National Integration Day, Independence Day, Etc. The University union Youth Festival was held from Feb 29<sup>th</sup> 2012 to March 4<sup>th</sup> 2012 at Thiruvalla. Our students won II place in Malayalam Poetry Writing, III place in Western Group Song, Oppana and Margamkali. Krishnendu E.S won A Grade in Mohiniyattom and Kuchupidy. Geethu C.S, got A grade in on the spot painting & Midhu Teresa Mathew A grade in Kathaprasangam. Every year awards are given to the best association depending upon their achievements and activities. This year the best association prize goes to Mathematics. The second and third are won by Zoology and Physics. A special Jury award goes to

department of social work. The prestigious best outgoing student award for this year goes to Sweetha Saji Department of English.

**d) Sports & Games**

The college cross country team secured third place in M.G. University Inter Collegiate Cross country championship.

The college Kabbadi Team secured Third place in the University Inter Collegiate Kabbadi Tournament.

Soniya P.M of III year Botany Secured Silver medal in All India Inter University Athletic Meet held at Mangalapuram.

Nijamol Joseph of II year History participated in Women’s National Athletic Meet.

Resin George of I B.Com Secured Gold medal in South Zone Athletic Meet.

Aswathy Devadas of III year Sociology was selected as member of M.G. University Kabbadi Team.

Nithyamol of III year Sociology Participated in Junior National Kabbadi Championship.

Riya Thomas Secured gold medal in South Zone Athletic meet.

**17 Industry Varsity Linkage ( if short Description)**

**18.Academic Tie-Ups (if any)**

**19. Student Progression**

(eg. Former student cleared civil service, joined MIT, Post docroal fellow ships)

**20. Campus Recruitment (if any)**

**21.Number of Ph.D’s Produced if your college is an approved Research Centre.**

**22.Research Scholars Registered in the College, if your college is an approved Research Centre.**

**23.List of Research Guides in your College (With e-mail and website)**

- Two teachers:- 1. Dr. Magi John  
2. Dr. Marykutty Thomas Kallolickal.

## BASELIUS COLLEGE, KOTTAYAM

**1. Name & Address of the College** : BASELIUS COLLEGE,  
E-mail : principal@baselius.ac.in  
principal@baselian.org

**2. Name of the Principal** : **PROF. JACOB KURIAN ONATTU**

**3. Staff Profile:**

	Men	Women	SC	ST	Total
Teaching	18	36	0	0	54
Non-teaching	26	6	0	0	32

**4. Courses offered with number of seats:**

Under Graduate	Sanctioned No. of seats		Post Graduate	No. of seats		M. Phil	No. of seats		Ph.D	No. of seats	
	M	W		M	W		M	W		M	W
B.A.:- English	50		M.A.:- English	20		0	0	0	0	0	0

Malayalam	25	Economics	15						
Economics	50	<b>M.Sc.:-</b> Physics	12						
Politics	40	Chemistry	16						
<b>B.Sc.:-</b> Mathematics	50	<b>M.Com.</b>	15						
Physics	24								
Chemistry	42								
Botany	36								
Zoology	42								
<b>B.Com.</b> (Regular)	50								
<b>Voc.B.Com.</b> (OM & SP)	30								

**5. Student Intake:** Intake, those appeared in the examination and passed. M-Men, W-Women.

U.G.	Appeared		Passed		P.G.	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D.	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
<b>B.A.</b>					<b>M.A.</b>														
Eng.	24	17	19	16	Eng.	02	14	01	11	0	0	0	0	0	0	0	0	0	0
Mal.	09	17	09	16	Eco.	02	12	01	04										
Eco.	26	22	16	19															
Pol.	21	17	08	10															
<b>B.Sc.</b>					<b>M.Sc.</b>														
Maths	18	16	14	14	Phys.	03	08	0	05										
Phys.	10	16	10	14	Che.	04	11	02	08										
Che.	14	21	13	15															
Bot.	08	15	08	14															
Zool.	05	20	05	18															
<b>B.Com</b>	41	20	30	13	<b>M.Com</b>	12	07	06	06										
<b>Voc. B.Com</b>	21	17	16	16															

**6. Details of Tests cleared by students:**

Sl. No.	National Level	State Level
1.	NET – Aby Alex Williams (Commerce)	

**7. Library**

**General Library:**

- (a) Total number of books : 36529  
(b) Total number of journals : 20  
(c) Total number of periodicals : 25  
(d) Number of titles added during the year : 800

**Department Library:**

		<b>Zoo.</b>	<b>Bot.</b>	<b>Chem.</b>	<b>Com</b>	<b>Eng</b>
(a) Total number of books	:	660	985	562	1758	1786
(b) Total number of journals	:	5	13	3	8	5
(c) Total number of periodicals	:					
(d) Number of titles added during the year	:				105	56

**8. Grants received from:**

- (a) State Government.  
 (b) Central Government  
 (c) University Grant Commission:  
 (d)

**Chemistry Department**

A sum of Rs. 4.5 lakhs was allotted for laboratory renovation (for PG Department) 4.2 lakhs U. G. C.

(Grants received from January 2011 to December 2011).

		Rs.
Improvement facilities in existing premises		- 1,60,000/-
Additional assistance (Capital Asset)		- 12,50,000/-
Major Research Project to Dr. P. V. Viswanathan Nampoothiri		- 3,57,200/-
Sports Infrastructure Grant		- 2,50,000/-
Substitute salary to Ms. Deepthimol		- 1,90,350/-
Minor Research Project to Ms. Elsa C. Maria Sebastian		- 72,500/-
-do- Annie Cherian		- 1,32,500/-
-do- Annie Mathews		- 1,00,000/-
-do- Susan Panicker		- 1,02,500/-
-do- Shyla Abraham		- 22,500/-
-do- Dr. V.A. Philip		- 20,000/-
Seminar :- Physcis		- 47,250/-
Chemistry		- 75,000/-
English		- 75,000/-
Zoology		- 38,250/-
Economics		- 86,250/-
UGC Grant XI Plan		- 1,44,784/-
Career and Counseling Cell		- 3,00,000/-
Network Resources Center		- 2,37,000/-
Enhancement of initiative for capacity building in college		- 5,60,000/-
Ladies Hostel		- 25,00,000/-
P.G. Course:- English - XI Plan		- 1,60,000/-
Chemistry - „		- 2,80,000/-
Physics - „		- 1,40,000/-
Capital Asset		- 10,00,000/-
(e) Others – Specify.		

**9. Projects undertaken:****Zoology Department:-**

- (a) UGC – Minor Research Project (2011-2013).

**Chemistry Department:-**

- (a) One Minor Research project entitled synthesis of alpha formyl ketene dithio acetal mediated pyromidine derivatives was sanctioned by UGC to Dr. Annie Mathews.

**10. Seminars conducted:****(a) State Level****Chemistry Department:-**

Conducted a seminar on Introduction to Molecular Spectroscopy by Dr. S. Sugunan. *Seminars conducted by Faculty* - Dr. Daisy Joseph took classes on General Chemistry for +2 teachers.

**Zoology Department:-**

UGC Sponsored – 11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> August 2011. (Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus)

**(b) National Level**

“Mermerisms in Optoelectronics” 11<sup>th</sup> & 12<sup>th</sup> July 2011.

**(c) International Level**

**11. Seminars conducted by Faculty: (Name-wise with details).**

**(a) State Level**

**English Department:-**

As a Resource Person Smt. Jyothimol P: ‘A GLIMPSE INTO POST-COLONIALISM’ at Ettumanoorappan College. ‘FEMINISM’ at Vadavathoor Seminary, Kottayam.

**Chemistry Department:-**

Dr. Daisy Joseph took classes on General Chemistry for +2 teachers. Conference for Teachers conducted by Management at Mar Dionysius College, Pazhanji.

**Zoology Department:-**

UGC Sponsored – 11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> August 2011. (Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus) – Organizing Secretary – Dr. Susan Panicker.

**(b) National Level**

**English Department:-** “Language & Representation: The Mystique of Interpretation” on 14<sup>th</sup> & 15<sup>th</sup> January 2011 at Baselius College, Kottayam. Attended by all members of the faculty.

“Symphony of Signs: The Convergence of Literature & Music” on 28<sup>th</sup> & 29<sup>th</sup> January 2011 at C.M.S. College, Kottayam – Dr. Maya Kuriakose, Smt. Daisy Zachariah, Smt. Elsa C. Maria Sebastian, Ms. Anju Susan Kurien & Ms. Bigila.

**Physics Department:-**

“Mesmerisms in Optoelectronics” – 11<sup>th</sup> & 12<sup>th</sup> July 2011.

**(c) International Level**

Jyothimol P. & Maya Kuriakose (English Dept.): International Seminar on ‘CHILD LITERATURE’ on 19<sup>th</sup> & 20<sup>th</sup> at Bharat Matha College, Thrikkakara. (English Dept.)

International Seminar on E.L.T. at St. Teresa’s College, Ernakulam on 24<sup>th</sup> & 25<sup>th</sup> January 2011 – Smt. Jyothimol P. (English Dept.)

**12. Publications by the Faculty with impact factor of the publications: (A short description).**

**English Department:-**

Dr. Maya Kuriakose – ‘CHRISTOGRAPHIC GLIMPSES OF THEORIZATION’ in Baselius Researcher – Vol.XI No.2 July to December 2010, PP.221-26.

**Commerce Department:-**

Dr. P.M. James (Commerce) & Manoj Narayanan K.S. (Commerce) -3 Papers / Articles.

(1) Mutual Fund Schemes: A multi-dimensional Perspectives – ‘Research Lines’ (ISSN-0975-8941) January to June 2011.

(2) The Global Economic Meltdown & its impact on Worldwide Mutual Funds – ‘Research Scholar’ (ISSN 2249-66962 – Vol.1 No.1. September 2011.

(3) ‘Asset Management Companies in the Indian Mutual Fund Industry – An overview’ – ‘Baselius Researcher’ – Vol. XXII No.1 (ISSN 0975 -8658) – January to June 2011.

**Chemistry Department:-**

(1) A Guide book for the Open Course in the 5<sup>th</sup> Semester, Chemistry in Everyday Life is published by the Department.

**13. Research Highlights of Faculty / Scholars: (A short description).**

- (a) Dr. Maya Kuriakose: LANGUAGE OF CHRIST: A SEMANTIC ANALYSIS at National Seminar on 'LANGUAGE & REPRESENTATION: THE MYSTIQUE OF INTERPRETATION' conducted on 14<sup>th</sup> & 15<sup>th</sup> January 2011.  
'CHRIST LITERATURE AND MUSIC' at the National Seminar on 'SYMPHONY O SIGNS: CONVERGENCE OF LITERATURE AND MUSIC' on 28<sup>th</sup> & 29<sup>th</sup> January 2011.
- (b) Dr. Verghese Leena: 'WILKILEAKS: THE LANGUAGE OF POLITICAL AND PSYCHOLOGICAL WARFARE' at the National Seminar on 'LANGUAGE AND REPRESENTATION: THE MYSTIQUE OF INTERPRETATION' CONDUCTED ON 14<sup>TH</sup> & 15<sup>TH</sup> January 2011.
- (c) Ms. Renu Elizabeth Abraham: 'UT PICTURE POESIS: THE VISUAL IN POETRY' at the National Seminar on 14<sup>th</sup> & 15<sup>th</sup> January 2011.
- (d) Smt. Jyothi Susan Abraham: 'EVOLUTIONARY NATURE OF CLASSROOM AND CAMP LANGUAGE (THE INDIAN CONTEXT) at the National Seminar on 14<sup>th</sup> & 15<sup>th</sup> January 2011.
- (e) Smt. Jyothimol P: Presented a paper titled "REINFORCING PATRIARCHY: A WOMEN'S ANALYSIS OF THE HERO'S LANGUAGE IN SELECT MOHANLAL FILMS" in the National Seminar on LANGUAGE AND REPRESENTATION: THE MYSTIQUE OF INTERPRETATION' conducted on 14<sup>TH</sup> & 15<sup>TH</sup> January 2011.

Dr. Susan Panicker (Zoology Department) – Research Guide with one Ph.D. student, ongoing.

#### 14. Academic Achievements: (A short description).

##### English Department:-

- (1) Reeba Thomas (II MA English) – Secured 3<sup>rd</sup> Rank in B.A. Communicative English, M.G. University. Presented a paper entitled 'LANGUAGE STYLISTICS IN ADVERTISEMENTS' in the National Seminar in Baselius College, Kottayam on 15<sup>th</sup> & 16<sup>th</sup> January 2011. Engaged classes (15 hrs.) for the students of Add-On Course in English (2010-11).
- (2) Gorby K. Johnson (III B.A. English) – Presented a paper on 'PSYCHOLOGY AND SPIRIT' organized by Kerala Social Club, Kollam. Participated in International Debate on 'LAW AND SOCIETY', S.N. College, Kollam.
- (3) Reeba Thomas (II M.A. English) – Won the Dr. A.P. Mani Memorial Endowment prize for outstanding students at the P.G.level.
- (4) Kurien Abraham (III B.A. English) – Won the Dr. A.P. Mani Memorial Endowment prize for outstanding students at the U.G.level.
- (5) Social Service League Scholarship on Merit-Cum-Means were secured by (a) Sreelakshmi K.P. (I B.A. English) (b) Babithamol T. (I M.A. English).
- (6) V.K. Philip Educational Endowment for the Highest Scorers at the UG & P.G. Levels.  
(1) Jayalekshmi A.S. (D1), (2) Deepthy S. Nair (D2) (3) Kurien Abraham (D3)  
  
(4) Nimmy Susan (M1) (5) Reeba Thomas & Karthika R. (M2).
- (7) Prof. Manju Mathews Memorial Endowment for the Highest Scorer at the U.G. & P.G. levels.  
(1) Justin John (B.A. English) & (2) Reeba Thomas (M.A. English)
- (8) Shri. K.U. Scaria Memorial Endowment Prize for Highest Scorers on Merit-Cum-Means basis.  
(1) Bibi Philipose (I B.A. English) (2) Vishnu Prasad (II B.A. English) &  
(3) Radhika Anirudhan (III B.A. English).
- (9) Prof. Rajaram Menon Memorial Endowment Prize for the Topper in English in the College for the previous academic year –  
Subulakshmi S. Nair (B.A. English – 2010).

##### Economics Department:-

Linda George - 1<sup>st</sup> Rank – M.A. (Eco.) Degree Exam (April 2011).

Shiny Thomas - 3<sup>rd</sup> Rank -do-

##### Student Activities:-

The Department conducted the following programmes.

- (1) Seminar on New Trends in Macro Economics – Vineeth M. – Research Scholar, Pondicherry University – 07/06/2011.



- (2) An Orientation Programme for D2 and D3 students – Resource Person – Prof. P.C. Alias (Former Principal of Baselius College) – 09/06/2011.
- (3) Inauguration of Economics Association – Dr. Murali Vallabhan on 26/06/2011.
- (4) Counselling Class – “You can Help” – Dr. Sreekumar on 22/08/2011.
- (5) An Orientation programme for 1<sup>st</sup> Semester students on 29/07/2011.
- (6) Two Day National Seminar (UGC Sponsored) on European Economic Crisis and its implications for India 4<sup>th</sup> & 5<sup>th</sup> August 2011.
- (7) Seminar on Research Methodology for Economics – Dr. V. Mathew Kurian on 12/09/2011.
- (8) Seminar on Arthasasthra and Indian Economic System – Dr. Viswanathan Nampoothiri on 29/09/2011.
- (9) Seminar on Value Education – Prof. Mary Mathew on 10/10/2011.
- (10) Inter Department Essay Writing Competition on E-waste and Environmental Pollution on 19/08/2011.
- (11) Inter University Quiz Competition on 07/12/11 ten teams from various colleges were participated. II Prize – Baselius College, Kottayam.
- (12) Commune 2012 – Symphony (Music Fest) and Noopuram (Dance Fest) – 28/01/2012.
- (13) Charity Club of the Department visited Santhi Bhavan and provided lunch to the inmates of Santhi Bhavan.
- (14) Sandeep Vijayan (D2) and Jojo Thomas (M1) won 3<sup>rd</sup> prize in Intercollegiate Quiz Competition conducted on 07/12/2011.

**Chemistry Department:-**

The pass percentage of B.Sc. Chemistry students (2008-2011) was 91%. Our association was selected as Best Association in the college.

**Botany Department:-**

Secured 100 % pass in Final Year B.Sc. Degree Examination – March 2011.

**15. Students achievements – Academic:** (A short description).

**Commerce Department:-**

Students won several prizes in various intercollegiate competitions in 12 events.

**16. Students activities / Achievements** (Extra-curricular).

**Chemistry Department**

The film “Ammamanassinu” produced by Aleena Susan Mathew of Dept. Chemistry won the NFPC award for the best film.

Students of Commerce Departments won several prizes in various inter collegiate competitions in twelve events.

**(a) National Cadet Corps:-**

The activities for the year 2011-12 began with the Annual Training Camp (ATC) and the Thal Sainik Camp (TSC) held in Government College, Kottayam. A few of our cadets came out with great achievements.

- (1) Cadet Anju Treesa George won the best cadet award for the ATYC camp.
- (2) Cpl. Vrinda S. Kumar won first place in the obstacle competition with gold medal.
- (3) Cpl. Devi Gangadharan won silver medal for compeering.

In the Kottayam Group Headquarters, DDG of NCC was welcomed by our Piloting cadets and received the Guard of Honour given by us.

This year onwards Baselius College Unit have a full time Associate NCC Officer – Lt.

(Dr.) Biju Thomas.

Cadets for the year 2011-2013 were enrolled. 41 boys and 15 girls were enrolled.

Our team bagged the second place for the Independence Day Parade held on 15<sup>th</sup> August 2011 in Police Ground, Kottayam.

First camp of RDC was conducted in our College. 4 girls and 10 boys were selected to the Inter Battalion Competition held in St. George School, Kaipuzha. Three of our cadets were selected to the Inter Group Competition held in Mavoor, Calicut. U/O Abhijith S. Kumar attended this IGC Competition.

Finally, Sgt. Nidhin Mohan and Cdt. Jeen T.S. was selected to the Republic Day Camp 2012 in Delhi and Nidhin won the honour to do parade in Rajpath, Delhi.

In the ATC Camp held in K.E. College, Mannanam from September 2<sup>nd</sup> to 12<sup>th</sup>, 2012. Our cadets outshone others.

- (1) Cdt. Crinda Vasudev won first place with gold medal in Karaoke song competition and Cdt. Aparna Suresh won the second place for the same with silver medal.
- (2) Cdt. Athira Baiju and Cdt. Vrinda Vasudev were chosen as Pilots and won gold medals.
- (3) Sgt. Vinaya Ann Prakash won gold medal for compeering.
- (4) Cdt. Athira Baiju bagged the first place for monoact competition and the gold medal.
- (5) Our team bagged the second place for the Guard of Honour Competition.
- (6) Cdt. Praveenamol P.P. attended the National Integration Camp (NIC) held in Kollam from 24<sup>th</sup> December to 4<sup>th</sup> January 2012 and U/O Bibin M. attended the NIC Camp in Moovattupuzha.
- (7) NIC Camp in Gujarat was attended by U/O Anoop Krishnan and Cpl. Vrinda S. Kumar from 5<sup>th</sup> Jan to 15<sup>th</sup> January 2012.
- (8) U/O Varna Chandran was selected to the Inter Directorate Competition held in Madhya Pradesh in the month of June, 2011.
- (9) Cpl. Devi Gangadharan attended the Advanced Leadership Camp in Bihar in November, 2011.

In the ATC held in Government College, Nattakon from 24<sup>th</sup> December to 31<sup>st</sup> December 2011, our cadets came out with flying colours.

- (1) Cdt. Vivek G. K. won the first place in solo dance and folk dance competition and the gold medals for the same.
- (2) Cdt. Harikrishnan won the first place in the solo song competition with gold medal.
- (3) Cdt. Vrinda Vasudev won the first place in the Karaoke song and second place in the classical song competition.
- (4) Our team won the first place in the Guard of Honour competition.
- (5) We won first place for group dance.
- (6) Our boys won the first place in the skit competition.
- (7) Cdt. Vykhari won the first place in mono-act competition with gold medal.
- (8) Cdt. Athira Baiju won two gold medals for piloting and for computer operation.

Our team bagged the second place for the Republic Day Parade held on 26<sup>th</sup> January 2012 in the Police Ground, Kottayam.

**(b) National Service Scheme:-**

The National Service Scheme of Baselius College is an integral part of college activity uplifting the motto “not me but you” inculcating in the volunteers an intention of community service. The Motto reflects the essence of democratic living and upholds the need for self-less service. NSS helps the students develop appreciation to other person's point of view and also show consideration to other living beings. Community service rendered by the students has covered several aspects like carrying out the medico-social surveys, setting up of medical centres, programmes of mass immunization, sanitation drives, adult education programmes for the weaker sections of the community, blood donation, helping patients in hospitals, helping inmates of orphanages and the physically handicapped etc. The NSS students have also done useful work in organising campaigns for eradication of social evils, and popularization of the nationally accepted objectives like nationalism, democracy, secularism, social harmony and development of scientific temper.

The major activities of NSS units during January 2011-December 2011 are:

- Youth day activities**-Essay competition was held.
- National voters day**: celebrated along with Collectorate, Kottayam
- Anti drug awareness class**
- Eye testing camp**: conducted by Vasan Eye care hospital
- CAP Training Programme** by M G University
- CAP Help desk**
- World Environmental Day** : Collected the seedlings from M.T Seminary H.S. School distributed by “Malayala Manorama” and planted it in our campus.

- **World Blood donors Day** : volunteers participated in the inaugural function and the blood donation camp conducted at CMS college and volunteers donated blood
- **“Sancharikunna vayanasa”** a mobile library of Dept. of cultural activities reached our college. Almost all the students of our college visited the mobile library and students were encouraged to read and widen their span of knowledge.
- **Vidhyarambam:** We made arrangements for “vidhyarambam” of fresher’s conducted by the college and we welcomed them to the college.
- **Enrollment Day** : Conducted campaigning among the fresher’s of all departments about NSS and we celebrated the day as ‘Enrollment day’. Campaigning gave a motivation among fresher’s to join NSS. 170 volunteers came with the willingness to join NSS.
- **Half Day orientation:** Half day orientation for 1<sup>st</sup> year volunteers. Better understanding for fresher’s about NSS and its activities.
- **Vembanattu kayal samraksanam:** Participated in a public discussion on “vembanattu kayal samraksanam”.
- **Alarmingly Increasing Criminalization:** District youth convention on “Alarmingly Increasing Criminalization of the youth” Inaugurated by Sri. Jose k man i (MP). Got an awareness about increasing criminalization of youth. It made us think more seriously about the topic.
- **Poster designing competition on Hiroshima day:** Poster designing competition in connection with “Hiroshima day” was conducted.
- Prepared a memorandum against depositing waste in front of our college signed by 1001 students and staff members. It was given to the municipal chairman Sri. Sunny kalloor. Brought the matter to the attention of the authorities.
- **3 day camp:** Municipal chairman Sri. Sunny kalloor inaugurated the camp. We conducted group activities , classes, Debates, yoga and cultural activities etc. We celebrated “64<sup>th</sup> Independence day”. Dr. V.A Philip (Former NSS program officer) gave a message. We cleaned the campus. Encouraged all Volunteers to participate actively in the discussions, debates and cultural activities. Gave everyone a chance to speak in front of crowd and shed off their stage fright.
- **Sadbavana day:** We designed posters and exhibited it
- **Traffic Awareness:** We did the arrangements and participated in the traffic awareness program conducted in the college. Got an idea about traffic rules.
- **Seven Day NSS Special Camp** was organized by the college from 2-8<sup>th</sup> September 2011. During the camp various activities like talks related to social issues, interaction with the community and awareness programme were organized. Cultural programmes, different competitions, educational trip etc were conducted.
- We care: A discussion on “generation gap” at C MS College, Kottayam
- Teachers day celebrated
- Pre-RD selection camp: Two volunteers participated and Midhun M Madhu got selected.
- “ Neethinirvahanam Gandhian Darsanangaliloode” a discussion at Darshana Academy
- Gandhi Jayanthi Celebration
- “Bleed for your brother” : celebration of blood donors day
- International day of aged celebrated.
- Survey conducted for preparing database of blood group of students
- Children’s day celebration: Childline service focuses on the needs of children living alone on the streets, child labourers, domestic workers, run away children, Children of sex workers and sexually abused children visited the college.
- Worlds AIDS day was celebrated. Awareness class was arranged.
- Blood Donation: More than 30 students donated blood in a blood donation camp held at Baselius College organized by HDFC bank and Medical College, Kottayam.
- Volunteers participated in “Madya virudha Rally” organized by “Swanthanam”

(c) *Arts Festivals:-*

Jayadevan (IIInd Year B.Sc. Botany secured A Grade in Kathaprasagam and B Grade String Instrument in (Violin) in M. G. University Arts Festival.

Shyam Sankar of P. G. Chemistry was selected as Kalaprabhitha and participated in the University Youth Festival.

Prasobu P.P. (D2 Eco.), Abhijith Kunteria, Ajay M.P., Jerin Joseph – II Prize – Memi Competition.

Neenu P. Prasad (D3 Eco. – II Prize – Hindi Recitation.

Clina G. (D3 Eco.) – III Prize – Short Story Writing.

Rahul Reghunath (D2 Eco.) – II prize – Cartoon.

Sandeep Vijayan (D2 Eco.) – III Prize – Quiz Competition.

(d) *Sports*

(e) *Games* }

#### Department of Physical Education

(2011-12)

Department runs an Open Course in Physical Education (Physical, Health and Life Skills Education). The 31<sup>st</sup> Baselius Trophy All Kerala intercollegiate tournaments in Basketball (M & W), Volleyball and Football conducted from January 6<sup>th</sup> to 13<sup>th</sup> was a great success. More than 40 teams from various Universities participated in this mega event. During the inaugural session we honoured four of our students who proved their mettle through their outstanding performance in National and International level sports – Mr. Santhosh Kumar M.V. on his selection to the FIFA panel of referees and Mr. Shereef K., Mr. Arun Kumar U.N. and Mr. Bastin Joseph for securing gold medals in the All India Inter University Athletic Championships.

This year our students secured the following outstanding achievements in sports and games.

- (1) Tanu Mathew of II MA English was selected as the “Best Player” in the Senior National Handball Championship. She was also the captain of the Kerala State and M.G. University Handball Team.
- (2) Bastin Joseph won the Gold medal in the All India Inter University Athletic Championship.
- (3) Bastin Joseph (D1 English) won silver medal on 400 m. hurdles in Junior National Athletic Meet held at Hyderabad. Rijo P. Sebastian was a member of the 4 x 400 m. relay team which won gold medal for Kerala State in the same championship.
- (4) Bastin Joseph won two gold medals (110 m. & 400 m.) in the M.G. University Intercollegiate Athletics Championships held at Maharajas College, Emakulam. Afzal Nazeer, Rijo P. Sebastian and Tinu Joseph were also got bronze medals in this championship.
- (5) Our Volleyball team won “K.E. Trophy” All Kerala Intercollegiate Volleyball Tournament. We also won 31<sup>st</sup> Baselius Trophy All Kerala intercollegiate Volleyball Tournament. Sachin A.P. (D3 English), Ansab O. (D1 Economics), Naushad E.C.
- (6) (D1 Economics) were selected to represent M.G. University. Ansab O. and Shinto Elias were selected to Kerala State Youth Volleyball Team.
- (7) College Football team is the winners in the M.G. University South Zone Football Championship held at Marthoma College, Thiruvalla and placed third in Inter Zone Championships. Chikko James (D3 Malayalam), Sarath T. (D1 Politics) and Azad Azees (D2 Commerce) were selected to the M.G. University Football Team and participated in the South Zone Championship held at Thiruvananthapuram. Baselius College Football Team won the Ettumanoorappan All Kerala Intercollegiate Football Tournament in the consecutive year. College Football team also secured runners up trophy in the Baselius Trophy All Kerala Intercollegiate Football Tournament.
- (8) Baselius College won second place in M.G. University Intercollegiate Cross Country Championship held at Alphonsa College, Pala. Kuriakose Mathew of D3 Economics was selected to M.G. University Cross Country Team.
- (9) Fazil M. Khan of D1 Vocational B.Com. was selected to M.G. University Shuttle Badminton Team and participated in the All India Championship held at Rajasthan.
- (10) Rahul B.R. (D1 Malayalam) and Akhil Raj (D1 B.Com.) were selected to M.G. University Kabaddi Team and participated in the South Zone Championship held at Tamilnadu.
- (11) Dony Thomas of D1 Commerce secured gold medal in 96 kg. category in the State Wrestling Championship held at Kayamkulam.

- (11) Ansab O. and Shinto Elias (D1 Economics) represented in the Kerala State Youth Volleyball Team and participated in the National Championship held at Kolkatta.

**17. Industry College Linkage** (If any, short description).

Our students (mainly Science and Commerce students) are visiting many industries and learning about several applications of their areas of studies. Beyond this there is no official linkage or MOU.

**18. Academic Tie-ups** (if any).

Our University does not encourage tie ups with other academic institutions. We don't have the flexibility to modify our curriculum or enter into tie-ups such as twinning programmes.

**19. Student progression:-**

**English Department:-**

B. A. – Higher Studies which include M.A., M.S.W. & M.B.A. - 70%.  
 Employed - 20%  
 Doing B.Ed. - 10%

M.A.:-  
 Doing B.Ed. - 50%  
 Employed - 50%

**Economics Department:-**

- (1) Ms. Sneha Gopeekrishnan, 1<sup>st</sup> Rank holder M.A. (Eco) was appointed as Assistant Professor in Economics in Vimala College, Thrissur.
- (2) Mr. Rajesh K.R. has got selection as Inspector in Excise Department, Govt. of Kerala.
- (3) Mr. Vineeth M. passed M.A. Economics Exam. of Pondicherry Central University with Gold Medal. He is now doing Ph.D. in Central University, Pondicherry.
- (4) Ms. Remya Mohan was qualified in the NET conducted by UGC.
- (5) Ms. Divya N.M. was qualified in the NET conducted by UGC.

**20. Campus recruitment** (if any).

Sl.No.	Name of the firm	No. of students attended		No. of students selected	
		<u>M</u>	<u>W</u>	<u>M</u>	<u>W</u>
1.	South Indian Bank. (Jeebu Joseph – D3 Physics)			1	0
2.	Police Department. (Ajith Fermen - English)			1	0
3.	Indian Navy. Christo Baby - English			1	0
4.	Private Organization Aswathy Raju – M.A. English			0	1

**21. Number of Ph.Ds produced if your college is an approved Research Centre:**

**Department of English**

1 in 2008 May. (Ms. Ranjana) (1)Dr. Susan Varghese (2) Dr. Renju D.  
 (3)Dr. Armstrong. (4) Dr. Laly Mathew  
 4 in 2010 June – January 2011. (1) Dr. Bijimol.

• **Research Scholars registered in the college, if your college is an approved Research Centre: Department of English**

*Prof. Jyothimol P.*

Topic : Texts, Counter – Texts and Inter-texts : An Analysis of Inter – textuality in Jean Rhy's Wide Sargasso Sea and J. M. Coetzee's. *Foe*  
 Research Guide : Dr. Alexander Raju.

2. *Shri. Jyothis P. Kuruvilla*  
Topic: Photographing a Green Survivalist Perspective. An Eco – Aesthetic approach to ‘The Book of Prophet Isaiah.’  
Research Guide : Dr. Alexander Raju
3. *Jishamol Alex*  
Topic : Woman and Ecology in the selected works of Kamala Das and Sugatha Kumari. Research Guide : Dr. Verghese Leena
4. *Prof. Trisina M. Alapatt*  
Topic : Undefined Boundaries of the self : Gender, Culture and Resistance in the selected Works of Maxine Hong Kingston and Sandra Cisneros.  
Research Guide : Dr. Verghese Leena
5. *Prof. Bijimol Thomas*  
Topic : A comparative study of the Search for Black Identity in the selected plays of Lorraine Hansberry and James Baldwin. Submitted – awaiting Open Defence.  
Research Guide Dr. Annie Margaret
6. *Shri. Sajeew P.P.*  
Topic: Amalgamation of Classical Realism and Social Reality in the Novels of Vikram Seth. Research Guide: Dr. Annie Margaret

## **BISHOP KURIALACHERRY COLLEGE FOR WOMEN, AMALAGIRI**

1. **Name of the College** : Bishop Kurialacherry College for Women, Amalagiri  
(with e-mail&website) : [bkcama@yahoo.com](mailto:bkcama@yahoo.com) & [www.bkcollege.org](http://www.bkcollege.org)
2. **Name of the Principal** : Sr. Rosamma V.P.
3. **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching (Permanent)	-	28	-	-	28
Teaching (Guest)	7	19	-	-	26
Non Teaching (Permanent)	3	16	-	-	19
Non Teaching (Guest)	1	6	-	-	7

### 4. **Courses Offered with Number of Seats**

Under Graduate	Number of seats		Post Graduate	Number of seats		M.Phil	Number of seats		Ph.D	Number of seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.A. Economics	-	40	M.A. Economics	-	15	-	-	-	20	-	-
B.A. Malayalam	-	24	M.A. English	-	30	-	-	-			
B.Sc. Mathematics	-	40	M.Sc. Chemistry	-	20	-	-	-			
B.Sc. Chemistry	-	20									

B.Sc. Botany	-	24										
B.Sc. Geology & Water Management	-	25										
B.Com Computer Application	-	60										

### 5. Student Intake

Intake, those appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M.Phil	Appear ed		Passed		Ph.D	Appeared		Passed	
	M	F	M	F		M	F	M	F		M	F	M	F		M	F	M	F
B.A. Economics	-	41	-	31	M.A. Economics	-	17	-	12	-	-	-	-	-	1	-	1	-	1
B.A. Malayalam	-	19	-	8	M.A. English	-	12	-	8										
B.Sc. Mathematics	-	19	-	14	M.Sc. Chemistry	-	6	-	2										
B.Sc. Chemistry	-	14	-	2															
B.Sc. Botany	-	9	-	2															
B.Sc. Geology & Water Management	-	7	-	7															
B.Com Computer Application	-	59	-	51															

### 6. Details of Tests Cleared by Students

Sl.No	National Level	State Level
1	3 (CSIR NET)	6
2	3 (GIS)	-

### 7. Library

- (a) Total Number of Books : 46075  
(b) Total Number of Journals : 39  
(c) Total Number of Periodicals : 42  
(d) Number of titles added during the year : 1685

### 8. Grants Received From

- (a) State Government - 18, 43,343/- (Grant Received from IT Mission)  
(b) Central Government - NIL

- (c) University Grants Commission - 65, 10,937/-
- (d) Others – Specify
  - N.S.S. -1,19,000/-
  - University Examinations - 1,38,329/-
  - Higher Education Scholarship- 2 Students(Rs. 18,000/- Each)
  - Suvarna Jubilee Scholarship – 2 Student (Rs. 10,000/- Each)
  - Post Metric Scholarship by Dept. of Collegiate Education, Govt. of Kerala – 55
  - Blind/PH Scholarship for 3 Students.
  - Hindi Scholarship for 3 students
  - Single Girl Scholarship for 6 students
  - SC/ST /OEC Scholarship for 37 students

9. **Projects Undertaken**

(a) **Minor Projects**

- Women Initiatives in Poverty Reduction Review of Kudumbasree in Kerala – Dr. Tessy Kurian., Department of Economics.
- Decomposition Problems in Graph Theory – Ms. Jinita Varughese., Department of Mathematics.
- Bio-Activity studies and Phyto Chemical Screening of Seed Extract of Cananga Odorota (LAM) - Smt. Remya R, Department of Botany.
- Antimicrobial Assay of Extracts of Emblica Officinalis with Particular Reference to Foodborne Bacteria - Dr. Lincy Sara Varghese Department of Botany.

(b) **Others** NIL

10. **Seminars Conducted**

(a) **State Level**

- Seminar on “Job Opportunities and Career Trends in India” by Shri. Ninan John, Director, Guideri Academy, Ernakulam
- Seminar on “Social Media and Networking for Job Search”, by Mr. Alexander Thomas, Time Academy.

(b) **National Level**

- UGC Sponsored National Seminar on “Discrete Mathematics and Computational Statistics” organized by the Department of Mathematics
- UGC Sponsored National Seminar on “Meditation & Naturopathy: Natural Precautions for Health” organized by the Department of Physical Education
- UGC Sponsored National Seminar on “Climate Change and India: A Gender Disaggregated Approach” organized by the Department of Economics.



- UGC Sponsored National Seminar on “Emerging Trends in Nano Technology” organized by the Department of Chemistry.
- UGC sponsored workshop on “Information Literacy in the Digital Age”. organized by the Library and Information Centre

**(c) International Level** Nil

**11. Seminars Conducted by Faculty (name wise – with details)**

**(a) State Level**

- A “Gender Awareness Campaign” was organized in the College by Kerala State Womens Development Corporation under the Department of Social Welfare. Chief Guest was Dr. Mallika Sarabhai the well-known artist and social activist. The Dr. Tessy Kurian was the Co-ordinator  
Seminar on Career Guidance. Resource Person was Ms. Sinu Thomas, Academy for Skill Knowledge, Kottayam. Dr. Ancy Joseph was the Co-ordinator  
Workshop on Value Education by Mr. Sunny Thayil & Team, Sargakshethra, Kottayam. Smt. Mariamma Varghese was the Co-ordinator

**3. National Level**

Work Shop on Human Rights

Co-ordinator: - Smt. Mini Thomas, Dept of Physical Education

**(c) International Level** - NIL

**12. Publication by the Faculty with Impact factor of the Publications (A Short Description)**

- Dr. Tessy Kurian also presented papers on “Gender issues of sustainable development” in the UGC sponsored National Seminar on “Gender Development” at the School of Gandhian Thoughts and development Studies, M.G. University March 2011.
- Dr. Lincy Sara Varghese presented a paper titled “Analysis of promoter fragments of tri 5 in the regeneration of Trichothecene Biosynthesis in furarium species” at International Seminar held at Department of Botany, Nirmala College, Muvattupuzha.
- Dr. Agnes Jose presented a paper on “Fragrance” in the National Seminar organized by department of Economics, B.K College Amalagiri.
- Smt. Mini Thomas presented a paper on “The Role of Emotional Intelligence in the Academic Achievement of First Year College Students” in the National Seminar organized by Department of Physical Education, M.S.M College, Kayamkulam.
- Smt. Mini Thomas presented a paper on “A Novel Paradigm for Community Based Health Education” in the National Seminar organized by Department of Physical Education, Catholicate College, Pathanamthitta..

- Ms.Jinitha Varghese presented a paper on “A Decomposition of  $K_n$  and  $K_{m,n}$  “ in the Annual Conference of Indian Mathematical Society at Marathwada University, Aurangabad.
- Dr. Leena Mathew presented a paper on “Can Markets lead to sustainability – An Ecological & Economic Prospective ” in the International Conference organized by CMS College in association with Sewanee University, USA

13. **Research Highlights of Faculty/Scholars (A Short Discription) Department of Economics**

1. **Dr. Tessa Kurian**

- Research Guide
- Resource Person to National seminar
- Publication of Research Papers
- Presentation of Papers in National/International Seminars
- Co- ordinator of survey of National Rural Health Mission, Govt. of Kerala
- Supervision of P.G. Projects

2. **Dr. Leena Mathew**

- Research Guide
- Resource Person to National seminar
- Publication of Research Papers
- Presentation of Papers in National/International Seminars
- Supervision of P.G. Projects
- Member of P.G. Board of Studies in Economics

14 **Academic Achievements (A Short Description)**

- Dr Agnes Jose of the Dept of Physical Education was awarded PhD by Mahatma Gandhi University for her work on “An analysis of Academic Achievements and Bodily – Kinesthetic Intelligence of School Children”
- Prof. Merly Zachariah of the Dept of Economics has submitted her Thesis to Mahatma Gandhi University on “Ageing of Women in Kerala – An Analysis of their Consumption Pattern”.
- Smt Sheeba V T Research Scholar of BK College was awarded the Ph.D by Mahatma Gandhi University for her work on “Bottled Water Industry – Economic & Environmental Impact”.
- Smt. Mini Thomas Dept. of Physical Education Selected for the Project Designing Course of Kerala State Higher Education Council.

15. **Student Achievements – Academic (A Short Description)**

Our students secured Ranks in the University Examinations.

- Sr Neenu Mathew, First Rank in B A Malayalam
- Ms. Caroline Louis, First Rank in BSc Geology and Water Management
- Ms. Litta K. Thomas and Ms. Emy Annie Roy, First and Second Ranks respectively in the BCom Degree Examinations.

**16 Students Activities/ Achievements – (Extra Curricular)**

**(a) National Cadet Crops - NIL**

**(b) National Service Scheme**

- World Environmental Day Celebration & inauguration of N.S.S. activities – Sri. Jose Edavazhikal, Athirampuzha Panchayat President, planted Trees in the Campus.
- N.S.S. Mini Camp (One day) – Cleaning the Campus, Class on Creative Thinking by Prof. Motti Zacharia, St. Stephen’s College, Uzhavoor
- One day Training Class on Cultivation at Krishibhavan, Athirampuzha
- One Day Intercollegiate training programme in Paper Carry Bag making – Inaugurated by Smt. Saly George, Panchayat standing Committee member, Kottayam District
- Onam Special Camp 02.08.2011 to 08.09.2011 Inaugurated by Sri. Suresh Kurup, MLA
- Children’s day celebrations at Govt. L.P.School Mudiyoorkara. Competitions were held for children.
- AIDS Day Observation – rally was conducted from the College to ICH in collaboration with Central Lions Club, Athirampuzh. Inauguration by Radha V. Nair, Kottayam District Panchayat President. Talk on AIDS Day by Dr.Savitha P., Superintendent, ICH and Dr. K Prakash- Programme Co-ordinator NSS
- Legal Literacy classes - Adv. Sri. Reji, Adv. Viji Mathew and Adv. Sibi Vettoor
- 25 Volunteers participated in the rally (Madhyavirudda Rally) Public meeting attended by Hon’ble Minister Thiruvanchoor Radhakrishnan, [Revenue](#) Department and Sri. V.M. Sudheeran
- Human Rights Day – Mrs. Kalyanini B. Nair took class on Human Rights Issues

**(c) Arts Festivals**

Students participated in various items.

**(d) Sports & Games**

Second Place in Shuttle Badminton intercollegiate held at Marthoma College Thiruvalla.

Third Place in Lawn Tennis held at Rajiv Gandhi Indoor Sports Stadium, Ernakulam.

We organized Intercollegiate Table Tennis

**17. Industry Varsity Linkage (if any, Short Description)**

District Industries Centre, Kottayam.

Rubber Board of India

Centre For Water Resources Development And Management  
(CWRDM) CESS (Thiruvananthapuram) Training Programme

Milma Dairy Corporation, Kottayam

**18. Academic Tie-Ups (if any)**

Indian Academy of Paediatrics, Kerala State  
Branch Rubber Board of India

School of Environmental Studies, Mahatma Gandhi University

School of Physical Education and Sports Sciences, Mahatma Gandhi University

Bishop Kuralacherry Nature Cure and Yoga Centre, Edayirickapuzha

Geology Department, Govt. College, Kottayam

**19. Student Progression**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships)

- Nora Caroline joined IIT Roorkee
- Caroline Louis joined at ISM at Jharkhand.

**20. Campus Recruitment (if any)**

SI.No	Name of the Firm	No. Students Attended		No. of Students Selected	
		M	F	M	F
1	Wipro	-	12	-	3
2	Infosys	-	8	-	2

**21. Number of Ph.D's produced if your college is an approved Research Centre**

Mrs. Sheeba V.T

**22. Research Scholars Registered in the College, if your college is an approved Research Centre**

SI.No.	Name of Research Scholar	Title	Name of Guide
1	Mrs. Merly Zachariah	Expenditure Pattern on Healthy by Elderly Women in Kerala	Dr. Tessy Kurian
2	Mrs. Rosamma Joseph	Changing Trends in Consumption Pattern in Kerala	“
3	Mrs. Bijo Joseph	Demographic Shift and Health Care Challenges of Kerala Economy	“
4	Mr. Shaji Kuriakose	Socio-Economic Background, Consumption pattern & Lifestyle Diseases in Kerala	“
5	Mrs. Bigily Jose	Trends in Migration of Backward Communities in Kerala	“

6	Mrs. anila Skaria	A Disaggregated Analysis of Social development in Kerala	“
7	Mrs. Preetha C	Empowerment of Tribal Community	“
8	Ms. Metilda George	State Local Fiscal Relationship – A Case Study of Poonjar Panchayath in Kottayam District of Kerala	Dr. Leena Mathew
9	Mr. Joseph J. Mattom	Impact of banking Sector Reforms on Kerala Economy	“
10	Mrs. Subi Elizabeth Oommen	Private Sector Participation in the Kerala Health System – A Case Study of Pathanamthitta District	“
11	Mrs. Jaimol James	Price Trends in Cardamom Industry – A Case Study of its impact in Idukki District	“
12	Mr. Shaji M.J.	Privatisation of the Insurance Sector – A Case Study of the Life Insurance Corporation of India, Kottayam	Dr. Leena Mathew
13	Miss. Resmi G.	New Trends in the Tourism Industry and its Impact on Environment – A Case Study of the Protected Area, Periyar Tiger Reserve	“
14	Mr. Xavier Kurian P.	The Impact of the Cochin International Airport on the centre for Perishable Cargo in Ernakulam District of Kerala	“

**23. List of Research Guides in your College (With e-mail and website)**

Dr. Tessy Kurian - Dept .of  
Economics [drtessy@gmail.com](mailto:drtessy@gmail.com)

Dr. Leena Mathew - Dept .of  
Economics [leenakuttiyil@gmail.com](mailto:leenakuttiyil@gmail.com)

□ Dr. Moly K.A – Dept. of Chemistry  
[bkcnanotech@gmail.com](mailto:bkcnanotech@gmail.com)

## KURIAKOSE ELIAS COLLEGE, MANNANAM

**1.Name of the College** : KURIAKOSE ELIAS COLLEGE, MANNANAM  
(With e-mail and website) [kecollegenm@gmail.com](mailto:kecollegenm@gmail.com) & [www.kecollege.in](http://www.kecollege.in)

**2.Name of the Principal** : Rev. Dr. Joseph O.C

**3.Staff Profile**

STAFF	MEN	WOMEN	SCHEDULED CASTE	SCHEDULED TRIBE	TOTAL
Teaching	49 16 (self-fin.)	16 27 (self-fin.)	Nil	Nil	65 43(self-fin.)
Non Teaching	25	6	Nil	Nil	31

#### 4. Courses Offered with Number of seats

UNDER GRADUATE	NUMBER OF SEATS		POST GRADUATE	NUMBER OF SEATS	
	MEN	WOMEN		MEN	WOMEN
B.Sc. Mathematics	29	61	M.Sc. Physics	8	15
Physics	41	40	Chemistry	02	21
Chemistry	23	49	Applied Stats.	04	14
Botany	26	43	Mathematics	09	41
Zoology	29	35	Biotechnology	01	03
Computer	50	40	M.A. Economics	12	16
EEM	78	07	M.Com.	06	26
B.A. English	43	66	MSW	20	26
History	44	20	B.L.I.Sc	01	02
Economics	70	40			
Psychology	35	53			
B.Com. (Commerce)	75	64			
<b>TOTAL</b>	<b>543</b>	<b>518</b>	<b>TOTAL</b>	<b>63</b>	<b>164</b>
<b>G. TOTAL</b>	<b>1061</b>		<b>G. TOTAL</b>	<b>227</b>	

#### 5. Student Intake , those Appeared in the Examination and Passed (M-Men, W-Women)

UNDER GRADUATE	APPEARED		PASSED		POST GRADUATE	APPEARED		PASSED	
	M	W	M	W		M	W	M	W
B.Sc. Mathematics	17	25	10	24	M.Sc. Physics	3	9	1	7
Physics	18	9	12	7	Chemistry	3	9	1	6
Chemistry	6	15	6	10	Applied Stats.	1	4	-	4
Botany	4	5	3	5	Mathematics	13	2	-	2
Zoology	9	5	6	4	Biotechnology	-	6	-	3
Computer	16	14	10	14	M.A. Economics	7	11	2	2
EEM	20	8	8	8	M.Com.	6	8	6	7
B.A. English	27	14	17	13	MSW	12	15	-	-
History	17	4			B.L.I.Sc				
Economics	29	17	17	12					
Psychology	10	19	7	16					
B.Com. Commerce)	23	22	15	20					
<b>TOTAL</b>	<b>196</b>	<b>157</b>	<b>111</b>	<b>133</b>	<b>TOTAL</b>	<b>45</b>	<b>64</b>	<b>10</b>	<b>31</b>

#### 6. Details of Tests cleared by Students

SL.NO.	NATIONAL LEVEL	STATE LEVEL	

## 7. Library

- (a) Total Number of Books : **47,689**  
(b) Total Number of Journals : **18**  
(c) Total Number of Periodicals : **101**  
(d) Number of titles added during the year : **687**

## 8. Grants Received From

- (a) State Government : Nil  
(b) Central Government : Nil  
(c) University Grant Commission :

UGC SCHEME	AMOUNT
Development Assistance to Colleges :	2,60,000
Postgraduate assistance (mathematics) :	4,00,000
Establishment of UGC-Network Resource Centre (UGC-NRC) (Second time assistance) :	1,12,000
Remedial Coaching for SC/ST/OBC (excluding creamy layer) and Minorities (atleast 100 students must belong to categories mentioned)	5,40,000
Coaching for NET/SET for SC/ST/OBC (excluding creamy layer) and Minorities (College with Postgraduate Departments Only) :	3,75,000
High Education for Persons with Special Needs (Component I – Establishment of Enabling Units for differently- abled persons) :	98,000
High Education for Persons with Special Needs (Component 3 – Providing special equipment to augment educational services for differently- abled persons – One time assistance) :	1,35,000
Sports Equipments :	2,50,000
Additional Assistance to covered Colleges :	22,50,000
<b>TOTAL</b>	<b>44,20,000</b>

(d) Others - Specify :

## 9. Projects Undertaken

### English Department

- (a) **Dr. Sujarani Mathew** - granted Minor Research project for Rs. 1,00,000 (The voice of the Subltern : A study of selected works of Flora Nwapa and Buchi Emeclata  
(b) **Mr. Rony George** - granted Minor Research project for Rs. 1,00,000 (A fictionalized version of history and politics in Salman Ruzhdies selected novels)

### Mathematics Department

- (a) **Dr. K.S. Bastian** - Minor project was started by U.G.C for Rs. 1,20,000/-  
(b) **Dr. Sunny Joseph** - Minor Project was started by U.G.C for Rs. 1,40,000/-

### **Commerce Department**

**Dr. Antony Thomas** - Minor research project was started by U.G.C - Rs. 80,000/- (Personal Finance of Young I T. Professionals in Kerala)

### **Physics Department**

**Dr. Jini Thomas** – Major Research Project (K.S.C.S.T.E) Development of Rare –Earth Containing Ceramic Perovskites with Colossal Dielectric Constant – Rs. 16 Lakhs

### **Chemistry Department**

**Dr. Jesty Thomas** – Major Research Project (D.S.T) Synthesis of stable, highly luminescent inorganic-organic hybrid materials by grafting lanthanide organic complexes on nanozeolite – Rs. 13 Lakhs

### **Department of Statistics**

Rev. Dr. Joseph O.C, Minor Research Project (UGC) - Construction of E-Optimal Regular Graph Designs and its Graphical Representation – Rs. 1,20,000

### **10.Seminars Conducted**

#### **(a) State Level:**

Mathematics Department - One state level seminar on object Oriented programming with C++ for P.G students

#### **(b) National Level**

Mathematics Department - One National Seminar on Fuzzy logic and its applications (September 27,28&29 2011 (UGC)

Physics Department : National workshop on New Trends in Materials Science 20th &21<sup>st</sup> December 2011 (U.G.C)

Department of Economics Workshop on Research Methodology and Data Analysis (SPSS) 8th & 9th December 2011 (U.G.C)

#### **(c) International Level : Nil**

### **11. Seminars Conducted by Faculty (Name wise –with details)**

#### **(a) State Level**

#### **(b) National Level**

- Fr. Johnson Joseph**, Psychology Dept.- Resource Person for Two days at National Level seminar on life skills on 9<sup>th</sup> April 2011.Organized by Mahatma Gandhi College of education, Solasseri T.N
- National Seminar on “fuzzy logic and its applications”

The Post Graduate Department of Mathematics, K.E. College, Mannanam had organised a National seminar on “Fuzzy Logic And Its Applications” (FLA<sup>2</sup>P) from 27-09-2011 to 29-09-2011. The seminar was inaugurated by Dr. Rajan Gurukkal, Vice Chancellor, M.G.University and Rev. Dr. Antony Edanad, Manager, K.E.College presided over the function. The Seminar would not have been



noteworthy, without the support from our Principal Rev. Dr. Joseph Ozhukayil, Prof. Josekutty Antony, Head of the Department and Dr. Sunny Joseph Kalayathankal, Convener of the National Seminar.

(c) International Level

## **12. Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

### **DEPT. OF PSYCHOLOGY**

#### **Dr. M.K. Mathew**

1. Psychological stress of compels before and after Adoption of child. KERALA NURSING FORUM 2011.VOL6 PAGES 14-20

### **DEPT. OF HINDI**

#### **Dr. Babu Joseph**

1. Published a Research Article on 'Krutata Ke Bahane' in Shodharnav, (January –March, 2011), Urai, Jaloan, U.P.
2. Published a Research Article on 'Kahanikar Mohan Rakesh- Ek Adhyayan' in Mesbah, (2011) Published by the Dept. of Hindi of the M.E.S. College Nedumkandam, .
3. Published a Research Article on 'Takazhi Sivsankar Pillai Ka Chemmeen Aur UdayShankar Bhatt Ka Sagar, Leheren Aur Manushya – Ek Tulnatmak Adhyayan' in Research Lines, (2011) Published by DevaMatha College, Kuravilangadu.
4. Published a Research Article on 'Samkaleen Hindi Kavita Par Media Sanskriti Ka Prabhav in the Proceedings of the three days U.G.C. Sponsored National Seminar conducted by the Dept. of Hindi, of M.E.S. College Nedumkandam (Iddukki), 2011.
5. Published 'Three F' – the Malayalam Translation of the story 'Yeh Kiska Kasur hei' written by the Notable Hindi Writer Smt. Suman Mehrotra in Teachers Voice, August, 2011.
6. Published a research article on ' Samkaleen Kavita mein Bharatiyata- Kumar Ambuj Ki Kavita Ke Vishesh Sanderbh Mein', in Anusheelan, January 2011, the research magazine of Cochin University of Science & Technology.
7. Published a research article on 'Kavita mein Bharatiyata-', in Shodhsree, December 2011, the research magazine of the Dept. of Hindi, DayalBagh University, Agra, U.P.
8. SAMKALEEN HINDI SAHITYA AUR MEDIA SANSKRITI (Ed.Book), Published by the Dept. of Hindi, M.E.S. College Nedumkandam, with ISBN No. 978-93-921470-00-1

### **DEPT. OF ENGLISH**

#### **Ms. Sujarani Mathew**

1. "Gender/ Race/ Class Paradigms in Ecofeminist Thought" *Baselius Researcher*.2011. ISSN 09758658
2. Three books -on 'Womanism' & Neurolinguistics
  - a. *Womanism: Off the Feminist Track* published by Dharmaram Publications
  - b. *Womanism-Sthree Chindayum Sidhandavum* (Malayalam) by Kairali Books

c. Mastiskabhasha –Prasaktiyum Prayogavum (Malayalam) by Kairali Books

**Mr Rony George**

**Journal Articles**

1. ‘The painful Dilemma of a post Colonial Writer’ Baseliuss Researcher ISSN 0975-8658 jan-June 2011 Vol.12.1
2. ‘ Walter Scott as a Novelist: A Critical Review’. Misbah – MES College, Nedumgandam. ISSN 0976-2523. March 2011.
3. ‘A critical Review of George Eliot as a Novelist’. Research Lines(ISSN No. 0975- 8941)Vol 4No. 1 .A Jun.2011. Devamatha College Kuravilangad.
4. ‘ The Use of History in Salman Rushdie’s ‘Midnights Children: A critical Analysis. S. B. Academic Review (ISSN 0973-7464). S. B College , Changanacherry.

**DEPT. OF BOTANY**

1. **Prof. George Joseph** and **Fr.Dr.Jose John** attended the two days CBCSS Botany Curriculum Review Workshop held at M.G. University from 21<sup>st</sup> to 22<sup>nd</sup> July 2011.
2. **Fr.Dr.Jose John** participated the two days UGC sponsored National Level Seminar on “Science of Identifying Research Problems and Crafting of Proposals” at St.Joseph’s Training College, Mannanam on 25<sup>th</sup> and 26<sup>th</sup> February 2011.
3. **Fr.Dr.Jose John** participated in UGC sponsored national conference on Bioprospecting of plant genetic resources of western ghats, at St.Thomas College, Pala, 2011.
4. **Fr.Dr.Jose John** participated in the UGC sponsored national conference on Bioprospecting of plant genetic resources of western ghats, at St.Thomas College, Pala, 2011.
5. **Fr.Dr.Jose John** participated in the UGC sponsored national seminar on Biodiversity and bioprospecting with reference to plants and microbes (BIOPROS-11), at St.Albert’s College, Ernakulam, 2011.
6. **Fr.Dr.Jose John** participated in Short Term Training on Advanced Research Techniques (START) for Life Science from March 14<sup>th</sup> – 25<sup>th</sup>, 2011 at National Facility for Marine Cyanobacteria & Bioinformatics Centre, Bharathidasan University, Tiruchirappalli.
7. **Fr.Dr.Jose John** participated in the UGC sponsored Orientation Programme at ASC, Himachal Pradesh University, Shimla from 29-8-2011 to 24-9-2011.
8. **Fr.Dr.Jose John** participated in the two days Hands on Workshop in DNA Barcoding conducted at S.H. College, Thevara, Kochi, from 29<sup>th</sup> November to 30<sup>th</sup> November 2011.

**DEPT. OF MATHEMATICS**

**Mr. Sunny Joseph Kalayathankal**

1. Ordered intuitionistic fuzzy soft model of flood alarm, Iranian Journal of Fuzzy Systems Vol. 8, No.1, (2011) pp 29-39.

2. Ordered Intuitionistic Fuzzy Soft sets, Journal of fuzzy mathematics, 19(1), 2011.
3. Ordered Intuitionistic Fuzzy Flood Index Model, Journal of fuzzy mathematics, 9(1), 2011.
4. Fuzzy Similarity Measures of Ordered Intuitionistic Fuzzy Sets, International Journal of Fuzzy Mathematics and Systems V(1), 2011, 155-159.
5. Ordered Intuitionistic Fuzzy Model of Flood Alarm, Iranian Journal of Fuzzy Systems, Accepted for publications (2011)

### **DEPT. OF CHEMISTRY**

#### **Dr. Jesty Thomas**

1. Synthesis of Ag doped nano TiO<sub>2</sub> as efficient solar photocatalyst for the Degradation of endosulfan Jesty Thomas, Praveen Kumar K, Chitra K.R, Adv. Sci. Lett., Vol. 4, 1–7, 2011.
2. Enhancement of sunlight photocatalysis of nano TiO<sub>2</sub> by Ag nanoparticles stabilized with D-Glucosamine, Jesty Thomas, Praveen Kumar K, Suresh Mathew, Sci. Adv. Mater. (2011), 3, 1-7.
3. Biomimetic approach to artificial photosynthesis using the nanocomposite C-TiO<sub>2</sub>-Zeolite Y-heteropolytungstic acid, Jesty Thomas, Jooran Lee, Minjoong Yoon, Korean Chemical Society , April 28-29, 2011, Jeju ICC, S.Korea.

#### **13. Research Highlights of Faculty/Scholars (A Short Discription)**

- **Dr. M.K. Mathew - Psychology Dept.**:-Two of Ph.D scholars have completed their research work and submitted their Ph.D thesis.
- **Fr. Dr. Jose John, Dept. of Botany** secured the Best Paper Award at the National Symposium on Innovative and Modern Technologies for Agricultural Productivity, Food Security and Environment Management conducted by Society for Applied Biotechnology, Mangalore during July 22-23, 2011
- **Ms. Rani Sebastian, Dept. of Statistics** secured the Young Statistician Award conducted by the Indian Society of Probability and Statistics (ISPS), held at Cochin during December 2011.

#### **14. Academic Achievements (A Short Discription)**

**Dr. T.M. Mathew - History Dept.**:-Resource Person:- refresher course in History Academic staff college, kariavattom, thiruvananthapuram 2012 onwards

**Dr. Antony Thomas** - Commerce Dept. Published 4 books

1. Information technology for business  
2010
2. Information technology for office -  
2011
3. Practical Auditing-2011
4. Database Management system for business-2011

### **Department of Chemistry**

1. One faculty member attended a training programme in Tools and Techniques in Molecular Biology conducted by CUSAT
2. Three members participated the workshop which restructured the M.Sc. Syllabus

3. One faculty member is the PG Board of studies

**15. Student Achievements - Academic (A Short Discription)**

**16. Students Activities/ Achievements –(Extra Curricular)**

**(D) AWAKE-2011 - A CULTURAL FEST EXCLUSIVELY FOR THE SPECIAL SCHOOL CHILDREN**

Association of Social workers Elias College Mannanam (ASWEM) organized AWAKE' 11 (Adoration to the world from ASWEM Kuriakose Elias college), a cultural fest for the intellectually challenged children on 3<sup>rd</sup> October 2011. The programme was inaugurated by Padma bhushan Dr. K.J. YESUDAS. College manager Rev. Dr. Antony Edanad CMI presided over the meeting. Children from 28 special schools participated in the programme. The valedictory function was inaugurated by the National Award winner film actor Mr. Salim Kumar. The major objective of AWAKE '11 was the awakening of the social conscience towards intellectually challenged children. The programme was attended by about 1000 people and was really spectacular.

**(2) Ms. Nimisha Ann Boban, 1<sup>st</sup> B.A. Psychology, Best actress for Drama Fest –M.G. University**

(3) Ms. Kavya Radhakrishan, B.Sc. Botany, won 1<sup>st</sup> prize in Folk dance and classical dance (Bharthanatiyam) at College level.

(a) National Cadet Corps

- 6 Batch for Pre Nau Sainik Camp, Kollam,
- 1 Cdt for ALC., 3 Cdts for ATC 2011 at K.E. College, Mannanam
- One sergeant promoted to u/o. secured C certificate and another cadet secured B certificate.

(b) National Service Scheme

**SUMMARY OF THE NSS PROGRAMME 2011-2012**

1. Clean campus -Green campus programme
2. Onam celebration – September 2
3. Orientation programme and NSS day celebrations - September 24
4. Signature campaign of old age day – October 1
5. Participation in Awake 2011 – October 3
6. AIDS day awareness programme -December 1
7. Seven days Special camp at St. Sebastians High School Ayarkunnam –December 23 to 29
8. Legal awareness programme – 12<sup>th</sup> January 2012
9. Three days camp – January 20<sup>th</sup> to 22, 2012
10. Health Awareness Programme – 12<sup>th</sup> March 2012
11. Participation M.G. University INBOFA International book fare
12. Visited Sub Jail Kottayam – January 30

**Students Participated in various State/ National Programmes**

13. Mr. Anoop .P – Participated in National Integration camp held at Bangalore

14. Students participated in various inter-collegiate camps

**(c) Arts Festivals**

**(d) Sports**

Three of our athletes participated in the M.G. University Athletic championship held at Maharajas college Ernakulam on 1<sup>st</sup> and 2<sup>nd</sup> December

**(e) Games**

- Our Volleyball team won the Poovakottu Mani Memorial All kerala Intercollegiate Volleyball tournament held at Devamatha College Kuravilangad; on 21<sup>st</sup> to 28<sup>th</sup> October 2011
- In the M.G University south zone Volleyball championship we are the winners and in the intercollegiate zone championship we got 3<sup>rd</sup> place.
- K.E. Trophy volleyball championship held at K.E College Mannanam we got the 2<sup>nd</sup> place.
- Again our volleyball team participated in the Baseliious College, Kottayam and St. Stephens College Uzhavoor Volleyball Tournaments and Kottayam District Volleyball Championship.
- Our cricket team participated in the M.G. University cricket tournament held at C.M.S.Ccollege Kottayam.
- Our Basket ball team also participated in the M.G. University intercollegiate tournament held at Mangalam college Ettumanoor

**17.Industry Varsity Linkage (If any, Short Discription)**

**18.Academic Tie-Ups ( if any )**

**19.Student Progression**(eg: Former student cleared civil service, joined MIT, Post docroal fellowships ) One student from Department of mathematics passed NET exam

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	<b>Wipro technologies Ltd</b>	5	5	1	1
2	<b>South Indian Bank</b>	6	7	3	3
3	<b>H.D.F.C Bank</b>	2	2	1	

**21.Number of PhD's Produced if your college is an approved Research Centre**

**22. Research Scholars Registered in the College, if your college is an approved Research Centre**

Sl.No	Name of Research Scholar	Title	Name of Guide
1	<b>Sanji.J</b>	<b>Socio-economic scenario of the Migrated people in the Dst. of Pathanamthitta</b>	<b>Dr. Rosamma Mathew</b>

**23.List of Research Guides in your College (With e-mail and website)**

**Mathematics Dept:-Prof Josekutty Antony is a Research guide for M.Phil of Annamalai University guided 3 students to submit their M.Phil dissertations**

**Kuriakose Gregorios college, Pampady**

**1.Name of the College** : Kuriakose Gregorios College, Pampady  
 (With e-mail and website) e-mail : [mail@kgcollege.ac.in](mailto:mail@kgcollege.ac.in)  
 Website : [www.kgcollege.ac.in](http://www.kgcollege.ac.in)

**2.Name of the Principal** : Dr.M.E. Kuriakose

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	8	13			21
Non Teaching	7	2			9

**4.Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BA Economics - 40											
B.Sc. Physics 24			M.Sc.Phy. 20(SFC)								
B.Sc. Zoology 24											
B.Sc.Chemistry 20											
B.Com. 32			M.Com 15						15	11	04
BBA (SFC) 60											

**5.Student Intake**

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BA Eco:	11	20	10	17															
B.Sc. Phys.	08	08	07	06	M.Sc. Physics	06	11	0	02										
B.Sc. Zool.	04	08	02	07															
B.Sc. Chem.	04	13	01	11															
B.Com.	20	13	17	13	M.Com.	06	08	06	07										
BBA	26	25	11	21															

**6.Details of Tests cleared by Students** : Nil

## 7. Library

- (a) Total Number of Books : 14238 books  
(b) Total Number of Journals : 8  
(c) Total Number of Periodicals : 43 Nos.  
(d) Number of titles added during the year : 766

## 8. Grants Received From

- (a) State Government : Nil  
(b) Central Government : Nil

## (c) University Grant Commission :

19.04.2011	.	`	5,000.00
19.04.2011	.	`	2,00,000.00
29.04.2011	.	`	15,000.00
09.05.2011	.	`	1,00,000.00
23.05.2011	.	`	20,000.00
23.05.2011	.	`	14,000.00
02.06.2011	.	`	2,07,902.00
18.10.2011	.	`	2,76,711.00
14.11.2011	.	`	9,99,145.00
22.11.2011	.	`	12,000.00
22.11.2011	.	`	1,20,000.00
25.11.2011	.	`	60,000.00

` 20,29,758.00  
=====

- (d) Others - Specify - Nil

## 9. Projects Undertaken

- (a) Minor Project By: Smt. Rachel Punnoose, Associate Professor in Commerce  
Title : "Marketing of the products of Kudumbasree in Kerala"  
(b) Minor Project By: Dr. J. Nalini, Associate Professor in Commerce  
Title : "Medical Waste Management in Kerala" - A study with special reference to Kottayam District.

## 10. Seminars Conducted

- (a) State Level : Nil  
(b) National Level : Two days National Seminar on Application of Statistical Techniques in Commerce and Management Research on 10<sup>th</sup> & 11<sup>th</sup> January 2011.  
(c) International Level : Nil

## 11. Seminars Conducted by Faculty (Name wise –with details)

- (a) State Level  
(b) National Level  
(c) International Level

## 12. Publications by the Faculty with Impact factor of the Publications (A Short Description)

**Department of Commerce** : Prof. Mini Jose (Assot. Prof. ) - "How the conservative policies saved India from Global Financial Crisis" authorized by Prof, Mini Joseph & published in the journal of JMI Arts and JJP Science College, Nagapur.

**Department of Zoology** : Journal of the Marine Biological Association of India Vo.53(1) : 116-120

### **13. Research Highlights of Faculty/Scholars (A Short Description)**

Department of History : Joy Thomas doing research under FDP in MG University

Department of Commerce: Two Faculty Member (Mini Joseph & Roy Mathew Vettoor) pursuing Ph.D. have availed FIP.

### **14. Academic Achievements (A Short Description)**

- (a) Dept. of Economics:  
87.09% result secured in the final year BA degree examination 2011
- (b) Dept. of Physics:  
81.025% result secured in the final year B.Sc. Physics degree examination  
2011 11.76% result secured in the final year M.Sc. degree examination 2011
- (c) Dept. of Zoology  
75% result secured in the final year BSc. Zoology examination 2011
- (d) Dept. of Chemistry  
70.58% result secured in the final year degree (Chemistry) examination 2011
- (d) Dept. of Commerce  
90.90% result for B.Com. final year degree examination 2011  
92.85% results in M. Com. Degree Examination in March 2011.
- (e) Dept. of BBA  
62.74% result secured in the final year BBA degree examination 2011

### **15. Student Achievements - Academic (A Short Description)**

Department of Commerce: Students qualified NET : 7  
Passed CPT : 6  
Qualified CA inter : 1

### **16. Students Activities/ Achievements –(Extra Curricular)**

Vysak K.S. (B.Sc. Zoology) – 2<sup>nd</sup> in Collage & 3<sup>rd</sup> in Rangotri. – Inter  
University South Zone Competitions held at Thanchavoor

Manu Thankachem (BSc. Zoology) participate as a player in the Indo Nepal  
Invitational T 20 Cricket Championship – June 2011

### **National Cadet Corps**

K.G. COLLEGE, PAMPADY (COY – 7)

K.G. College NCC Unit Coy-7 with Its Motto “Unity and Discipline” is one of the best organization of the college. The company is functioning under 16(K) Bn. NCC, Kottayam of Kerala and Lakshadweep Directorate. The Unit is guided by Associate NCC Officer Lt. Roy Mathew Vettoor, Associate Professor, Department of Commere and Caretaker Mr. Abu Joseph, Assistant Professor, Department of Physical Education in-charge. The Coy is enrolled with a total strength of 107 cadets (Both SD and SW cadets).

Details of Coy in-charge

The Seniors Cadets in-charge of Coy for this year were:

S U/O Chandana V.V. VI Semester B.Com. (TSC 2010)

J U/O Thomas Joseph, IV Semester Physics (TSC 2011)

J U/O Jeffy C. John, IV Semester Chemistry)

COMS Jomon George, I V Semester BA Economics

Parades of COY.

K.G. College Coy held its opening ceremony (1<sup>st</sup> Parade for the year) on 15<sup>th</sup> August 2011 by celebrating independence Day, Principal Dr.M.E. Kuriakose hoisted the National Flag and conveyed the Independence Day message.

On 26<sup>th</sup> January, Republic Day was celebrated grantly, Prof.K.J. Cherian, Associate Professor, Department of Economics was the chief guest. Senior Cadets Rameez Muhammed (RDC 2010) and Deepak A.C. were Present during the function.



### **Camps**

A team of 32 cadets attended combined Annual Training Camp at K.E. College, Mannanam , our cadets held various senior positions of the camp . The cadets also participated in other competitions (Drill, Guard, Cultural Programmes, sports and games etc.)

About 30 cadets attended annual training camp at Government College, Nattakom, They performed well in the camp. Amal Gopal of 1 year Physics got 2<sup>nd</sup> prize for firing competition.

### **Achievements**

J U/O Thomas Joseph attended Thal Sainik Camp, 2011 at Delhi Cantt representing Kerala and Lakshadweep Directorate. He participated in Tent pitching and won 2<sup>nd</sup> prize.

CSM Roni John attended Pre-IGC of Thal Sainik Camp. He is one of the best obstacle crosser. He participated in Trekking camp at Gujarat.

SGT Jijo George attended All India Trekking Expedition held at

Malayatoor. SGT Ajith P.V. attended National Integration camp at Kollam.

### **Excellent Performances of the year**

Our Cadets were given duty in various functions. They discharged them without any objection. Our guard team showed a fantastic performance this year. They gave guard of Honour for various dignitaries arrived at the college for different functions.

The usual training imparted the aims of NCC and Made the Cadets courageous. Adventurist and so on. It helped to develop them internally and externally overcoming all the threats. The company showed a fantastic performance for the academic year 2011-12 and still continuing its success journey.

Be a Cadet, proud to be Indian. Jai Hind.

### **National Service Scheme**

The following activities were organized by the NSS unit to promote social awareness, interpersonal skills and discipline among students.

#### **Orientation Class**

The college NSS unit organized an orientation class for the new NSS volunteers during their academic year. The session was lead by Prof.,Joy Joseph (KG College, Pampady), former NSS Regional Co-ordinator. The session was informative to the 100 NSS volunteers whom participated in the class.

### **Camps**

#### **Seven Day Camp**

The 7 day camp for the year was held at St.Mary's L.P. School Kanayankavayal from December 23-29, 2011. Around 75 NSS volunteers took part in the camp. The main activities were cleaning the premises of St.Mary's L.P. School and Government H.S., Kanayankavayal. The camp was inaugurated by Smt.Bijimol M.S., M.L.A. Peermede, Dr.M.E. Kuriakose , Principal, K.G. College, Pampady, Prof.Rajan George Panicker, Bursar, MBC CET, Peermade, Smt.Joshy Joseph, Panchayat Member, addressed the gathering. The camp was noted for active participation of NSS volunteers and the Kanayankavayal Village community

#### **Three Day Camp**

The 1<sup>st</sup> 3 day camp for this year was held at K.G. College, Pampady from Jan. 13 to Jan. 15 2012. The main activities were the cleaning of beautification of the college campus and making arrangements for the conduct of college annual sports day. The camp was attended by 55 NSS volunteers.

#### **Nature Camp**

The 3 day nature camp of the NSS unit was conducted at Wildlife Division, Vellappara, Idukki from Feb. 27-29, 2012. 40 students from various disciplines took part in the camp. The camp included lecturer class, audio-visual presentation, field visits, meditation session and interaction with resource personnel. The NSS unit visited Idukki Dam Site after the conclusion of the camp at 9.00 a.m. on 29 Feb. 2012.

#### **Other Activieis**

The college NSS unit observed the Word Elders' Day on Oct. 4 2011. A signature campaign organized in this connection was inaugurated by Dr.M.E. Kuriakose, Principal, K.G. College. It was specially noted for the active participation of NSS volunteers and whole college community.

A legal literacy class was organized for II<sup>nd</sup> year degree students by the NSS unit in association with Kerala State Legal Services Authority on 24<sup>th</sup> Jan. 2012.

**(c) Arts Festivals**

The college Arts Club has been quite active throughout the year. It would initiate and organize all routine projects successfully. Among the notable events during the first half of the academic year was the meaningful celebration of Onam. Through a full day schedule various competitions, a special message by an invited speaker, Onam Sadya and events to commemorate the cultural heritage were conducted under the auspices of Arts Club.

The Annual Arts Fest of the College SAMANVAYA, was conducted through two weeks with two exclusive days for on-stage items. Competitions were held in about 50 events, including all statutory items prescribed by the by the University along with a few exclusive K.G. events.

The College has constituted the largest contingent in the recent years to the University Arts Fest 2012 this year, comprising 35 students.

In addition to these, Arts Club has nominated participants to several Intercollegiate Arts Fests, Quiz Competitions etc.

**(d) Sports**

**Department of Physical Education – Annual Report 2011**

Faculty : Abu Joseph C. – HOD & Assist. Professor.

Physical Education Department caters to the different physical and recreational needs of students and teachers. Apart from extra-curricular activities Physical Education Department entered into academical arena with the “Open Course” offered to the V<sup>th</sup> Semester Degree Programme Students – “Physical, Health and Life Skills Education”.

48 students from other departments enrolled for open course in Physical Education in two batches . It is a matter extreme happiness to announce that 100% results were obtained in University Examination. All student exhibited extreme interest and enthusiasm to the various theoretical and practical aspects in the course.

Other major highlights of the year includes

**Special Achievements**

1. ***Manu Thankachen***, IV Semester B.Sc. Zoology Degree Programme Student represented Kerala State in T 20 Tournament held at Kathmandu, Nepal and Colombo , Srilanka bringing glory and laurels to the college and department out side India.

2. The only faculty of the Department Sri.Abu Joseph, Assistant Professor in Physical Education was appointed as Manager of M.G. University Tennis Team (Men) which participated in South Zone Inter-university Tennis Championship held at Manipal University, Manipal near Mangalore, Karnataka State. Team reached at Pre-quarter stage. Uu=

Other major highlights of the year include (1) Construction of the Concrete Tennis Court with the aid of U.G.C. fund. (2) Construction of a Volleyball Court by the side of Tennis Court by utilizing the allowed the UGC fund. (3) Reallocation of the college Gym to a new venue with newly purchased single station units for the development of various muscle groups by utilizing the UGC fund to its maximum. (4) Purchase of various renowned books in Physical Education and Sports to cater the reference needs of open course students with the aid of UGC funds. (5) Formation of college ***aerobic team*** which conducted an aerobic display during the inaugural function of college annual athletic meet.

Other routine activities of the department includes (a) participation in the Intercollegiate tournaments (b) conduction of annual athletic meet. (c) functioning of health club

(a) Participation in the Intercollegiate Tournaments

1. Participated in M.G. University Tennis Champion ship (Men) held at Rajiv Gandhi Indoor Stadium,Kadvanthra, Cochin on August 2011.

2. Participated in MG University Weight Lifting & Body Building Championship held at St.Joseph’s Engineering College, Choondacherry, Pala on December 2011.

3. Participated in M.G. University Inter-collegiate Cricket Tournament (men) South Zone, held at CMS College, Kottayam on September 2011.

4. Participated in M.G. University Shuttle Badminton Championship (Men) held at St.Dominic's College, Kanjirappally on January 2012.

(b) Conduction of annual athletic meet

College Annual Athletic Meet is the "Two Day Glamour Event" of the Department. It is conducted in a ceremonial and Systematic manner. The meet was inaugurated by Prof.Mariamamma George V.(V ice Principal), HOD, Chemistry, of this college, who is retiring from service this year.

**Shine Varghese** of the VI Semester Zoology Degree Programme Student and **Snehalatha V.S.** of the VI Semester Economics Degree Programme Student were declared **individual champions** in **Men and Women** section respectively.

(c) Functioning of health club

College Health and Fitness Club is re-located with new equipments and single station units purchased with allocated UGC funds. Its caters to the varied health needs of students and teachers.

(e) **Games**

**Organization of intra-murals**

In the college, intra-mural (inter-house) competitions in sports and games are being conducted in excellent manner. The whole college is divided in to 4 houses ie. **TUSKERS, CHALLENGERS, WARRIORS AND RIDERS.**

Competitions in throw-ball for women and volley ball, foot ball and cricket for men are being organized in systematic and sporty manner. Winners are honoured with prizes and certificates.

**17.Industry Varsity Linkage (If any, Short Description)**

**18.Academic Tie-Ups ( if any )**

**19.Student Progression** : Nil

(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No.Students Attended		No. Students Selected	
		M	W	M	W
1	South Indian Bank	7	4	3	2
2	M.R.F.	4		1	

**21.Number of PhD's Produced if your college is an approved Research Centre**

**22. Research Scholars Registered in the College, if your college is an approved Research Centre**

Sl. No.	Name of Research Scholar	Title	Name of Guide	
	(Annexure – I) (Separate Statement attached)			

23.List of Research Guides in your College (With e-mail and website)

6. Dr. P.N. Harikumar
7. Dr.J. Nalini [nalini914@gmail.com](mailto:nalini914@gmail.com)
8. Dr. Johnson B.
9. Dr. Biju T.

Annexure I

SUPERVISING TEACHER	RESEARCH SCHOLAR	TITLE OF THE STUDY
	1   PRADEEP KUMAR	A STUDY ON THE MARKETING OF AQUACULTURE PRODUCTS IN KERALA
	2   AJITH P.S.	A STUDY ON THE EFFECTIVENESS OF SOLID WASTE MANAGEMENT OF MUNICIPALITIES IN KERALA
	3   ANILKUMAR V V	A STUDY ON THE ROLE OF DISTRICT COOPERATIVE BANKS IN THE FINANCIAL INCLUSION IN KERALA

	4	DINESH P.K.	A STUDY ON THE MARKETING PROBLEMS OF SELF HELP GROUPS IN KERALA
	5	LAKSHMANANAN M P	MARKETING STRATEGIES OF LIC FOR NEW PRODUCTS AND SERVICES
	6	MOHANADASAN T	EMOTIONAL INTELLIGENCE AND MANAGERIAL SKILLS – A STUDY ON THE MANAGERS OF NEW GENERATION BANKS IN KERALA
	7	JANARDHANAN M.K.	THE ROLE OF NGOS IN THE ECONOMIC UPLIFTMENT OF THE WEAKER SECTION IN KERALA
	8	SEETHALAKSHMI	LEADERSHIP STYLES AND PERFORMANCE OF MANAGERS IN SELECTED NATIONALISED BANKS IN KERALA

DR. J.NALINI	1	SREEDHARAN P.N.	WILD LIFE TOURISM IN KERALA - PROBLEMS AND PROSPECTS
	2	KRISHNA VCENI S	MANAGEMENT OF HUMAN RESOURCES AND KNOWLEDGE ASSETS – A STUDY ON THE AYURVEDA INDUSTRIES IN KERALA
	3	NEETHU GEORGE	QUALITY WORK LIFE AND ORGANISATION COMMITMENT OF EMPLOYEES IN THE PUBLIC SECTOR BANKS AND NEW PRIVAGE SECTOR BANKS IN KERALA
	4	SHIJUMON K.S.	A COMPARATIVE STUDY OF WATERSHED PROJECTS UNDER WESTERN GHAT DEVELOPMENT PROGRAMME IMNPLEMENTED BY GRAMA PANCHAYATS AND NON GOVERNMENTAL ORGANISATIONS IN KERALA
	5	BINIJA GEORGE	A STUDY ON THE PROBLEMS OF MICRO, SMALL AND MEDIUM ENTERPROSES IN KERALA
	6	ABBAS VATTOLI	STOCK MARKET INDEX AND ITS FUNCTIONAL APPLICATIONS - A STUDY WITH SPECIAL REFERENCE TO KERALA
	7	A ABDULNIZAR	PILGRIM TOURISM IN KERALA – AN EVALUATIVE STUDY

## St. BERCHMANS COLLEGE, CHANGANACHERRY

**1. Name of the College** : St Berchmans College, Changanacherry  
(email and website) : sbcollege@dataone.in & w.w.w.sbcollege.org

**2. Name of the Principal** : Rev Dr Tomy Joseph

**3. Staff Profile**

	Men	Women	Scheduled Caste	Schedule d Tribe	Total
Teaching	103	0	0	0	103
Non Teaching	41	0	0	0	41

#### 4. Courses offered with number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
First Year	359	8	I & II MBA	63	56	16	3	13	10	4	6
Second Year	301	12	I year PG	65	176						
Third Year	325	6	II year PG	55	184						

#### 5. Students Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
UG	297	13	160	0	PG	53	182	0	0								
I DC	314	6	190	0	I PG	51	181	33	146								
II DC	289	5	269	2	II PG	27	30	0	0								
III DC					I MBA	24	35	16	127								
					II MBA												

#### 6. Details of Tests cleared by students : Nil

#### 7. Library

(a) Total Number of Books	: 126767
(b) Total Number of Journals & Periodicals	: 228
(c) Number of titles added during the year	: 500

#### Receipts and Payments account

#### Career Oriented Programme

for the period from 1.1.2010 to 31.12.2010

Account Name	Receipts	Payments
Op. Balance- Bank Accounts- SBT-57002986394	4,17,913	
UGC Grant- Bank Interest-	14,782	
Plant Tissue Culture	10,00,000	
Total	10,14,782	
Closing Bal. Bank Accounts -SBT-57002986394		14,32,695
<b>Total</b>	<b>14,32,695</b>	<b>14,32,695</b>

**Receipts and Payments account**  
**College with Potential for Excellence**  
**For the period from 1.1.2010 to 31.12.2010**

<b>Account Name</b>	<b>Receipts</b>	<b>Payments</b>
<b>Op. Balance- Bank Accounts- Canara Bank-62081</b>	<b>1,87,404.50</b>	
Current Assets		
Bank Interest	16,912	
<b>Total</b>	<b>16,912</b>	
Closing Balance-Bank Accounts-Canara Bank-62081	0	2,04,316.50
<b>Total</b>	<b>2,04,316.50</b>	<b>2,04,316.50</b>

**Receipts and Payments account**  
**UGC PD Account**  
**For the period from 1.1.2010 to 31.12.2010**

<b>Account Name</b>	<b>Receipts</b>	<b>Payments</b>
Op. Balance- Bank Accounts- Treasury Account	8,09,144	
UGC Grant		
Equal Opportunity Centre in Colleges	75,000	20,000
High Education for persons with SP	90,000	
Minor Research Project	58,000	3,93,000
PG Grant-Commerce Equipment	1,50,000	
PG Grant-English (Any others)	1,20,000	
PG Grant-English Books & Journals	80,000	250
PG Grant-English Equipment	80,000	
PG Grant Malayalam Books & Journal	60,000	1,125

PG Grant Malayalam Equipment	1,20,000	62,600
PG Grant Malayalam Field work/Stud	30,000	10,000
PG Grant-Commerce Books and Journals	60,000	900
SC/ST/Minority/OBC/(Non creamy layer	1,00,000	1,00,000
Seminar(Economics)	13,900	14,500
Seminar Maths	6,000	6,000
UG Grant XI Poan-Book & Journals	0	23,738
<b>Total</b>	<b>10,42,900</b>	<b>6,32,113</b>
Closing Bal.Bank Accounts- Treasury A/c.		12,19,931
<b>Total</b>	<b>18,52,044</b>	<b>18,52,044</b>

**Receipts and Payments account**

**Womens Hostel**

**for the period from 1.1.2010 to 31.12.2010**

<b>Account Name</b>	<b>Receipts</b>	<b>Payments</b>
Op. Balance- Bank Accounts- South Ind. Bank-340531629	3074902	
Womens Hostel Bank Interest	54125	24273
<b>Total</b>	<b>54125</b>	<b>24273</b>
Closing Balance Bank Accounts- South Indian Bank-340531629		
<b>Total</b>	<b>3129027</b>	<b>3129027</b>

**ANNUAL REPORT 2010 - 2011**  
**NCC Army wing, SB College, Changanassery**

St. Berchmans College NCC army sub unit comes under the 15 Kerala Battalion NCC Thiruvalla. It has a sanctioned strength of 160 SD cadets. The sub unit also offers entry to the plus one students of the neighbouring higher secondary schools under open quota scheme. This year 64 new cadets were enrolled under own and open quota (first degree and plus one students) and the present cadet strength for the academic year 2010 – 11 is recorded as 139. Presently Mr. Salvy Thomas is in charge of the subunit as caretaker; Mr. Pranav Murali and Mr. Sebastian Antony as Senior Under Officer and Master Sergeant.

Enrolment for the first year students were conducted on 8<sup>th</sup> July 2010 at SB College campus under the direction of the Commanding Officer Col. N Y George of the 15 (K) BN NCC, Thiruvalla. This year the subunit conducted 20 full day parades with proper drill and lecture classes and cordially celebrated the Independence Day 2010 and Republic day 2011 with maximum cadet strength. The principal was the chief guest of these occasions.

40 cadets of the subunit successfully attended the 10 day Annual Training Camp (ATC) conducted at HS Ithithanam during the Onam holidays, 2010. Sgt. Anvin John and Sgt. Sachin S Nair attended the National Integration Camp (NIC) at Gujarat. M. Sgt. Sebastian Antony and Cpl. Nivin Antony attended the NIC Gujarat Trekking. Cpl. Rex Mathew George successfully attended the NIC at Kollam.

This academic year the subunit achieved two remarkable events. Sgt. Sivaprasad P was selected for the Republic Day Parade (RD) 2011 at Delhi. Cpl. Akhil K Thomas and Cpl. Nikhil K Thomas were selected and successfully attended the Thal Sainik Camp (TSC) 2010 at Delhi.

The cadets actively engaged in various social activities such as blood donation, campus cleaning, election duty etc. 35 army cadets of the college participated the local body election 2010 as special police officers (SPO) and took part in the election machinery of our country. As a part of the social service, the sub unit conducted a cleaning campaign at the Botanical Garden of SB College on 12<sup>th</sup> February, 2011.

This year, 20 cadets are appearing for the C certificate examination and 40 cadets for the B certificate examination. Mr. Salvy Thomas (Caretaker) has appeared for the ANO's interview conducted at NCC group Head Quarters, Kottayam and NCC Directorate, Thiruvananthapuram on 20<sup>th</sup> December, 2010 and 4<sup>th</sup> February, 2011 respectively.

The sub unit is thankful to the Principal and management of SB College for providing necessary facilities and support for the regular activities of NCC and also grateful to the CO and other staff of the 15 (K) BN NCC Thiruvalla, for their help and support.

**PROFILE 2010 - 2012**  
**NCC Naval wing, SB College, Changanassery**

St. Berchmans College NCC naval sub unit comes under the 5 Kerala Battalion NCC Changanassery. It has a sanctioned strength of 50 SD cadets. Every year 30 cadets are newly enrolled from the first year students. Present cadet strength for the academic year 2010 – 11 is recorded as 50. Mr. Antony Joseph K acted as the ANO for the past eight years. Presently Mr. Soji Joseph is in charge of the subunit as caretaker for the past two years; Mr Antony Roney Joseph is the Cadet Captain.

Enrolment for the first year students are conducted during the month of July in the College campus under the direction of the Commanding Officer of the 5 (K) naval NCC, Changanassery. Every year the subunit conducts 20 full day parades with proper drill and lecture classes and cordially celebrates the Independence Day and the Republic day along with NCC army subunit. The principal will be the chief guest of these occasions.

Eighty percent of the cadets of the subunit successfully attended the 10 day Annual Training Camp (ATC) conducted at KE College Mannanam (Dec.2011) and St.Thomas College Palai (Dec.2010).

**(2010-2011)** Cdt. Antony Rony Joseph (Ist DC Physics) and Cdt. Surya Rohit (II BA Economics) were selected for the Republic Day Parade (RD) 2011 at Delhi.



The NCC Naval subunit won the overall championship in sports and games as well as cultural activities during the ATC at St. Thomas College, Palai.(2010) and in 2009 at SB HSS, Changanacherry. CC Arun Stephen (III DC Maths) was selected as the best spirited cadet of the camp.

The cadets actively engaged in various social activities such as blood donation, campus cleaning, election duty etc. 15 naval cadets of the college participated in the local body election 2010 as special police officers (SPO) and took part in the election machinery of our country.

This year, 15 cadets are appearing for the C certificate examination and 29 cadets for the B certificate examination.

Mr. Soji Joseph (Caretaker) has appeared for the ANO's interview conducted at NCC group Head Quarters, Kottayam and NCC Directorate, Thiruvananthapuram on 20<sup>th</sup> December, 2010 and 4<sup>th</sup> February, 2011 respectively.

#### **NCC Activities 2011-2012**

Soji Joseph, Caretaker of 5/5 naval NCC unit SB College Changanacherry, attended ANO's training camp at Camptee, Maharashtra from 4<sup>th</sup> July to 23<sup>rd</sup> July and at Naval base cochin from 8<sup>th</sup> August to 8<sup>th</sup> October 2011. Took charge as ANO of SB College on 10<sup>th</sup> October 2011.

Cdt. Captain Antony Rony Joseph (II DC Physics) and Sr. Cdt. Surya Rohit (III BA Economics) were selected for the Youth Exchange Programme to Taiwan, Malasia, Indonesia. Brigadier C. Sandeep Kumar (DDG of NCC-Kerala & Lakshadweep) visited the College in connection with the navathy celebration of the college and Marathi Light Infantry band displayed their performance in the College.

The NCC Naval subunit won the overall championship in sports and games as well as cultural activities during the ATC at KE College, Mannana. (dec 2011). Abhijith was selected as the best spirited cadet of the camp.

SB College NCC Units celebrated The Independence Day and Republic Day on a grander scale. Principal received the salute and delivered the Republic Day message. Parade drill was conducted followed by nation integration lecture class.

Cadet. Abijith V Nair (I DC chemistry) participated in the R D parade at Delhi -2012.

This year, 16 cadets appeared for the C certificate examination and 30 cadets for the B certificate examination.

#### **HRD Report 1<sup>st</sup> Jan 2010 to 31<sup>st</sup> Dec 2010**

##### **HRD Core meeting – 01/01/10**

The core meeting of HR D has been on 01/01.10 at 4pm at principal's office. There was Principal, Vice principal, Bursar, staff coordinator and HR D coordinator for the meeting. The agenda of the meeting was to discuss about the live in programme and the luminary. It is decided that to conduct a 2 days camp for the whole final dc students on 19 and 20 January. The resource persons should be called from outside. The luminary test should be done the first week of January.

##### **Luminary 2010 – Written Test 12/ 01/ 2010**

The first round (Written Test) of Luminary 2010 was held on 12/01/2010 at Library and M B A Seminar Hall. There were 269 students appeared for the written test from both P G and U G. The examination was controlled by P J Thomas (English), Subin George (H R D), Ginu B George (Maths), Bejoy Francis (Chemistry), Salvy Thomas (Botany) and Georgie Antony (counselor). The team excellence students helped to distribute the question paper and assisted to control the examination.

The question paper includes 50 objective type questions and one essay. The questions include reasoning, G K, Current affairs, college details and subject knowledge. The question paper was initially prepared by the team excellence students and finally it is corrected and modified by Subin George and Georgie Antony.

In the question paper they had to write their name, department and preferred language for the next round. Immediately after test the date of the next round were announced.

The objective type questions are valued by the team excellence and the essay question were checked by the teachers. The essays checked only for those students who are secured 50% and above.

From the 269 students who are appeared for the written test 56 students are selected for the G D. 33 students from U G and 23 from P G are selected for the next round. The list of students who are selected for G D is displayed on the notice board on 14<sup>th</sup> at 11am with the sign of the principal.

### **H R D Core meeting for finalizing judges 14<sup>th</sup>**

The core meeting of H R D was held on 14<sup>th</sup> January at principal's room. The agenda of the meeting was to finalise the G D and Interview panels.

### **Luminary 2010 - G D 15/01/2010**

The second round (Group Discussion) was held on 15<sup>th</sup> January 2010 at various seminar Halls of the college. The 9 venues were booked on 13<sup>th</sup> January. The moderators of G D were

1. Mr Basil, (English)
2. Mr Binu (Commerce)
3. Dr Bejoy (Chemistry)
4. Mr Issac Paul (Physics)
5. Mr Bins M Mathew, (Malayalam)
6. Mr Justin(Zoology)
7. Mr Georgie Antony (Counselor)
8. Mr.Siby (M B A )
9. Mr. Rajeev Menon (English)

The topic, criteria and the mark sheet were given to the moderators in advance. The G D was of 30 minutes. The moderators are asked to select 50% of the students from each group. There were 9 groups altogether and in one group 6 members except 2 group. In two group there were 7 members. The group is arranged according to the preferred language selected. The topic was same for all. There were 4 groups who preferred G D in English and 5 Groups in Malayalam. The groups are divided by Mr. Subin George and the team excellence members. Mark sheet is below

#### Rules:

- Each team will have max of 8 members
- The participants will be given 15 mins for discussion on the given topic
- There will be a warning bell 2 min before the end of the allotted time.

From the 56 students 24 were selected for the interview in which 15 students from U G and 9 students from P G. The selection of the candidates are separate for U G and P G till the third round. And for the final round there is no separation for U G and P G. The list of students who are selected for interview is displayed on the notice board on 15<sup>th</sup> at 2pm with the sign of the principal.

### **Luminary 2010 - Interview 18/01/2010**

The third round (Interview) was held on 18<sup>th</sup> January 2010 at Conference Hall. The panel includes:

1. Mr. N T Mathew, Manager, Syndicate Bank
2. Tom Aacharia, H R D Trainer
3. Rosamma Philip, Psychologist
4. O J James, Captain N C C
5. Principal, Vice Principal and PJT

There were one team excellence member in each group to assist the moderators. The criteria, mark sheet and the details of the past two rounds were explained to the Interview Panel at 10am. The students were asked to bring their Biodata and the supportive certificates for the interview. The interview for the P G students were till noon and U G for afternoon. The criteria and rules includes :

#### Rules:

- \* Each person will have max of 10 M
- \* Language of communication is optional (Malayalam/English)
- \* List of students according to their option of languages provided

From the 24 candidates 12 are selected to the final round, stage performance in which 7 are from U G and 5 are from P G.

P G and U G and go together for the next round. In the next round minimum 1 or all the 12 can be selected. The judges can decided whom ever they feel like to select. The list of students who are selected for final round is displayed on the notice board on 19<sup>th</sup> at 11am with the sign of the principal.

### **3 Day workshop for the final 12 candidates of Luminary 2010 - 19, 20, 21**

A training for the 12 selected candidates for the stage performance was held at the college seminar hall at 4:10 to 6pm on 19<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup>. In the first day on 19<sup>th</sup> we have called a resource person from outside to know themselves and to make their stage performance maximum out of their capabilities. On 20<sup>th</sup> and 21<sup>st</sup> Mr. Subin George gave them motivation and few tips to maintain confident.

On 19<sup>th</sup> all the 12 candidates were asked to bring their photos and Biodata. On the final day after he training everyone has asked to assemble in the Ullahannan Mapillla centre at 1pm for the final show.

#### **Team Excellence gathering for dividing Luminary committees 19<sup>th</sup>**

On 19<sup>th</sup> all the team excellence members were gathered and divided their duties for the final round of the Luminary Contest. There refreshment committee for the judges, stage committee, technical committee and management team. The duty was written to sheets and assigned to the members.

#### **H R D Core meeting for the final panel, brochure and banner 19<sup>th</sup>**

The core meeting of the H R D took place at the principal's office on 19<sup>th</sup> January 2010. There was Principal, Vice Principal, Bursar, P J Thomas and Subin George for the meeting. The agenda of the meeting was to design the matter for the banner and brochure and to decide the panel for the final round judges. It is decided that the invitation should go to the syndicate bank, SB Alumni UAE, Assumption college as early as possible. The judges are finalized for the final round. It is also decided that the final round should held in Kavukattu Hall rather than Powathil Hall.

Poster for the final round is signed by the principal and displayed to the department notice boards.

#### **2 day workshop for final year degree students**

A 2 day workshop for the final year degree students was held at Kavukattu Hall on 20<sup>th</sup> and 21<sup>st</sup>. The workshop is planned because, of the live in programme was not able to organise. The topics were youth psychology and how to go about for the successful life, goal setting, personality development and communication and career orientation. The trainers for the two days are:

20/01/'10

F N Tom Zachariach ( H R D Trainer)

A N Venketaraman ( Career Consultant)

21/01/'10

F N Dr Justin Padamadan (Psychologist)

A N Dr Ruble Raj

#### **Luminary 2010– Final Round – stage performance on 22<sup>nd</sup>**

The final round of the Luminary contest 2010 was held at the Kavukattu Hall on 22<sup>nd</sup> January 2010 at 2pm. There were 12 candidates from departments were competing each other. Whole campus was given freedom to watch the final round, stage performance. The judges of the show were:

1. Samson Mathew
2. Tom Zachariach ( H R D Trainer)
3. K G Muraleedharan ( Journalist)
4. Sruthy J Mayur mam , M B A

. And finally they have selected 6 students as Luminaries 2010 in which 1 is from P G and 5 are from U G.

#### **Spectrum Softtech Solutions on the campus for recruitment, 27<sup>th</sup>**

Spectrum Softtech Solutions Pvt. Ltd., Cochin were on the campus for the recruitment on 27<sup>th</sup> January. Time : 10 am onwards. The venue was Padiyara Hall of the college. The target pool was the final year degree and final year P G students. There were 137 students from different department attended the screening process, written Test. The short listed candidates will be announced March last week. The short listed candidates are directly selected to the interview which would be held in Spectrum Softtech Solutions Pvt. Ltd., Cochin.

#### OPENINGS

1. Junior S/W Engineers (Perl / PHP / Java)
2. Web Designers
3. Test Engineers
4. Technical Writers
5. System Analysts

#### REQUIREMENTS

- 15-20
- 5
- 5
- 2
- 3

6. Technical Sales Consultants	3	
7. Technical Support Executives (Voice)		5
8. Customer Service Engineers	5	
9. Junior Technical Engineers	8	
10. Linux Server Administrators		5-10
11. Windows Server Administrators		5-10
12. Network Administrators		5-10
13. Database Administrators		5-10
14. Desktop support Engineers	5	
15. VPN Administrators		5
16. Open Source Consultants		5
17. Monitoring Executives		4
18. HR Executives		7
19. Content Writers		9
20. Business Development Executives	20	
21. Recruitment Executives		5
22. Tele-calling Executives		5
23. HR/Adm in Coordinators		2
24. Marketing Executives		5
25. Medical Analysts		50
26. Trainee Medical Analysts		100
27. Financial Analysts		5
28. Statistical Trend Analysts		5
29. Accounts Receivable Callers (Voice)		10
30. Call Auditors (QC Control)	5	

**‘Luminary 2010 Award Presentation and passing out ceremony of the final year students’  
- January 29**

The Luminary 2010 Award Presentaion and the passing our ceremony of the final year UG and PG students was held at 11am on 29<sup>th</sup> January 2010 in the Kavukattu Hall. Dr Sashi Kumar, Chairman, Media Development foundation Chennia was the guest of honour.

There were teachers from Assumption College, teaching and non teaching staffs from our college and the whole students of each departments. The parents of the Luminaries were invited for the event.

**PROGRAMME SCHEDULE**

Prayer Song

Words of welcome Benedictory : Dr Stephen Mathews, Principal

Address, Lighting the candles and Oath taking : Dr Joseph Naduvilezham, Manager

Commencement Address and

Luminary Award Presentation

Felicitation : Dr Sashi Kumar  
: Mr. N T Mathew

Solo Felicitation : Manager, Syndicate Bank :  
SB Alumni, UAE Chapter Joyal Xavier, S1 MBA

Magazine Release : Mr. Thomas Maliampurakal

Reply Speech

Vote of Thanks

HRD Coordinator : Rosmy Kattoor, Luminary :

College Anthem : Mr. P J Thomas

**\*\* Djembe Performance at**

*Library Block*

The passing out ceremony was

lead by College Manager

Dr Joseph Naduvilezham. After the Benedictory Address, manager lighted the candle and passed over to each class leaders of all the departments. The class leaders were already ready to come over to the stage and light the lamp from

the Manger. After the lighting the candles of the leaders, the leaders lighted the respective classmates candles and took up the oath recited by the manager.

After the Commencement Address the chief guest presented the memento and the certificates for the Luminaries and runner up students of Luminary 2010. This year we are introduced giving runner up certificates for those students who are reached in the final round.

Team Excellence were divided into various committees and really put their efforts to make the contest such a wonderful manner. The committees were stage committee, food committee, technical committee, comparing and invitations.

After the official gathering there was Djembe Performance at Library Block by the S B College team. And then after it is followed by the lunch. Lunch was arranged for the chief guest, H R D faculties, Principal, Vice principal, Bursar, Team Excellence and Jumbé Band. The venue of the food was Kallarackal Hall.

The Luminary 2010 was sponsored by the S B Alumni, U A E Chapter (30000) and Syndicate Bank (9000). The total audited budget was sent to each of them on 30<sup>th</sup> of January.

The matter and the photo came on the newspapers the next day of the programme.

The certificates for the Team Excellence 2008 – 2009 was not given on that day due to the hurry of the Sashi Kumar, chief guest.

### **February 2010**

#### **Workshop on Memory Techniques – 1<sup>st</sup> Feb**

A workshop is organized on memory techniques and how to improve the memory on 1<sup>st</sup> of February 2010. Professional memory trainer Sunny Master took the session in Padiyara hall at 2 pm to 4:30pm.

#### **Treat for the Team Excellence members – 3<sup>rd</sup> Feb**

The final evaluation and refreshment of the Luminary 2010 was held at the canteen on 3<sup>rd</sup> of February 2010. The previous H R D staff coordinators were also present for the party. Principal and Vice principal addressed the gathering. A very important suggestion is put forward by Dr Ruble Raj sir that various rounds of Luminary like written test, G D, Interview and stage performance should be modified. The real talented guys are still outside the boat. Therefore the rounds of the Luminary should be modified. The principal also agreed the fact that the rounds should be definitely modified. Those students who are able to communicate becomes the Luminary.

#### **Career Launcher - 4<sup>th</sup>**

Tycoons, career launcher was on the campus on 4<sup>th</sup> February 2010 for National Leadership hunt where students from more than 2000 colleges across the cities take part and challenge each other. There are various rounds for the leadership hunt. Tycoon was here to conduct the first process aptitude test for our students

The aptitude test is taken around by 80 students from our college. It was held at Padiyara hall. There was 2 moderators from tycoon to conduct the test. The results will be announced on 10<sup>th</sup> February 2010.

#### **Presentation of certificates for the Team Excellence 2008 – 2009, 11<sup>th</sup> Feb**

The certificate for the previous team excellence members have distributed on the college day on 11/02/2010. Dr Stephen Mathews handed over certificates to the members at Kavukattu Hall.

#### **H R D training for Physics 1<sup>st</sup> D C Batch, 9<sup>th</sup>**

2 hours training for the Physics first d c batch was held at the seminary hall on 9/02/2010. The resource person was Mr. Subin George. The topics deal was motivation and importance of English in the present times.

#### **Career Orientation for Biotech and microbiology students**

HRD was organized a career orientation for the biotechnology and microbiology students on 10<sup>th</sup> February 2010. The session was taken by K J George, the director of Pharma. The objective of this session was to now the different options after biotech and micro biology.

### **March 2010**

#### **II P G Training**

#### **Campus Drive - Outsource Partners International : 19/03/2010**

H R D is organized a campus drive on 19/03/2010. 8 officials from Outsource Partners International came on our campus and have done the process. There were 54 students attended the drive and 39 are qualified from the written test. Students from MBA, BCom and MCom and BBA were eligible for the process from our campus.

Outsource Partners International (OPI) is a leading professional services firm dedicated to the provision of Finance & Accounting Outsourcing and Analytics. OPI was built and is managed by experienced professional accountants, most of whom are former Big Four accounting firm partners and managers. OPI has nearly 3000 professionals operating in its offices throughout the United States, Bulgaria, India, Malaysia, and the United Kingdom.

A career with OPI is an opportunity to join a growing company in an existing fast-paced market. Our professionals are exposed to different industries, diverse challenges and gain international exposure. Our team members learn critical skills in process documentation, process improvement and how to manage business processes down the hall or a world away. As a result of OPI's big four accounting firm heritage, you will also learn how to integrate and manage outsourced business processes.

**Qualification : Bcom, BBA, BBM, Mcom, MBA - Finance**

**Process** : All the candidates will be subject to test and interview .

<b>Details of Offers Released</b>		
<b>No</b>	<b>Student Name</b>	<b>Remarks</b>
1	Joby George	Offered
2	Jocku P Joseph	Offered
3	Anpu Mathew Simon	Offered
4	Bebin Mathew	Offered
5	Lenoy M Lesly	Offered
6	Sameer Muhammed	Offered
<b>Shortlisted For Further Levels of Interviews</b>		
<b>No</b>	<b>Student Name</b>	<b>Remarks</b>
1	Isaac Ebenezer	Interview to be scheduled later
2	Steephen P Thoms	Interview to be scheduled later
3	Nair Abhilash V	Interview to be scheduled later
4	Basil A Babu Chacko	Interview to be scheduled later
5	Chippy S R	Interview to be scheduled later
6	Jisa P George	Interview to be scheduled later
7	Joseph J Komckel	Interview to be scheduled later
8	D Ramakrishna	Interview to be scheduled later

Those who are received will get the salary of 13000 + all the medical, transportation and study allowances for free.

**Campus Drive – DIACRITECH : 29/03/2010**

HR D is organized a campus drive for the III D C Vocational English students on 29<sup>th</sup> March 2010 in the campus. A Leading company e-publishing company, headquartered at Chennai, with branched in UK, US and Australia, providing services to educational publishers. They require copyediting candidates for Kottayam Branch.

There are 25 vacancies. The selection procedure consists of a written test related to English language and will be followed by an interview.  
Basic salary assured is Rs: 10,000

16 students from vocational English are taken down the test on 29<sup>th</sup> March, 2010.

#### **HRD Core committee meeting**

**21 -07-2010 / Wednesday**

The meeting was held in the principal's chamber at 4 pm. The principal Rev. Fr. Tomy Padinjareveetil presided over the meeting. Other core committee members Vice Principal Dr. Jacob Thomas, Prof. PJ Thomas, Co-ordinator Mr. Robin Jose former co-ordinator Mr. Subin George were present in the meeting. The team discussed the previous years activities and formulated a plan of action for the academic year 2010-'11. Major decisions taken by the committee are the following.

11. Select the team excellence before August 10.
12. Priority should be given to the training of III rd DC and II nd PG Students and should start first.
13. Conduct an energising programme for the team of HRD faculties.
14. Conduct PG induction programme in September.
15. Include Research and Library usage topics in the module of training for the I st PG students.
16. Divide the final year students into two – Job seekers and students going for higher studies and give special training for Job seekers.
17. Strengthen the Clubs.
18. Update the website by adding new events.
19. Give special training to Team Excellence and develop them as professional Event managers.
20. Start the preparation for Luminary 2011 in the month of November.

#### **Preparation of plan for the selection process of the Team Excellence.**

**22 -07-2010 / Thursday**

#### **Team Excellence Selection Process**

Notification	-	26 -07- '10
Last date for the submission of the application form	-	30 -07-'10
Written test	-	2 - 08 - '10
Debate	-	3 - 08 - '10
Final rounds	-	10 -08- '10
First meeting & Oath taking Ceremony of the Team Excellence 2010 - '11	-	11 - 08-'10

#### **Training for CSM Leaders**

**2-08-'10 / Monday**

**2-08-'10 / Monday**

The election and training of the CSM representatives was organised in the 6B auditorium. The HR Trainer Mr. Robin Jose lead the training session which was based on the topic 'Effective Christian Leadership'. All the representatives of CSM from different classes participated in the training and the election followed by it.

#### **First round of the selection of Team Excellence**

**2 – 08 -'10/ Monday**

There were three rounds in the selection process of Team Excellence. The first round – Written Test was held in the Powathil Hall. Forty nine students from different departments participated in the first round.

#### **Second Round of Selection Process**

**3 - 08 -'10 /Tuesday**

The second round comprises of two sessions – Debate and Group Discussion. The students were divided into four groups. The sessions were lead by Mr. Robin Jose and the valuation was done by Prof. Job Joseph and Mr. Sebastian. Forty nine students have participated in the selection process.

#### **Core Committee Meeting**

**3 - 08 -'10/Tuesday**

A core committee meeting of the HRD Department was held in the principal's chamber at 4 pm. The principal Rev. Fr. Tomy Padinjareveetil presided over the meeting. Other core committee members

Vice Principal Dr. Jacob Thomas, Prof. PJ Thomas and Mr. Robin Jose were present in the meeting. The committee discussed about the schedule of the training programmes and about the new training programme – ‘Learn to Live’. The committee decided to call a meeting of the HRD Training team. The committee sanctioned the new training programme and authorised Mr. Robin Jose to prepare a detailed plan for the new project.

Name Of The Project : ‘LEARN TO LIVE’

Goals

Make education more life centred and practical. Make students self reliant.

Objectives

- Enable students to do works in daily life by themselves.
- Give a learning experience of skilled works.
- Give practical knowledge along with theoretical input.
- Give students an experience of learning by doing.
- Make students aware of the dignity of work.
- Give an opportunity to understand things from the real field workers. Enable students to earn while they learn.

**Modules include basics of :**

- Electrical
- Plumbing
- Computer hardware
- Automobile
- Carpentry
- Cooking
- Painting

**Final round of the selection of Team Excellence**

**10/08/’10/Tuesday**

There were seven rounds in the third round of the selection process. The session started with prayer and ended with thanks giving speech, both were the part of the selection process which checked the initiative as well as the leadership skills. The HRD Faculty incharge Mr.Robin Jose moderated the sessions and Mrs. Shyny Kuruvilla Eng.Dept, Mr.Sunny Sebastian Malayalam Dept. were the evaluators. Other sessions of the selection process are the following which evaluated different skills and qualities of students.

Prayer

- Ice Breaking – Know Your Friends. Remember Names?
- How You Manage this?
- Visualizing events.
- Personal Interview. Thanks.

Objectives

Assess the skill in -

- Rapport building
  - Interpersonal communication
  - Building relationships
  - Organizing an event
- Coordination
- Delegation of work
  - Noticing minute things while planning an event
  - Team work
- Creativity
- Initiative

Twenty Second year Degree Students from different departments were selected as members of Team Excellence 2010-2011. The list of students is as follows.



1. Aby Paul
2. Abin Baby
3. Aditya Dev
4. Alen Moni Mathew
5. Annetee S Chirayil
6. Anjana Treesa
7. Anjalie Anns Antony
8. Bibin Thomas
9. Christy Varghese
10. Deenu Sudesh
11. Janis Jaimon
12. Jennipher Rose Jose
13. Liju Jacob Kuriakose
14. Martin John
15. Nikhil Shaji
16. Paul Jose Mattam
17. Radhu Raj
18. Sojan Soman
19. Shijo Mathew
20. Vincy O. Mathews

**HRD Faculty Meeting '10**  
**11/08/'10**

The first HRD Faculty meeting of the year was conducted in the seminar hall from 3 pm to 4.15 pm. The Principal Rev. Fr. Tomy Padinjareveetil presided over the meeting. Vice principal Dr. Jacob Thomas, Co-ordinator Prof. PJ Thomas, Faculty in charge Mr. Robin Jose and other 19 Faculty members have participated in the meeting. Mr. Robin Jose presented the HRD training module for the year. Prof. PJ Thomas sought the cooperation and support of all the faculty members for the HRD activities of the year and presented the new training programme 'Learn to Leave' before the team. The Faculty members who participated in the meeting are the following.

1. Dr. Jacob Thomas
2. Prof. PJ Thomas
3. Mr. Robin Jose
4. Dr. JG Ray
5. Prof. AV Thomas
6. Dr. James Devasia
7. Dr. Joseph Scaria
8. Dr. Issac Paul
9. Dr. Roy Joseph
10. Mr. Mohan Thomas
11. Mr. Bins M Mathew
12. Mr. Sunny Sebastian
13. Mrs. Lovely Salim
14. Mrs. Shiny Kuruvilla
15. Mr. Renji Mathew
16. Mr. Babu Michael
17. Mr. Georgie Antony
18. Dr. Joji Madappattu
19. Mr. Tomlal Jose
20. Mr. Soji Joseph
21. Dr. Bejoy Francis
22. Dr. Jose D. Kaippallil.

**Onam Celebrations of HRD**  
**20/08/'10 Friday**

The Dept. of HRD organised Onam celebrations in a unique way by putting 'Zero Budget Pookalam'. All the members of Team Excellence gathered together at 6am and went out in search of flowers. They together put a beautiful Pookalam with locally available flowers. The lamp was lighted by the Principal Rev. Fr. Tomy Padinjareveetil. After that all the members assembled in the HRD staff room and together celebrated onam by distributing chips and traditional sweets. Faculty incharge Mr. Robin Jose has given Onam message. The celebrations concluded with 'Onapattu' - traditional and folk songs sung by the members of team excellence.

### **NSS Camp**

**20/08/'10 – 23/08/'10**

The Dept. of HRD has given support and assistance to the Seven days camp organised by the NSS unit of the College in Koruthod Panchayath. The HRD faculty in charge Mr. Robin Jose has given training sessions to NSS Volunteers in different topics such as Public Speaking, Debate and also given the Ice breaking session in the camp opening day.

### **St. Berchman's Day Celebrations and Gathering of the Benefactors and Friends of the College.**

**13/08/'10 Friday**

The Benefactor's Day Celebrations of the college was organised by the Dept. of HRD on 13<sup>th</sup> August 2010. The programme started at 6 pm in the MBA Seminar Hall. The members of Team Excellence have given leadership to organise the programme and Mr. Robin Jose has supervised them.

### **Oath Taking Ceremony of Team Excellence**

**2/09/'10**

The Oath taking Ceremony of the team excellence was conducted on 2<sup>nd</sup> September 2010. It was the formal charge taking ceremony of the Team Excellence. The programme schedule of the event was as follows.

Prayer

Welcome - Mr. Robin Jose

Introductory Speech - Prof. PJ Thomas

Presidential Address - Rev. Fr. Tomy Padinjareveetil

### **Oath Taking**

Felicitation - Dr. Jacob Thomas

21. Rev. Fr. Regi Plathottam

Vote of Thanks - Mr. Liju Jacob Kuriakose

### **The Oath taken by the members of the Team Excellence**

I, [name], / do swear in the name of God / that I will faithfully execute the duties / as a member of the Team Excellence / and will to the best of my ability / preserve, protect and defend /the Rules, Traditions and Culture of St. Berchmans College / and that I will devote myself / to the service and well-being of the students and teachers of the College.

### **III DC Training Programme**

**7/09/'10 Tuesday**

The HRD One Day Training programme for the third year students have started with the training of III DC Chemistry on 7<sup>th</sup> Sept.2010. The major objective of this training programme was to equip students to meet the demands of job market and make them competent enough to select a field for higher studies or to find a job which is best suitable for his/her personality. The topics of training were Personality traits suitable for different careers, Group discussion, Preparation of CV, Interview tips, Career orientation and Job Hunting. Classes were taken by Mr. Robin Jose, Mr. Georgie Antony and Mr. Abraham CI. Mr. Robin Jose has taken three topics- Personality traits suitable for different careers, Group discussion and Preparation of CV in three hours. Other topics such as Career orientation and Job Hunting were taken by Mr. Mr. Abraham CI and a session on Interview was taken by Mr. Georgie Antony.

**8/09/'10 Wednesday**

The training for III DC Economics students have conducted on 8<sup>th</sup> Sept. 2010. The topics taken were Personality Traits suitable for different careers, Group discussion, Preparation of CV, Interview tips and Career orientation. The first three topics were taken by Mr. Robin Jose and a detailed session on the career and higher studies opportunities in Economics was taken by Mr. Renjith Jose (Dept. of Commerce) and a session on personal interview was taken by Mr. Georgie Antony.

### **I PG Induction Programme**

#### **13/09/'10 Monday**

The Induction programme for the first PG students have organised by the Dept. of HRD. The programme started with prayer session lead by Rev. Fr. Mullankary. It was followed by the video presentation of the college. Then the Principal Rev. Fr. Tomy Padinjareveetil, Vice Principal Dr. Jacob Thomas and Bursar Rev.Fr.Reji Plathottam have addressed the students and parents. After that there was an audio- visual presentation on the activities of the college on the previous year. Then the HOD of the Malayalam Dept. Prof. James Manimala presented the great history, tradition and culture of SB College. In the afternoon session HRD in charge Mr. Robin Jose has given an Ice breaking and team building session. It was followed by Research orientation sessions by Dr. JG Ray and Mr. PJ Thomas.

### **III DC Training**

#### **22/09/'10 Wednesday**

The training for III DC Botany and III DC Zoology was conducted on 22<sup>nd</sup> Sept. 2010. The venue of the training programme was 6 B Hall. The classes were taken by Mr. Robin Jose, Mr. Abraham CI and Mr. Georgie Antony. The practical sessions on group discussion, personal interview and CV preparation were recorded as useful and interesting by the students in their evaluation form.

#### **23/09/'10 Thursday**

The one day training programme for III DC B Com students have conducted on 23<sup>rd</sup> Sept. 2010. The programme started with an English prayer song specially taught to students by Mr. Robin Jose. The class continued with sessions such as GD, Preparation of CV and Personality types & Career, which have been taken by Mr. Robin Jose. Afternoon session was about personal interview, taken by Mr.Georgie Antony with practical tips and mock interviews. He had given special attention for getting chance to every student for appearing in the mock interview.

#### **24/09/'10 Friday**

One day combined career oriented training programme for third year Physics and Mathematics students have conducted on 24<sup>th</sup> September 2010. The main topics of training were GD, Preparation of CV, Personality types & Career and Personal Interview. HRD Trainer Mr. Robin Jose and Counsellor Mr. Georgie Antony have leaded the sessions.

### **Union Leader's Training – 'A Journey towards Remarkable Leadership'**

#### **27/09/'10 Monday**

The leadership training programme for the Electoral college of the College union - 'A Journey towards Remarkable Leadership' was conducted by the Dep.of HRD on 27<sup>th</sup> September 2010. Fifty six student leaders from all the degree and PG classes attended the leadership workshop and the sessions were lead by Mr.Robin Jose and Mr.Renjith Jose. There were six sessions which were well planned and prepared by utilising all the facilities of audio visual technologies. The college union leaders could analyse the leadership qualities of all world famous leaders and they could even watch the inspiring speeches of leaders such as Martin Luther King, Mark Antony, Adolf Hitler and Indira Gandhi. The sessions facilitate them to identify leaders in them and grow towards remarkable leadership.

### **'Earn while you Learn' – A Project for helping students to get part time Jobs**

#### **6/10/'10 Wednesday**

As part of the project launched by HRD - 'Earn while you Learn' the department conducted a meeting of students who were interested in doing part time jobs on Saturdays. Eighty five students participated in the meeting and the HRD faculty in charge Mr.Robin Jose had given an introduction about the project and introduced 'Gurukul Academy' with which the department is associated. The Academy chairman described the Job profile and conducted Interview and selected 24 students.

### **III DC Training Programme**

#### **12/10/'10 Tuesday**

The training programme for the III DC Industrial Microbiology, III DC Biotechnology and III DC Malayalam was organised on 12<sup>th</sup> Oct.2010. The training sessions were lead by Mr. Robin Jose and Dr. Bijoy Francis. The topics for the training were Preparation of CV, GD, Interview and Stress management.

### **II PG Training**

#### **Programme 14/10/'10**

The HR Training for PG students was started with the training of II PG Physics students. The topics for the training were Jacobson's Progressive Muscle Relaxation Therapy for Stress Management, Preparation of CV, GD and Interview. The morning sessions on Stress management, GD and CV Preparation were taken by Mr. Robin Jose and the afternoon session on Interview was lead by Dr. Bijoy Francis.

### **III DC Training Programme**

**19/10/'10**

The training for III DC Eng. Literature and Voc. English was conducted on 19<sup>th</sup> Oct. The classes were lead by Mr. Robin Jose, Dr. JG Ray and Dr. Bijoy Francis.

### **II PG Training Programme**

**20/10/'10**

The one day training programme for II Msc Mathematics and II M.com students was organised by the Dept. of HRD on 20<sup>th</sup> Oct. The venue of the programme was 6B Hall and Sessions were lead by Mr. Robin Jose, Mr. Binu Mathew Job and Dr. Bijoy Francis. The newly introduced module on Stress management and Relaxation Therapy was reported as a mental healing experience by the students in their evaluation session.

### **The Best Student Leader Contest**

**26/10/'10 Tuesday**

The HRD Dept. Organised the first round of the Best Student Leader Contest by DC Kizakemuri Foundation. It was a three hours programme conducted in Powathil Hall. HR Trainer Mr. Tom Zacharias has leaded the session. Five students were selected as student leaders in the first round from 80 students. They were Mr. Jikku Jacob Peter (Maths), Scaria Thomas (Physics), Akhil S. (Physics), Philip Sam (B Com) and Joslin Joseph (B Com).

### **Carrier Guidance Programme**

**29/10/'10 Friday**

A career guidance seminar was organised for the III DC Bcom students. Mr. Krishnakumar, HR trainer has taken sessions on higher studies options and career prospects after Bcom.

### **I PG Training Programme**

**9,10,12,16,19,23,15 November 2010.**

The training programme for the I PG students have conducted on dates mentioned above. The main topics for the training programme were Public Speaking, Grooming, English Language in daily Life, Team work, Positive and creative thinking. The sessions have been handled by Mr. Robin Jose, Mrs Shiny Kuruvilla, Mr. Soji Joseph, Mrs. Lovely Salim, Mr. Bins M Mathew, Mr. PJ Thomas and Mr. Gijy Joseph. The Venue of the training programme was 6B hall.

### **Observation of World AIDS Day**

**01-12-'10**

The Dept. of HRD assisted the NSS unit in organising the observation of the World AIDS Day with different programmes on December 1<sup>st</sup> 2010. Dr. Joshi John (UK), famous doctor working in the field of HIV/AIDS was the chief guests of the programme. An interactive session with an HIV + person was a new experience for the students which helped them to develop an empathetic attitude towards AIDS patients and to break the barriers of stigmas.

### **Campus Placement**

**06-12-'10**

The Dept. of HRD organized campus placement in association with Out SourcePartners International on 6<sup>th</sup> December 2010. Eight students from the commerce department and one student from MBA has got job offer in the leading organization working in the field of Finance and Accounting Outsourcing and Analysis. There were written test and two rounds of interview in the selection process.

The following students have got placement.

1	Stefy K Jose	M Com
2	Nithin Krishnan	MBA
3	Vineeth Sadasivan	B Com
4	Tom Joseph	B Com
5	Vivin K Varghese	B Com
6	Jerrom James	B Com

7	Jithin Jose	B Com
8	Akhilesh Gopinath	B Com
9	Teny Paul Skaria	B Com

### **Training programme for the Team Excellence**

**7-12-'10**

The Dept. organized a one day training programme for the Team Excellence on 7<sup>th</sup> December 2010. The major topics for the training were Public Speaking, Event Management, Stress Management and Psycho-therapies. The sessions have been taken by Mr. Robin Jose.

### **LUMINARY 2011 – Process of Organization**

#### SCHEDULE OF PROGRAMMES

Date	Programme
7-12-2010	Training for Team Excellence
13-12-2010	Notification & Publicity
6-01-2011	<b>Last date for the Application</b>
11-01-2011	<b>Written Test</b>
12-01-2011	Meeting of Team Excellence
14-01-2011	Publicizing the result of written test
17-01-2011	Meeting of Team Excellence
18-01-2011	<b>Group Discussion</b>
19-01-2011	Publicizing the result of GD
20-01-2011	Meeting of Team Excellence
21-01-2011	<b>Interview</b>
24-01-2011	Publicizing the result of Interview
24-01-2011	Training for stage performance
27-01-2011	Meeting of Team Excellence
03-02-2011	<b>Final Round – Stage Performance</b>
04-01-2011	Meeting of Team Excellence
06-01-2011	Meeting of Team Excellence
07-02-2011	<b>'Luminary 2011' Award Presentation and Passing out Ceremony</b>

Major Activities behind the organization :

22. Give an orientation and an outline of the process of preparation to the Team Excellence.
23. Identify major tasks.
24. Divide the committees according to the interest and talents of the members.
25. Committee meetings and sorting out of the duties.
26. Regular meetings of each committee and evaluation of the preparation activities.

### **Launching of the Website of LUMINARY 2011**

**12-12-'10**

The official website of LUMINARY 2011 was launched on 12<sup>th</sup> December 2010. The application form was made available to the students in the site.

<http://sites.google.com/site/sbluminary>

### **Reception to the Australian High Commissioner to India Mr. Peter N Varghese**

**17-12-'11**

The reception programme of the Australian High Commissioner to India Mr. Peter N Varghese was managed by the Dept. Of HRD on 17th December 2011. He inaugurated the ICCR (International Centre for Collaborative Research) project of the college. HG Mar Joseph Perumthottam, Manager Rev. Dr. Joseph Naduvilezham, Mr. Thomas Chazhikadan MLA were Chief guests of the programme.

### **Home Stay Camp – Orientation & Team Building**

**18-12-'11**

The Dept. of HRD has given an orientation session for the students for mentally prepare them for the home stay camp. It has also organized an Ice breaking and Team Building session in the Camp at 7 pm on 18<sup>th</sup> December 2010.

### **NRI Alumni Meet**

**28-12-'10**

The Dept. of HRD has managed the NRI Alumni Meet on 28<sup>th</sup> December 2010.

### **'Experience SB' – An Extension Programme**

**29-12-'10**

The Dept. of HRD organised a one day programme 'Experience SB - A journey through the world of Higher Education' for children from Sahrudaya Residence Association as part of the activities of Extension Cell. Different sessions have been taken by Mr. Robin Jose, Mr. Job Joseph, Dr. J G Ray and Mr. Justin. A short film 'Oru Swapnam', film against the use of Pan Masala was screened for students.

### **Website Updating**

The Dept. of HRD is regularly updating the website of the college by adding and editing news and events.

### **Regular Meetings and the Training of Team Excellence**

The meetings of team excellence are regularly conducting on Wednesdays at 1.20 pm. The training in conducting meetings, planning and organising events and public speaking is given during this gathering. The members itself will take different positions in the meetings such as President, person who welcomes and giving vote of thanks etc. The team will select a topic for each week according to news value of issues for public speaking and discussions. Each person will get chance to speak and raise their views on issues selected. The plan of action for the upcoming programmes will also be formulated in these meetings.

### **St. Berchmans College, Changanacherry**

#### **Arts Club Report 2010-2011**

The activities of College Arts Club was inaugurated on October 28<sup>th</sup> 2010 by Cine Artist Mr. Tini Tom. 'Kerala Piravi' Celebration was organized by Arts Club on Nov. 3<sup>rd</sup> and several competitions like 'Kerala Sreeman', 'Malayala Manka', 'Meesa Rajan' are conducted, 'Thanalkootam' a unique programme of our college was performed every Wednesday by various departments. On December 13<sup>th</sup> & 14<sup>th</sup> Arts Festival was organized and the competitions were between the different departments of the college.

A play of the Life and struggle of Iron sharmila against 'Le Ma Shala' performed by SV OJas theatre from Pune on Jan. 12<sup>th</sup> 2011.

University Youth Festival conducted on 27<sup>th</sup> to 31<sup>st</sup> Jan. 2011 our college bagged 3 First Prizes, Two Third Prizes and 3-A Grades and college in the 7<sup>th</sup> position. 'PREM NAZIR' Trophy Drama competition was held on Feb. 1<sup>st</sup> 2011 and MBA department won 1<sup>st</sup> prize. A special programme by Jeevan TV on Feb 16<sup>th</sup> was performed on the campus entitled 'CAMPUS WALLAH'.

### **Music Club**

Music Club was inaugurated on 10<sup>th</sup> August 2010 by the famous play back singer and actor Mr. VINEETH SREENIVASAN. Music Club members are performed in several programmes organized by the Arts Club like, benefactors day on 13 Aug. 2010, Staff Association programme held on 16 Aug. 2010. NSS Camp at Kooruthode (23 August 2010 Members performed 'Ganamela' special programme organized on teachers day 5<sup>th</sup> Sept. with retired teachers.

## St.Dominic's College, Kanjirappally

**1. Name of the college** : St.Dominic's College, Kanjirappally  
 e-mail id : principalsdc@gmail.com  
 website : [www.stdominicscollege.org](http://www.stdominicscollege.org)

**2. Name of the Principal** : Prof.V.A. Emmanuel M.Sc

### 3. Staff Profile

	Men	Women	SC	ST	Total
Teaching	29	24	0	0	53
Non Teaching	21	5	0	0	26

### 5. Courses offered with number of seats

UG	No.of Seats	PG	No.of Seats	M.Phil	No.of Seats	Ph.D.	No.of Seats
Mathematics	32	Mathematics	11	Nil	0	Commerce	
Physics	32	Chemistry	10				
Chemistry	32	Economics	15				
Botany	24	M.Com.	15				
English	24						
Economics	50						
History	40						
B.Com	55						
B.Com.(Voc)	30						

### 5. Student Intake : ( appeared in the examination and passed, M-Men,W-Women )

UG	Appeared		Passed		PG	Appeared		Passed	
	M	W	M	W		M	W	M	W
Mathematics	5	17	3	17	Mathematics	0	11	0	10
Physics	14	11	12	10	Chemistry	0	9	0	8
Chemistry	9	23	7	21	Economics	6	7	4	6
Botany	2	20	0	14	M.Com.	5	11	5	11
English	4	17	3	16					
Economics	16	30	13	27					
History	13	26	6	24					
B.Com	25	27	16	25					
B.Com.(Voc)	14	20	11	19					

### 6. Details of Tests cleared by Students

Subject	National Level		State Level
	NET	JRF	
Commerce	3	1	
Chemistry	3		
Economics	2		

### 7. Library

- a. Total No. of Books : 30500
- b. Total no. of Journals : 14
- c. Total no. of Periodicals : 45
- d. No. of titles added during the year :

- I. Books : 1400
- II. Journals : 11
- III. Periodicals : 12

#### 8. Grants Received from

- a. State Govt. : Nil
- b. Central Govt. : Nil
- c. UGC : Rs. 37,31,230
- d. Others : Nil

#### 9. Projects Undertaken

No	Subject	Principal Investigator	Major/Minor	Funding Agency	Amount(Rs)
1	Chemistry	Babu Joseph	Minor	UGC	1,10,000
2	Chemistry	Roselin Thomas	Minor	UGC	95,000
3	Chemistry	Neena Joseph	Minor	UGC	1,00,000
4	Chemistry	T A Jose	Minor	UGC	80,000
5	Chemistry	K P sukumaran Nair	Minor	UGC	1,50,000

#### 10. Seminars Conducted

- a. As part of the *Ramanujan Lecture series*, The Mathematics Department has organized 4 lectures:
  - I. G-Fuzzy Topological Spaces , 14-01-2011,Resource person Dr. Mathew M George, BAM College, Thurithicad.
  - II. Introf=duction to Latex, 04-03-2011, Resource Person: Dr.Saji Josseph, Pavanathma College,Murikkaserry
  - III. Intorduction to Algebraic Topology, 07-06-2011, Resource Person, Dr. San Mohan B., Aalborg University, Denmark.
  - IV. Intorduction to Formal Languages, 30-09-2011, Resource person: Dr. Rajkumar Dare, Madras Christian College, Chennai.
- b. Mathematics Department has organized 4 soft skill development programmes
- c. National Level Seminar on Fractals,Topoplogy, Their Fuzzy Applications and Extensions-13,14 Oct.2011, sponsored by UGC and inassociation with MG University and Kerala Mathematical Association.

#### 11. Seminars Conducted by Faculty ( Name wise-with Details): Nil

#### 12. Publications by Faculty with impact factor:

- 1. Dr.Jojo George, J.G.Ray, "Nickel in soil and resilient plants on roadsides of Kerala, South India", *Journal of Soil Science*, Ukraine , T.11No.3-4, ISSN 1684-9094.
- 2. Dr.Suresh V Vettor,"Kondo Problems and Physics" *APT Tunes*, Jan 2011.
- 3. Fr. James Phili,. " A new similarity measure for Institutional Fuzzy Sets", Communicated.
- 4. Jaimol James, "Impact of Health Insurance on BPL population; A case study of Karoor Gramma Panchayat", accepted for publication.

13. Research Highlights of Faculty/ Scholars. 4 faculty members are actively pursuing their Ph.D. One has completed M.Phil course.

Marykutty Joseph, Physics, Completed M.Phil

Jaimol James, Economics- doing Ph.D.

Imme Maria Thomas , Economics- doing Ph.D.

Fr.James Philip, Mathematics- doing Ph.D.( Full time)  
Saju Joseph, English- doing Ph.D.( Full time)



#### 14. Academic Achievements-Academic Activities

Faculty members have actively participated in the PG Curriculum restructuring workshops conducted by various boards of studies.

Faculty members played a major role in workshop on curriculum review of UG courses conducted by various BOS.

Dr. Baby Thomas is member of BOS in Chemistry (PG) and Prof. Tessy Kurian is member of BOS in Economics (PG).

3 faculty members attended UGC sponsored workshops conducted by other colleges.

#### 15. Student Activities /Achievements-extracurricular:

##### 16. Student activities:

- NSS : Our College has two NSS units with a strength of 200 students. A 7 day camp for the NSS volunteers was held at Koruthodu. The members got opportunities to take part in construction activities and community development programmes, social service activities and personality development programmes.
- Arts Festival : Arts festival was conducted in the college under the asupices of the college union. The students participated in the festival actively and those who secured "A" grade were earmarked for participating in the University Youth Festival.
- Former Students Association : There is an active former students association named "FOSA" functioning in the college. It has organized an intercollegiate elocution competition in Malayalam on 09.02.2011. A get together of the former students from 1965 to 2011 called "SANGAMAM-2011" was held on 10.12.2011.
- Sports : Our college has achieved a high position in MG University in sports and games during 2011. We were able to host several tournaments and have won many championships. The details are given below.

Our college has hosted three University tournaments in 2011

- M G University South Zone Inter collegiate Cricket tournament (Men) : 03 -27 January 2011.
- M G University Inter collegiate Cycling (Men& Women) Championship: 11 February 2011.
- M G University South Zone Inter collegiate Shuttle Badminton Tournament (Men): 06 - 07 December 2011.

Our students have secured a commendable position various competitions in the University, state and district level during 2011. The details are given below.

SL.NO	MG University Championship	POSITION	SECTION
1.	Cycling	Runners up	Women
2.	Cross Country	Third	Men
3.	South Zone Chess	Third	Men
4.	Cricket	Fourth	Men
5.	Athletics	Runners up	Men
6.	Weight lifting	Runners up	Men
7.	Weight lifting	Third	Women
8.	Power lifting	Third	Men

Championships won at state and district level

SL NO	CHAMPIONSHIP	SECTION	CATEGORY	POSITION
1.	9 <sup>th</sup> Kerala State Interclub Athletics Meet	Boys	Under -20	Third
2.	Kottayam District Amateur Athletics	Boys	Men	Champions

## Individual Performances

1. SUMESH S –III BA HISTROY
  - Represented M G University Athletic team in the All India Inter University Athletic meet held at Acharya Nagajuna Universit Guntur , Andhra pradesh from 30<sup>th</sup>December 2010 - 3<sup>rd</sup> January 2011.
2. REVATHY JOSE-I BSc MATHS
  - Silver medal in Cycling -1600m Team Pursuit in the M G University Cycling Championship Women held at St Dominic’s College, Kanjirapally on 11 February 2011.
3. JEETHU THOMAS- II BSc MATHS
  - Silver medal in Cycling -1600m Team Pursuit in the M G University Cycling Championship Women held at St Dominic’s College, Kanjirapally on 11 February 2011.
4. MARIA JOSEPH – II BSc PHYSICS
  - Silver medal in Cycling -1600m Team Pursuit in the M G University Cycling Championship Women held at St Dominic’s College, Kanjirapally on 11 February 2011.
5. RINTU TOM –III BCOM (V)
  - Silver medal in Cycling -1600m Team Pursuit in the M G University Cycling Championship Women held at St Dominic’s College, Kanjirapally on 11 February 2011.
6. ARUN P S-I BA HISTORY
  - Gold medal in under -20 boys section Pole vault in the 9<sup>th</sup> Kerala state inter club athletic meet held at Maharaja’s college stadium, Ernakulam on 22-24 July 2011.
  - Silver medal in Pole Vault in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
  - Represented Kerala State Junior Athletic team in the South Zone Junior athletic meet held at Hyderabad from 19-21 August 2011.
  - Bronze medal in under -20 boys Pole Vault in the Kerala state Junior club athletic meet held at Maharaja’s College stadium, Ernakulam on 07-09 October 2011.
7. JOSEPH K A-III BCOM (R)
  - Silver medal in Shot put in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
  - Bronze medal in Discus Throw in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011
  - Bronze Medal in Shot put in the South Zone Junior athletic meet held at Hyderabad from 19-21 August 2011.
  - Silver medal in under -20 boys section Shot put in the 9<sup>th</sup> Kerala state inter club athletic meet held at Maharaja’s college stadium, Ernakulam on 22-24 July 2011.
  - Silver medal in Weight Lifting (94 kg Category) in the M G University Weight Lifting Championship held at St.Joseph’s College of Engineering Chundacherry on 10 December 2011.
8. ANOOP PRAKASH-I BSC BOTANY
  - Represented M G University Cross Country team (Men) in the All India Inter University Cross Country Championship held at Maharshi Dayanand University Rohtak, Haryana on 02 October 2011.
  - Silver medal in 10000m in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
  - Individual Third Position in the 26<sup>th</sup> M G University Inter Collegiate Cross-Country championship held at Alphonse College Pala on 26 August 2011.
  - Silver medal in under -20 boys 10000m & 5000m in the Kerala state Junior athletic meet held at Maharaja’s college stadium, Ernakulam on 07-09 October 2011.
  - Bronze medal in under -20 boys 10000m in the 9<sup>th</sup> Kerala state inter club athletic meet held at Maharaja’s college stadium, Ernakulam on 22-24 July 2011.

#### 9. DHANOOP GOPI – III BA ECONOMICS

- Represented M G University Cross Country team (Men) in the All India Inter University Cross Country Championship held at Maharshi Dayanand University Rohtak, Haryana on 02 October 2011.
- Represented MG University Athletics Team in the 72<sup>nd</sup> All India Inter University Athletics meet conducted by Rajiv Gandhi University of Health Sciences, Bangalore held at Alvas Education Foundation (R), Moodbidri-Mangalore from 17<sup>th</sup> -21<sup>st</sup> December 2011.
- Silver medal in 4x400m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
- Bronze medal in 1500m in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.

#### 10. LIJO MATHEW- II BCOM (R)

- Represented MG University Athletics Team in the 72<sup>nd</sup> All India Inter University Athletics meet conducted by Rajiv Gandhi University of Health Sciences, Bangalore held at Alvas Education Foundation (R), Moodbidri-Mangalore from 17<sup>th</sup> -21<sup>st</sup> December 2011.
- Silver medal in under -20 boys 4X400M Relay in the Kerala state Junior athletic meet held at Maharaja's college stadium, Ernakulam on 07-09 October 2011.
- Silver medal in 400m in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
- Silver medal in 4x400m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.

#### 11. HASEEB JALAL- I BCOM (R)

- Represented MG University Athletics Team in the 72<sup>nd</sup> All India Inter University Athletics meet conducted by Rajiv Gandhi University of Health Sciences, Bangalore held at Alvas Education Foundation (R), Moodbidri-Mangalore from 17<sup>th</sup> -21<sup>st</sup> December 2011.
- Silver medal in under -20 boys 4X100M Relay in the Kerala state Junior athletic meet held at Maharaja's College stadium, Ernakulam on 07-09 October 2011.
- Silver medal in 200m in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
- Silver medal in 4x400m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.

#### 12. ABIJITH K V – I BA ECONOMICS

- Bronze medal in High jump in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.

#### 13. ANEESH K – I BA HISTORY

- Represented MG University Athletics Team in the 72<sup>nd</sup> All India Inter University Athletics meet conducted by Rajiv Gandhi University of Health Sciences, Bangalore held at Alvas Education Foundation (R), Moodbidri-Mangalore from 17<sup>th</sup> -21<sup>st</sup> December 2011.
- Gold medal in 4x 100 m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
- Silver medal in 200m in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.

#### 14. ANTO JOY –I BA ECONOMICS

- Gold medal in 4x 100 m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
- Bronze medal in 110m Hurdle in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.

#### 15. SUMESH S – I BA ECONOMICS

- Represented MG University Athletics Team in the 72<sup>nd</sup> All India Inter University Athletics meet conducted by Rajiv University of Health Sciences, Bangalore held at Alvas Education Foundation (R), Moodbidri-Mangalore from 17<sup>th</sup> -21<sup>st</sup> December 2011.

- Gold medal in Decathlon in the 29th M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
  - Gold medal in 4x 100 m Relay in the 29th M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
  - Silver medal in Javelin throw in the 29th M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
16. VISHAK VISWANADHAN- I BAHISTORY
- Silver medal in 200m in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
17. RENJU REMANAN-II BA HISTORY
- Gold medal in 4x100m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
18. VIPIN VIJAYAN- II MA ECONOMICS
- Silver medal in 4x400m Relay in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
19. JIBIN VARGHESE K R- II BA HISTORY
- Bronze medal in Pole vault in the 29<sup>th</sup> M G University athletics championship held at Maharajas College ground on 1<sup>st</sup> & 2<sup>nd</sup> December 2011.
20. ABDUL RAZAK P S –III BCOM (V)
- Bronze medal in Weight Lifting (+105 kg Category) in the M G University Weight Lifting Championship held at St.Joseph’s College of Engineering, Chundacherry on 10 December 2011.
21. LINO JOSE – III BA ENGLISH
- Bronze medal in Weight Lifting (69 kg Category) in the M G University Weight Lifting Championship held at St.Joseph’s College of Engineering, Chundacherry on 10 December 2011.
22. MANUEL J MOOLAYIL- II BCOM (V)
- Bronze medal in Weight Lifting (105 kg Category) in the M G University Weight Lifting Championship held at St.Joseph’s College of Engineering, Chundacherry on 10 December 2011.
23. RASHEED ASHARAF- II BCOM (V)
- Bronze medal in Weight Lifting (85 kg Category) in the M G University Weight Lifting Championship held at St.Joseph’s College of Engineering, Chundacherry on 10 December 2011.
24. JEETHU THOMAS-III BSC MATHS
- Bronze medal in Weight Lifting (58 kg Category) in the M G University Weight Lifting Championship held at St.Joseph’s College of Engineering, Chundacherry on 10 December 2011.
17. Industry Varsity Linkage : Nil
18. Academic Tie-ups : Nil
19. Student Progression : Nil
20. Campus Recruitment : Nil
21. No. of Ph.D s produced : 1

**22. Research Scholars Registered in the college :**

no	Name	Title	Guide
1	Linimol T K	Customer Perception: A key to marketing strategy in public and private sector insurance companies	Dr. Kurian Joseph

**23. List of Research Guides in the college:**

No	Name	Subject	Email
1	Dr. Baby M D	Commerce	drbabymukalel@rediffmail.com
2	Dr. Sunnykutty Thomas	Commerce	
3	Dr. Kurian Joseph	Commerce	
4	Dr. P J George	English	drpjgeorge@gmail.com

## St. Mary's College, Manarcaud

1. **Name of the College** (with e-mail and website) : St. Mary's College, Manarcaud  
[stmaryscollegemanarcadu@yahoo.com](mailto:stmaryscollegemanarcadu@yahoo.com)  
[www.stmaryscollege.net.in](http://www.stmaryscollege.net.in)

2. **Name of the Principal** : Prof. Anna John.P

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	11	18	NIL	NIL	29
Non Teaching	15	5	-	-	20

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		Ph.D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Sc Chemistry	23	37	M.Sc Chemistry	5	16						
B.Sc Zoology	20	27	M.Sc Zoology	7	18						
B.Sc Physics	27	12	M.Com	36	29						
B.A. English	28	28									
B.A History	41	26									
B.Com	86	41									

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M- Men, W- Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Ph il	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
English	7	7	1	4	M.Com	14	3	10	3										
History	11	13	2	7	Zoology	3	5	3	4										
Physics	4	8	-	2	Chemistry	2	9	-	7										
B.Com	30	11	23	11															
Chemistry	7	11	4	4															
Zoology	6	1	1	1															

### 6. Details of Tests cleared by Students

#### 7. Library

(a) Total Number of Books : 17291  
 (b) Total Number of Journals : 24  
 (c) Total Number of Periodicals : 19  
 (d) Number of titles added during the year : 473

#### 8. Grants Received From

(a) State Government : 5,53,28,400  
 (b) Central Government  
 (c) University Grant Commission : 21,25,000  
 (d) Others – Specify

## 9. Projects Undertaken

1. Minor projects of UGC undertaken by

- (a) Dr. Sheela Kumari.R  
In Hindi Kavitha Sahithya Mem A Kavitha Ka Sthan
- (b) Dr. Punnen Kurian  
In the study on microbial contamination of soil, air and water resources of municipal dumping yard environment.
- (c) Sri. Abraham Kuriakose  
In the impact of micro small medium enterprises on the rural development of Kottayam district.
- (d) Dr. Sheela Chacko  
In extraction of vanadium from crude oil using polymer supported complexing agents

## 10. Seminars Conducted

- (a) State Level  
Two day workshop on Research Methodology for teachers in Science discipline, sponsored by Kerala State Higher Education Council, on 1-2 Feb. 2011.
- (b) National Level  
UGC sponsored national seminar on changing pattern of Western ghats biodiversity by the Department of Zoology on 20<sup>th</sup> and 21<sup>st</sup> January 2012
- (c) International Level : Nil

11. Seminars Conducted by Faculty (Name wise- with details) : Nil

12. Publications by the Faculty with Impact factor of the Publications : Nil

## 13. Research Highlights of Faculty/Scholars

Four faculties undergoing research under FIP

## 16. Student Achievements/Activities

- (a) National Cadet Corps : Nil
- (b) National Service Scheme: Vishnu Shivan- Attended National Camp- Delhi  
Vinay M. Jacob and Sreekumar.V.K – Attended National Camp- Bangalore
- (c) Arts festivals : Nil
- (d) Sports
  - (1) The College secured second position in the Mahatma Gandhi inter Collegiate Kho-Kho Championship during the year 2011-12. Akhilmon K, Amal Lal, Praveen Peter and Sarath Sajan represented MG University.
  - (2) Secured third position in the Mahatma Gandhi inter collegiate Handball championship (men) during the year 2011-12. Alex Varghese, Sreekanth B and Lijo Chandy represented the University.

## 17. Industry Varsity Linkage (if any, short description)

(a) Dept. of History has tie up with Thrippunithura Hill Palace and students of II B.A History does their project work for one month in the palace.

18. Academic tie-ups (if any)- Working arrangement with national dailies- 'Malayala Manorama', the Kerala Kaumudi, the Mangalam, the Deshabhimani and the DC Books for the on the job training programme of the students of II BA English.

19. Two students passed National Eligibility test

## 20. Campus Recruitment

Sl.No	Name of the Firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1.	WIPRO Technologies	2	3	1	
2.	WIPRO Technologies	2	8		2

21. NIL

22. NIL

23. Dr. Punnen Kurian, Dept. of Zoology [punnen@tropicalinstitute.in](mailto:punnen@tropicalinstitute.in)

## St. Xavier's College Vaikom, Kothavara

1. **Name of the College** : St. Xavier's College Vaikom, Kothavara  
 e- mail : stxaviersvkm@gmail.com  
 web : stxavierscollegekothavara.org

2. **Name of the Principal** : George Mathew P

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	22	11			33
Non- Teaching	18	5			23

### 4. Course Offered with Number of seats

Under Graduate	Number of seats		Post Graduate	Number of seats		M. Phil	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
B.Sc. Physics	11	13	NIL								
B.Sc. Chemistry	11	9									
B. Sc. Zool.	11	15									
B. A. Eco.	24	17									
B. A. Pol.	15	10									
B.Com.	15	26									

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
BA Eco.	5	29	4	26	Nil															
BA Pol	13	10	3	5																
B. Sc. Che	8	14	2	8																
B. Sc. Zool	6	18	0	7																
B. Com.	17	18	11	10																
B. Sc. Phy.	15	10	5	5																

## 6. Details of Tests cleared by students

### 7. Library

- a. Total Number of Books : 11660
- b. Total Number of Journals : 10
- c. Total Number of Periodicals : 33
- d. Number of titles added during the year : Books 606, Periodicals 5, Journals 5

### 8. Grants Received From

- a. State Government : Rs.3,20,92,029/- (Salary)
- b. Central Government : Rs.39,894/- (N.C.C)
- c. University Grant Commission : Rs.31,08,540/-
- d. Others – specify : Rs.2,07,649 (Scholarship and Stipend to Students)

### 9. Projects Undertaken

: Nil

### 10. Seminars Conducted

: Nil

### 11. Seminars Conducted by Faculty (Name wise – with details)

- a. State Level : Nil
- b. National Level
- c. International Level

### 12. Publications by the Faculty with Impact factor of the Publications:

Published two books on Management subjects in the reporting period.

- Title : Basis of Business and Management ( ISBN 978-81-317-7027-6)  
Publisher : Pearson Educations Delhi.

#### Impact factor of the book

The book is designed to help students understood the multi-faced and holistic areas of business studies. The book provides a comprehensive coverage of new syllabus framed under Choice Based credit and semester System of University of Calicut, Kerala. The book is carefully selected by the world's leading publisher, Pearson Education inc. the electronic version is also available.

- Title : Advertising and Sales Promotion ( ISBN 978-81-264-3119-9)  
Publisher : D.C. Books Kottayam.

#### Impact factor of the book

The book is carefully selected and coordinated to reflect an integrated overview and learning approach to the world of Advertising and promotion. It provides a complete text book for the students pursuing B.Com./ BBA courses of the Mahatma Gandhi University, Kottayam. The publisher of the book DC Books is the first ISO publishing company in India.

### 13. Research Highlights of Faculty/Scholars (A Short Description) : Nil

### 14. Academic Achievement (A Short Description) : Nil

### 15. Student Achievements – Academic (A Short Description) : Nil

### 16. Student Activities/Achievements – ( Extra Curricular) : Nil

#### a. National Cadets Corps

##### Report of activities during the academic year 2011-2012

The National Cadets Corps (N.C.C) offers opportunities for military training and social service to college students without imposing them any obligation for active military service.

The N.C.C activities of St.Xavier's College sub unit for the year 2011-12 commenced with the enrolment on 2<sup>nd</sup> July 2011. Our enrolled strength is 120. We have both SD/SW ( Senior Division Boys & Senior Wing Girls ) cadets.

The unit conducted an Anti-drugs awareness cycle rally in July to caution the common public about the ill effects of using drugs. The rally was flagged of by the Principal.



The first parade was conducted on 29/07/2011 as the enrolment activities continued till the end of August. On August 15<sup>th</sup>, the unit celebrated the Independence day by hosting the National Flag. During the Onam vacation our 24 cadets (both SD/SW) attended the Annual Training Camp (ATC) which was held at S.N College Chertala

In October cadet.Robin G.Benny was detained to attend the National Integration camp in Bihar.Later on our senior cadets Sachin B.S, Girish .R, Anoop A and Anandu M attended National Integration Camps at Shimla and Kollam respectively. The unit conducted a Nature cum Trekking camp at Peechi Wild life Sanctuary. The camp has helped the cadets to know more about wild life and it inculcated in the cadets a strong bond with nature.

In December, 20 cadets were detained to attend ATC at Aquinas College Edakochi. In January the unit completed the required no.of 20 parades.

We proudly announce that cadet Unni Sreekuar and Kannan K.K are currently undergoing defense training as technical officers in Navy and Army respectively. Nine cadets successfully passed the “C” certificate examination which will definitely open up a bright future to them and also an inspiration to the coming generation.

b. National Service Scheme

**Report of activities during the academic year 2011-2012**

The aim of N.S.S is to educate the students through community service and enrich their personality. The activities of N.S.S develop a social commitment in students towards nation building and provide them opportunities to work for community development.

The N.S.S activities of St.Xavier’s College ,Unit No.46 for the year 2011-12 commenced from June onwards . The volunteers operated a help-desk for the Single-window admission procedure. The harvesting festival of Robesto plantains, planted during the last academic year was conducted on 1/7/2011

The two units functioning in this college enrolled 121 students as N.S.S volunteers during this academic year. The orientation programme for the newly enrolled volunteers was conducted on 26/08/2011.Along with the regular activities, one mini camp was organized from 30/09/2001 to 1/10/2011. The focus of the first mini camp was the beautification of college premises.

The N.S.S volunteers actively participated in different social activities like blood donation, awareness and cleaning programme conducted by the T.V Puram panchanyath during the rainy season on epidemics.

The special camping programme was organized from 26/12/2011 to 1/1/2012.Eminent personalities from different areas engaged the classes during the camp. The main activities of the special camp include ,the beautification of college campus in connection with NAAC visit, cultivation of vegetables with the support of the Agriculture department and large scale tapioca cultivation in the college campus. A manuscript “SAMASHTY ” was released during the camp and the entire participants contributed their articles

The second mini camp is purposed to be conducted on the 2<sup>nd</sup> week of March  
Through the different activities the volunteers met the objectives of N.S.S.

c. Arts Festivals : Nil

d. Sports and Games

**Department of Physical Education  
Annual Report 2011 (From 1.1.2011 to 31.12.2011)**

Activities

January, 2011

- Kabadi men team consisting of 9 members participated in the North Zone Inter collegiate competition held at SNM College Maliankara.
- Conducted Inter house competition in foot ball and cricket.

3<sup>rd</sup> and 4<sup>th</sup> January

One of our athletes participated in the Keralotsavam Athletic Meet held at Thiruvananthapuram. 1<sup>st</sup> February

Conducted annual Athletic Meet

May

Helped the deserving students to fill up their application forms for grace marks (12 of our Athletes deserved for grace mark in swimming, water polo, Best physique and in weight lifting.)

July

Registration for the First year students for sports activities (20 students registered their names) First week of July

Students started evening practice in cricket.

The subject “Physical Health and Life Skills Education” opted as one of the open course for the V<sup>th</sup> Sem CBCSS degree students.

21<sup>st</sup> July

Conducted chess competition for our students to select college chess team for inter collegiate completion.

26<sup>th</sup> July

(α) Decided to conduct a coaching camp for our Aquatic team but postponed due to the financial stringency.

3<sup>rd</sup> August

Started open course classes for V<sup>th</sup> Sem. CBSS Students (21 Nos.) and 4 hrs/week) 9<sup>th</sup> August

Selected the sports secretaries.

22<sup>nd</sup> August

Started evening practice in shuttle badminton. 23<sup>rd</sup> and 24<sup>th</sup> September

College Swimming and water polo team participated in the M.G. University Inter Collegiate Competition held at LNCPE, Karyavattom. Our team secured third place in swimming and water polo competitions. One of our students was selected to the M.G. University Swimming team and three of our students were selected in the water polo team for the All India Inter Varsity

competitions. 10<sup>th</sup> October

College Cricket team consisting of 15 members participated in the M.G. University North Zone Inter Collegiate competitions held at BMC, Thrikkakara. We won the match.

12<sup>th</sup> October

We lost in the second round North Zone Inter Collegiate Cricket

competitions. 29<sup>th</sup> November

College Shuttle badminton team participated in the M.G. University North Zone Inter Collegiate Competition held at M.A. Engineering College, Kothamangalam and we lost in the competition.

1<sup>st</sup> and 2<sup>nd</sup> December

College Athletic men team consisting of three members participated in the Athletic meet held at Maharaja’s College Ernakulam.

### **Achievements**

We won three first place, One second place and 3 third places in swimming

One student was selected into the M.G. University team and participated in the All India Inter Varsity competition. Three of our students were selected into the M.G. University water polo Team.

For open course all the students got a pass and two of them achieved ‘B’ grade.

**17. Industry Varsity Linkage** (If any, Short Description) : Nil

**18. Academic Tie Ups** (if any) : Nil

**19. Student Progression** : Nil  
 (Eg: Former student cleared civil service, joined MIT, Post doctoral fellowship)

**20. Campus Recruitment (If any)**

Sl. No.	Name of the Firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1	Outsource Partner International	10	-	3	-
2	Keltron	12	5	-	-

**21. Number of Ph. D's Produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of research Guides in your College** : Nil

## ARTS AND SCIENCE COLLEGE (UNAIDED)

### B.V.M Holy Cross College, Cherpunkal

**1. Name of the College** : B.V.M Holy Cross College, Cherpunkal,  
 (with e-mail and website) : [bvmhcc@gmail.com](mailto:bvmhcc@gmail.com) & [www.bvmcollege.com](http://www.bvmcollege.com)

**2. Name of the Principal** : Rev. Dr. M.M.Mathew M.Sc,M.Phil,Ph.D

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	10	24	1 (Female)	Nil	35
Non Teaching	4	4	Nil	Nil	8

**4. Course Offered with Number of Seats**

Under Graduate		Number of seats		Post Graduate		Number of Seats	
		Men	Women			Men	Women
BCA	1 <sup>st</sup> Year	24	38	M.Sc. Comp.Sc	1 <sup>st</sup> Year	5	23
	2 <sup>nd</sup> Year	21	38		2 <sup>nd</sup> Year	4	21
	3 <sup>rd</sup> Year	33	28				
B.Sc.	1 <sup>st</sup> year	21	31	M.Sc Maths.	1 <sup>st</sup> Year	5	26
	2 <sup>nd</sup> Year	25	26		2 <sup>nd</sup> Year	2	25
	3 <sup>rd</sup> Year	10	45				
B.Com	Ist year	24	44	MSW	1 <sup>st</sup> Year	8	17
	2 <sup>nd</sup> Year	33	32		2 <sup>nd</sup> Year	9	12
	3 <sup>rd</sup> Year	21	44				
				M.Com	1 <sup>st</sup> Year	10	14

**5. Students Intake**

Intake, those Appeared in the Examination and Passed M-Men, W- Women									
Under Graduates	Appeared		Passed		Post Graduates	Appeared		Passed	
	M	W	M	W		M	W	M	W
BCA	29	37	29	37	M.Sc. C.S	5	12	1	12

B.Sc.	27	40	27	39	M.Sc. Maths.	0	2	0	2
B.Com	49	20	47	19	M.S.W.	7	15	7	12

#### 6. Details of Tests Cleared by Students

Sl. No	National Level	State Level	
1.	UGC-4	SET-12	

#### 7. Library

- (a) Total Number of Books : 4758  
(b) Total Number of Journals : 22  
(c) Total Number of Periodicals : 31  
(d) Number of titles added during the year : 172

#### 8. Grants Received From

- (a) State Government : Nil  
(b) Central Government : Nil  
(c) University Grant Commission : Nil  
(d) Others – Specify : Nil

#### 9. Projects Undertaken

I. Under Social Work Department, HOPES is working as Registered N.G.O. HOPES conducting various

Projects such as

- (a) Child Education Sponsor ship programme  
(b) Environmental Programme  
(c) Free Counseling Legal AID

Cell II. College Level

- (a). Collection and propagation of Local /Traditional medicinal plants – Project sanctioned by Center for

Environment and Development, Thiruvananthapuram.

#### 10. Seminars Conducted

- (a) State Level : Nil  
(b) National Level : Nil  
(c) International Level : Nil

#### 11. Seminars Conducted by Faculty (Name wise –with details)

- (a) State Level : Nil  
(b) National Level : Nil  
(c) International Level : Nil

#### 12. Publications by the Faculty with Impact factor of the Publications (A Short Description) Publication by Dr. Mathew M.M.

- Sindhu K.K. and Mathew M.M. 2011. Tissue Culture studies on *Indigofera tinctoria* and *Indigofera enneaphylla*. *Plant cell Biotechnology and Molecular Biology* Vol.12 (In Press)
- Sindhu K.K. and Mathew M.M. 2011. Antibacterial activity and phytochemicals of crude extracts of *Indigofera enneaphylla*. *J. Ecobiol.* 28(1) 87-94.
- Sindhu K.K. and Mathew M.M. 2011. Antibacterial activity and phytochemicals of crude extracts of *Indigofera tinctoria*. *J. Trop. Med. Plants* 11(2): 153-157

#### 13. Research Highlights of Faculty/Scholars (A Short Description): Nil

#### 14. Academic Achievements (A Short Description)

Got First Rank for Ms.Jilu Joseph-BCA 2011 Pass out Student.

## **15. Student Achievements - Academic (A Short Description)**

Good result in University Examinations (See the result above)

## **16. Students Activities/ Achievements – (Extra Curricular)**

### **Students Activities**

#### **MSW Department:-**

- Rural Camp at Marayoor - October 2011.
- Work Shop on PRA - September 15,16.
- Work shop on life skill –July 10-12.
- Aids Day Celebration Dec.1, 2011.
- Onam Celebration in Ammaveedu, Thellakom.
- Exhibition on Indian History- August,14.
- Disabled day at Kanjirapally- November, 26.

#### **Mathematics Department**

- Regular coaching for aptitude and reasoning ability test
- Problem solving contests

#### **Department of Computer Science**

- Aptitude and reasoning ability tests conducted by students.
- Presentation of seminars by Students.

#### **Achievements**

##### **M.S.W. Department**

- II<sup>nd</sup> Prize in Photography competition in spectra National level seminar conducted at Marian College Kuttikanam
- II<sup>nd</sup> Prize in Theme show on National social work Meet Rendezvous at BCM College Kottayam
- 3<sup>rd</sup> Prize in poster presentation on National Social Work Meet Rendezvous at B.C.M College Kottayam
- 3<sup>rd</sup> prize in street play on National Social Work Meet Rendezvous at BCM College Kottayam.

#### **Mathematics Department**

B.Sc Degree students participated in various intercollegiate quiz competitions. A team of two students Treesa Maria Kuriakose and Ans Mathew won the ever rolling trophy conducted at Devamatha College Kuravilangadu. Our students Treesa Maria Kuriakose and Suman Thomas were selected for participating in All Kerala Inter collegiate Statistics Quiz Competition organized by the statistics department of CUSAT and received a cash prize of Rs. 1000/-. Our students Kichu Anil and Amal P.S participated Prof. Ramakrishna Pillai Memorial quiz contest in statistics conducted at St. Thomas College Pala and won 3<sup>rd</sup> prize

(a) National Cadet Crops: Nil

(b)National Service Scheme:

The activities of the National Service Scheme unit of our College for the academic year 2011-12 started with a grant function organized for the presentation of “Bio-Diversity Register” of Kozhuvanal Grama Panchayath prepared by the N.S.S. volunteers to the Grama Panchayath President Prof. Kochuthresia Abraham on 8<sup>th</sup> July 2011. The function was presided over by our Principal Rev. Dr. Mathew M.M. Dr. K .Prakash , Programme co- ordinator N.S.S M.G University delivered the Keynote address and presented the Bio- Diversity Register to the Grama Panchyath President. He also officially inaugurated the N.S.S activities of 2011-12 by lighting the lamp. We presented a copy of the Bio-diversity register to the Hon’ble Vice –Chancellor Dr.Rajan Gurukkal through the favor of Dr. K. Prakash .

Seven days Special Camp of the year 2011 was held from 2<sup>nd</sup> September to 8<sup>th</sup> September 2011. Rev. Dr. Cyrus Velamparambil Director, Mar. Sleeva College of Nursing, Cherpunkal inaugurated the camp on 2<sup>nd</sup> September 2011.

The main activity of the camp was a Study survey on “On Environmental Cleanliness and Waste Disposal Problems” of Kidangoor Grama Panchayath. Shri. Bobby Mathew, President

Kidangoor Grama Panchayath, inaugurated the survey and awareness campaign. The survey was conducted to find out the waste disposal problems of the Grama Panchayath and give practical suggestions to solve those problems. During the camp classes were conducted on various topics like personality Development, Communication skills, Preservation of Environment and waste Disposal and File management etc. Vishnu C.M. and Shaianky Thomas were selected as best campers. As a part of the Gandhi Jyanthi celebrations the NSS unit organized a one day seminar on “Organic Farming and Medicinal Plants” on 1<sup>st</sup> October 2011. Shri. Jose Mathew, Public Relation officer Peermedu Development Society, was the Chief Resource Person. Eighty senior volunteers actively participated in the seminar. On December 1, 2011 we organized an awareness programme at Pala Town. We conducted a Rally from Town bus stand Pala to Kottaramattom Bus Terminal on the occasion of ‘World AIDS Day’. The rally was flagged off by Shri. Jayachndran, Circle Inspector of Police, Pala. Street Plays and survey on AIDS awareness were also conducted on the occasion on 17<sup>th</sup> 18<sup>th</sup> December 2011. NSS Unit conducted a Two Day Mini Work Camp for the Tabulation and analysis of data obtained in the survey on Environmental cleanliness and waste disposal problems of Kidangoor Grama Panchayath collected by the volunteers during the Seven day Special camp 2011. As a part of the work camp they made a Medicinal Plant nursery in the College Campus. More than 200 saplings of different Medicinal plants were grown in the Nursery.

Twenty Volunteers from our college participated in a one day work shop on ‘Preparation of Bio-diversity Register organized by the Kozhuvanal Gramapanchayath Committee 13<sup>th</sup> January 2012. On 15<sup>th</sup> February 2012 NSS volunteers organized a function at Kottaramattom Bus Terminal Pala as a part of National Awareness Campaign on ‘protection of Bio Diversity’. Our Programme officer Shri Antony Lukose explained need and importance of Bio-Diversity protection to the General Public. As part of the awareness camping, NSS volunteers distributed medicinal plant saplings prepared by them free of charge to the General Public of Pala Town.

- (c) Arts Festivals : Arts competitions were conducted for the student of the college  
 (d) Sports : Nil  
 (e) Games : Nil

**17. Industry Varsity Linkage (If any, Short Description): Nil**

**18. Academic Tie-Ups (if any)**

1. Tie up with IPSR Solutions, Kottayam for giving training to BCA and M.Sc Computer Science students in Dot Net & PHP and also for placement activities.
2. Tie up with Tax Study centre, Kottarakara giving training in practical accounting & Tax for Second year B.com Students And Tally9 for 3<sup>rd</sup> B.Com Students.

**19. Student Progression:**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships ) Nil

**20. Campus Recruitment (if any)**

Sl	Name of the firm	No. of students attended		No. of students Selected	
		M	W	M	W
1	TCS	35	29	9	6
2	UST	12	9	1	2
3	Wipro	32	40	4	14
4	CTS	30	26	8	7
5	I Gate	6	7	1	1
6	HCL	30	10	20	----

**21. Number of PhD’s produced if your college is an approved Research Centre : N.A**

**22. Research Scholars Registered in the College, if your college is an approved Research Centre: N.A**

**23. List of Research Guides in your College (With e-mail and website): N.A**

## KRISTU JYOTI COLLEGE OF MANAGEMENT AND TECHNOLOGY

**1. Name of the College** : Kristu Jyoti College of Management and Technology  
(With e-mail and website) : [kristujyoti@gmail.com](mailto:kristujyoti@gmail.com) & [www.kristujyoticollege.com](http://www.kristujyoticollege.com)

**2. Name of the Principal** : Fr. JOSHY CHEERAMKUZHY CMI

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	11	16	0	0	27
Non Teaching	11	4	0	0	15

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B Com	111	68	MCA	42	112						
BBA	49	33	M Com	6	6						
BCA	48	32									

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women									
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B Com 2008	26	28	24	28	MCA 2008	26	30	26	30
BBA					M COM				
BCA									

### 6. Details of Tests cleared by Students

#### 7. Library

- (a) Total Number of Books : 6950  
(b) Total Number of Journals : 23  
(c) Total Number of Periodicals : 26  
(d) Numer of titles added during the year : 898

#### 8. Grants Received From

- (a) State Government : Nil  
(b) Central Government : Nil  
(c) University Grant Commission : Nil  
(d) Others - Specify : Nil

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** : Nil

**12. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars (A Short Description)** : Nil

**14. Academic Achievements (A Short Description)** : Nil

**15. Student Achievements - Academic (A Short Description)** : Nil

MCA student – Ms. Rashmi Nair of 2008-11 Batch bagged Second Rank

B. Com Student – Ms. Asha K Antony , bagged second rank during 2007-10 Ms.

Anju Sara Varghese- 1<sup>st</sup> Rank, Ms. Mariam Mathen – II rank during 2008-11

**16. Students Activities/ Achievements –(Extra Curricular)**

- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Two Units
- (c) Arts Festivals : Arts Fest Conducted
- (d) Sports : Sports Fest Conducted
- (e) Games : Nil

**17. Industry Varsity Linkage**

: Nil

**18. Academic Tie-Ups ( if any ):** Tie up with Cochin Stock exchange for providing NISM Certification Course

Tie up with Tally, for Tally Certification Course

Tie up with G-Tech for DIFA Course

Tie up with Time for MAT course

Tie up with Logic for MCTS & PHP courses

**19. Student Progression**

: Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Wipro Ltd	2	2	2	2
2	U S Tech	1	01	1	0
3	Nest			1	0
4	Spectrum			1	0

**21. Number of PhD's Produced**

: Nil

**22. Research Scholars Registered in the College**

: Nil

**23. List of Research Guides in your College (With e-mail and website) : Nil**

## M.E.S COLLEGE, ERUMELY

- 1. Name of the College** : M.E.S College, Erumely  
 (With e-mail and website) E-mail: [principal@meserumelycollege.ac.in](mailto:principal@meserumelycollege.ac.in)  
 Website: [www.meserumelycollege.ac.in](http://www.meserumelycollege.ac.in)

- 2. Name of the Principal** : Dr. N Unnikrishnan

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	10	31	-	1	42
Non Teaching	7	5	1	-	13



#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BBA	60		M.Sc C.S	25							
BCA	60		M.Sc Electronics	30							
B. Sc Electronics	60		M.Com	30							
B.Com C. A	60		M.S.W	25							
B.Com Finance & Taxation	40										

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		Passed		M . Ph il	Appe ar ed		Passe d		Ph . D	Appe are d		Passe d	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BBA	38	25	28	21	M.Sc C.S	3	13	1	11										
BCA	25	40	13	35	M.Sc Ele.	11	2	10	2										
B.Sc	42	18	30	16	M.Com	13	77	12	7										
B.Com C.A	45	21	34	20	M.S.W	1	8	1	7										

6. Details of Tests cleared by Students : Nil

#### 7. Library

- (a) Total Number of Books : 8977  
 (b) Total Number of Journals : 20  
 (c) Total Number of Periodicals : 66  
 (d) Numer of titles added during the year : 50

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty (Name wise –with details) : Nil

12. Publications by the Faculty with Impact factor of the Publications Nil

13. Research Highlights of Faculty/Scholars (A Short Description) : Nil

14. Academic Achievements (A Short Description) : Nil

15. Student Achievements - Academic (A Short Description) : Nil

16. Students Activities/ Achievements –(Extra Curricular)

Two Students have won I & II prize in the body building competition held by the M.G University

- (a) National Cadet Crops  
 (b) National Service Scheme

Inter collegiate leadership camp of M.G university held at M.E.S Campus on 9, 10, 11 December 2011. N.S.S volunteers of 108 colleges affiliated to M.G University.

- (c) Arts Festivals

(d) Sports

(e) Games

17. Industry Varsity Linkage : Nil

18. Academic Tie-Ups (if any) : Nil

19. Student Progression : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships)

**20. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Muthoot Pappachan Group (Muthoot Fin. Corp Ltd.)	30	25	5	3

21. Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College : Nil

## MAR AUGUSTHINOSE COLLEGE RAMAPURAM

1. Name of the College : Mar Augusthinoose College, Ramapuram

Email : [principalmacrpm@gmail.com](mailto:principalmacrpm@gmail.com)

Website : [www.augusthinoosecollege.org](http://www.augusthinoosecollege.org)

2. Name of the Principal : Dr. Joseph V.J.

3. Staff Profile:

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	38	35	Nil	Nil	73
Non Teaching	14	6	Nil	Nil	20

4. Courses offered with Number of Seats \* (For Details Annexure I Attached)

Sl No	Under Graduate	No of Seats		P G	No of Seats		M Phil		Ph. D.	
		M	W		M	W	M	W	M	W
1.	BBA	128	62	M Sc (CS)	8	31	Nil	Nil	Nil	Nil
2.	BCA	183	175	M Sc (Ele)	29	20				
3.	B Sc (Ele)	110	29	M Sc (BT)	6	6				
4.	B Sc (BT)	19	53	M S W	13	7				
5.	B Com	247	141	MHRM	22	41				
6.	B A (C E)	45	51	M Com	32	42				

## 5. Student intake

Sl No	Under Graduate	Appeared		Passed		P G	Appeared		Passed	
		M	W	M	W		M	W	M	W
1.	BBA	43	27	20	23	M Sc (CS)	2	10	2	10
2.	BCA	60	61	19	50	M Sc (Ele)	9	5	8	4
3.	B Sc (Ele)	38	15	9	7	M Sc (BT)	-	-	-	-
4.	B Sc (BT)	3	15	3	10	M S W	-	-	-	-
5.	B Com	55	38	47	35	MHRM	3	16	3	14
6.	B A (C E)	7	12	7	11	M Com	13	17	8	14

6. **Details of Tests cleared by Students** : 50 cleared 'mat'
7. **Library**  
a) Total Number of Books : 11548  
b) Total Number of Journals : 16  
c) Total Number of Periodicals : 17  
d) Additions during the period : 519
8. **Grants Received from**  
a) State Government : Nil  
b) Central Government : Nil  
c) University Grant Commission : Nil  
d) Others – specify : Nil
9. **Projects undertaken** : Nil
10. **Seminars conducted**  
a) State level : Shri. Kris Gopalakrishnan, Co Chairman, Infosys led an IT seminar in Oct 2011.  
b) National level : Nil  
c) International level : Nil
11. **Seminars conducted by faculty (name wise – with details)**  
a) **State level** : Media seminar by the department of English in October. Eminent scholars from the fields of journalism cinema participated. Shri. T. V. Chandran Shany Prabhakar(Manorama) Shajan C. Mathew (Mangalam), Benzy Iyyampally(Radio Mango) were a few who participated.  
b) **National level** : Nil  
c) **International level** : Nil
12. **Publications by the Faculty with impact factor of the Publications :**  
Mr. Abhilash V., Lecturer, Dept. of Electronics published a book on electronics entitled, 'A Key to Programme Microcontroller System' published by S. Chand & Co, Delhi.
13. **Research Highlights of Faculty / Scholars** : Nil
14. **Academic Achievements :**  
\* University First and Second Ranks in MHRM and Third Rank in M Sc (Computer Science) during the academic year.
15. **Student Achievements – Academic :**  
Alan Regi Varghese attended the Winter Adventure Camp in Jammu and Kashmir

**16. Students Activities / Achievements (Extra Curricular)**

- a) National cadet Corps : Nil  
 b) National Service Scheme – Conducted Seven day special camp in X'Mas vacation and NSS Units constructed two houses for homeless families.  
 c) Arts Festivals – conducted on 13-02-2012  
 d) Sports – conducted on 21-02-2012  
 e) Games – conducted on 21-02-2012

Name of the Courses (Subjects) offered by the college / Depts.	Sanctioned Strength of Students	Total No. of Students (2011-2012)						
		I Year		II Year		III Year		Total
Year wise		M	F	M	F	M	F	
Gender wise								
Subject wise								
B B A	70	46	22	45	15	37	25	190
B C A	70+70	57	64	67	51	59	60	358
B Sc Electronics	66	36	8	38	5	36	16	139
B Sc (B T)	36	8	19	6	16	5	18	72
B Com	70+70	88	47	75	50	84	44	388
BA (Co. English)	70	14	22	14	12	17	17	96
M Sc ( CS )	31	3	15	5	16			39
M Sc ( Ele )	38	17	3	12	17			49
M Sc ( BT )	25	2	2	4	4			12
M S W	38	6	3	7	4			20
M H R M	38	12	18	10	23			63
M Com	38	17	20	15	22			74
Total (All Courses)		306	243	298	235	238	180	1500

17. Industry Varsity Linkage (if any) : Nil  
 18. Academic Tie-ups (if any) - With Tally Academy, Bangalore  
 19. Student Progression (Brief about the past students) : Nil  
 20. Campus Recruitment (if any)

Sl No	Name of the Firm	No of Students Attended		No of Students Selected	
1	U S Technologies, Tvm	38(M)	42(F)	1(M)	7(F)
2	Wipro	10(M)	14(F)	-	3(F)

21. Number of PhD's produced : Nil  
 22. Research Scholars Registered in the college : Nil  
 23. List of Research Guides in your College : Nil

**M C VARGHESE COLLEGE OF ARTS & SCIENCE,  
NEELIMANGALAM**

**Programs executed /to be executed -at a glance**

1. Orientation Programme  
Two day residential orientation programme successfully conducted at Orthodox Study Centre Kottayam on 2nd and 3<sup>rd</sup> December 2011
2. Social Activism  
Mullaperiyar Aikyadartya Rally conducted on 12<sup>th</sup> December 2011 to awaken the public consciousness.
3. Union and Cultural Activities  
Inauguration of the College union by renowned film director Mr.Siddique & Arts club inaugurated by cine artist Ms Mithra Kurian on 15<sup>th</sup> December 2011.Variety cultural programmes staged by students on the same day.
4. Onam Celebration  
Onam celebrated in the college campus on 20<sup>th</sup> August.Onam feast, Ona pookkalam & Onakkali were notable programmes.
5. X mas Celebration  
Xmas celebrated in the college campus on 28<sup>th</sup> December 2011.Dr K Babuji Rtd Prof. Maharajas College delivered the Xmas Message.Xmas cake distributed in the campus.Xmas programmes also conducted by students.
6. Overhauling Programmes
  - World friendship day observed in the campus on July 25<sup>th</sup> 2011.
  - National voter's day celebrated on 9<sup>th</sup> January 2012.
  - Teachers day observed in the campus on 5<sup>th</sup> September 2011
  - Yoga class conducted by Natasha Nathaliya a Russian Yoga Guru on 10<sup>th</sup> February 2012
7. Remembrance Programmes
  - Founder's day observed on 9<sup>th</sup> January 2012 to remember Late Sri M C Varghese.
  - Paid homage to Dr.Sukumar Azhikode famous literary critic and social activist.
8. Health awareness programmes
  - Blood grouping camp conducted in the college campus on August 8<sup>th</sup> by Mangalam Diagnostic Centre.Students are willing to donate blood and a blood donors club is working.
9. Exchange Programmes
  - BCA students visited Eng.College and attended lecture classes of Eng.College faculty.
  - Attended the Inaugural ceremony of Mangalam Management Fest by Staff & students.
10. Student Welfare Programmes
  - Initiated grant from Govt.for SC/ST & OEC students.
  - Initiated students travel concession in KSRTC & Private Bus
  - Registered our college in Govt .List for Post metric scholarship .
11. College Union Election & Meetings
  - Elections conducted under parliamentary mode to elect Chairman and various office bearers .Meetings of office bearers convenes at regular intervals.
12. Expansion programmes
  - Strenuous efforts are under pipeline to start a Learners Support Centre of

University of Kerala and it is glad to see that we have short listed in the score list in second place.

13. Moral programmes
  - Morning prayers regularly conducted by College Choir. Moral classes are engaged by teachers from 3.30-4.00 PM
14. Guest Lectures
  - Dr. V Anandakumar, Prof Department of Environmental studies Mahatma Gandhi University, agreed to conduct a class on environment and sustainable development during the 3<sup>rd</sup> week of February 2012.
  - Dr T R Krishnankutty Rtd .Prof of Govt.College Kottayam agreed to deliver a speech on social responsibility of business during first week of March 2012.
  - Planning to organize a lecture on free software system for BCA students.
15. Literary Programmes
  - Planned to publish a college magazine during the second half of 2012.
  - A college calendar is in the incubation stage
16. Class PTA
  - Class PTA of( Ist Semester)BBA, BCA, & BCom students conducted on September 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> 2011.PTA Meeting (IInd semester)will be conducted during 1<sup>st</sup> week of March 2012.
17. Internal Examinations and Class test
  - Two internal examinations on 1st Semester conducted and one such examinations Conducted during second semester. Re -test also conducted. Monthly class tests also conducted. One more internal examination will be conducted during March 2012.
18. Teacher Evaluation
  - An academic audit conducted among students and 70%of students are of the opinion that teachers are outstanding and 30% of the opinion that teachers are good.
19. Students Profile
  - Format designed and will be completed shortly.
20. Staff Meeting
  - Regular staff meetings are convened and already 15 meetings conducted.
21. Attendance of Students
  - 90% students have attendance above 85%.Only 5 % students have short fall in attendance. The matter has been communicated to the parents.
22. Staff Tour & Students Tour
  - A staff tour organized on 6<sup>th</sup> October 2012 to Vazhachal & Athirappally. One day tour of students and I V is under consideration and permission from management is expected.

## **P.G.R.M.S.N.College, Channanikad**

**1. Name of the College** : P.G.R.M.S.N.College, Channanikad  
(With e-mail and website) : [pgrmsnc@rediffmail.com](mailto:pgrmsnc@rediffmail.com) & [pgrmsn@gmail.com](mailto:pgrmsn@gmail.com)  
: [www.pgrmsncollege.com](http://www.pgrmsncollege.com)

**2. Name of the Principal** : Dr. P.G. Pradeep Kumar

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	10	NIL	NIL	12
Non Teaching	2	1	NIL	NIL	3

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
I <sup>st</sup> B.Com	35	35	I <sup>st</sup> MTA	3	1	Nil			Nil		
II <sup>nd</sup> B.Com	37	23	3/20								
III <sup>rd</sup> B.Com	30	26	II <sup>nd</sup> MTA	3	-						
III <sup>rd</sup> B.Sc 30	3	3									

### 5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
(a) I <sup>st</sup> B.Com I <sup>st</sup> Sem result not published	35	35			MTA	1	2		
(b) II <sup>nd</sup> B.Com II <sup>nd</sup> Sem Result Published. All Pass	37	23	37	23					
(c) III <sup>rd</sup> B.Com I <sup>st</sup> , II <sup>nd</sup> , III <sup>rd</sup> , IV <sup>th</sup> , V <sup>th</sup> Result Published. All Pass	30	26	30	26					
(d) III <sup>rd</sup> B.Sc Biotech I <sup>st</sup> , II <sup>nd</sup> , III <sup>rd</sup> , IV <sup>th</sup> , V <sup>th</sup> Sem Result Published. All Pass	3	3	3	3					

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

(a) Total Number of Books : 962  
 (b) Total Number of Journals : 5  
 (c) Total Number of Periodicals : 11  
 (d) Number of titles added during the year : Nil

### 8. Grants Received From

(a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

### 9. Projects Undertaken

: Nil

- 10.Seminars Conducted : Nil  
 11. Seminars Conducted by Faculty : Nil  
 12.Publications by the Faculty with Impact factor of the Publications : Nil  
 13.Research Highlights of Faculty/Scholars (A Short Discription) : Nil  
 14.Academic Achievements (A Short Discription) : Nil  
 15.Student Achievements – Academic –(Extra Curricular) : Nil  
 16.Students Activities/ Achievements –(Extra Curricular) : Nil  
 (a)National Cadet Crops : Nil  
 (b) National Service Scheme 1) Conduct Scio Economics Survey on Panachikad Grama Panchayat  
 2) Cleaning Health Centre  
 (c) Arts Festivals : Yes  
 (d) Sports : Nil  
 (e) Games : Nil  
 17.Industry Varsity Linkage (If any) : Nil  
 18.Academic Tie-Ups ( if any) : Nil  
 19.Student Progression ( Brief about the past students ) : Nil  
 20.Campus Recruitment ( is any ) : Nil  
 21.Number of PhD’s Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23.List of Research Guides in your College : Nil

## SAINTGITS COLLEGE OF APPLIED SCIENCES

1. Name of the College : SAINTGITS COLLEGE OF APPLIED SCIENCES  
 (With e-mail and website) : bcom@saintgits.org, [www.saintgits.org](http://www.saintgits.org)

2. Name of the Principal : PROF. M.C JOSEPH

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	7	-	-	12
Non Teaching	1	2	-	-	3

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.COM WITH COMPUTER APPLICATIONS	120										

### 5.Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.COM WITH COMPUTER APPLICATIONS	27	34	27	34					



**6.Details of Tests cleared by Students**

Sl.No.	National Level	State Level	
1	-	PGDT( Post Graduate Diploma in Taxation)	
2	-	MAT, CAT	

**7.Library**

(a) Total Number of Books	: 3655
(b) Total Number of Journals	: 9
(c) Total Number of Periodicals	: 15
(d) Number of titles added during the year	: 215

**8.Grants Received From**

(a) State Government	: Nil
(b) Central Government	: Nil
(c) University Grant Commission	: Nil
(d) Others - Specify	: Nil

**9.Projects Undertaken:Nil****10.Seminars Conducted:Nil****11. Seminars Conducted by Faculty** (Name wise –with details) : Nil**12.Publications by the Faculty with Impact factor of the Publications** : Nil**13.Research Highlights of Faculty/Scholars** (A Short Description) : Nil**14.Academic Achievements** - 100% pass in B.Com during 2009-10 and 2010-11.**15.Student Achievements - Academic**4<sup>th</sup> & 6<sup>th</sup> rank in B.Com Computer Applications with 100% pass.**16.Students Activities/ Achievements** –(Extra Curricular)

(a) National Cadet Crops	:Nil
(b)National Service Scheme	:Nil
(c) Arts Festivals	: Conducted Arts Fest at College Level.
(d) Sports	: Conducted Annual Sports Day at College Level.
(e) Games	: Participated in the inter- collegiate Basket ball, Cricket and Football tournaments.

**17.Industry Varsity Linkage** : Sending students for on the job training in various industries like Rubber Board, Plantation Corporation, MRF, Manoramma, Co-operative Banks etc.**18.Academic Tie-Ups ( if any )** : Nil**19.Student Progression** : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	IPSR, Kottayam	5	10	-	1

**21.Number of PhD's Produced** :Nil**22. Research Scholars Registered in the College** :Nil

Sl.No.	Name of Research Scholar	Title	Name of Guide
1.	Anish B Bhaskaran	Stress Managemnet	Dr. Zacharias Thomas

**23.List of Research Guides in your College** (With e-mail and website ) Dr.Zacharias Thomas, drzacht@rediffmail.com

## St Joseph College of Communication, Kurisummoodu P.O.Changanacherry

1. **Name of the College** : St Joseph College of Communication, Kurisummoodu

2. **Name of the Principal** : Rev. Dr. Wilson Kottam

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	19	5	NIL	NIL	24
Non Teaching	7	8	NIL	NIL	15

### 4. Course Offered with Number of Seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph.D	Number of Seats	
	M	W		M	W		M	W		M	W
259	204	55	35	35	2	-	-	-	-	-	-

### 5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph.D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
	82	20	37	9		7		7		-	-	-	-	-	-	-	-	-	-

6. **Details of Tests cleared by Students (if any)** : Nil

### 7. Library

- a) Total Number of Books : 4030
- b) Total Number of Journal : 6
- c) Total Number of Periodicals : 14
- d) Additions during the period : 300

### 8. Grants Received From

- a) State Government : Nil
- b) Central Government : Nil
- c) University Grant Commission : Nil
- d) Others – Specify

9. **Projects Undertaken** : Nil

10. **Seminars Conducted** : Nil

### 11. Seminars Conducted by Faculty (Name wise- with details)

- a) State Level : Nil
- b) National Level : Consultative meeting for GOPA holders of Community radio organized by ministry of Information & Broadcasting – attendant Mr. Leenus L.K., H.O.D. Multimedia
- c) International Level : Nil

### 12. Publications by the faculty with impact factor of the Publications:

1. A Communicative volume titled “50 Frames” edited by LEENUS L.K., HOD Multimedia the Golden Jubilee FTII, PUNE published by FTII, Pune and 6, GRAFTII, KERALA.

2. Second Book “kn\’nam Hcp hnkva-b-Ie” – by Prof. John Sankaramangalam Monthly articles on Cinema in “Pradeepam”.

13. **Research Highlights of Faculty / Scholars** : Nil  
 14. **Academic Achievements** : Nil

**15. Student Achievements – Academic Rank**

<u>BA Multimedia</u>	<u>BA Animation</u>	<u>MA Cinema &amp; Television</u>
Merina Thomas – I Rank	Parvathy Menon	Noble Peter
Reesa George –II Rank	Sreepadmam S.	
Rosmy Paul – III Rank	Reenu Pavoodam	

**16. Students Activities/ Achievements – (Extra Curricular)**

- a) National Cadet Crops : Nil  
 b) National Service Scheme : Nil  
 c) Arts Festivals (University Youth Festival) – Yet to organize  
 d) Sports Games : Nil

17. **Industry Varsity Linkage (if any):** A community radio station named Radio Media Village 90.8 FM started by the college in January 2012 under license from Govt. of India

18. **Academic Progression** : Nil

19. **Student progression** : 70% have achieved good placements in various reputed firms all over India and abroad  
 : 20% joined for higher studies at different part of India and abroad.

**20. Campus Recruitment (is any)**

Sl. No	Name of the Firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1	Cha Yo Wo Games, Kochi	70	20	65	12

21. **Number of PhD’s Produced** : Nil  
 22. **Research Scholar Registered in the College** : Nil  
 23. **List of Research Guides in your college** : Nil

## TRAINING COLLEGES(AIDED)

### St. Joseph’s Training College Mannanam

1. **Name of the College** : St. Joseph’s Training College Mannanam  
 (With e-mail and website) : [stjosephstrainingcollege@gmail.com](mailto:stjosephstrainingcollege@gmail.com)  
 : [www.sjtc.org](http://www.sjtc.org)
2. **Name of the Principal** : Fr.(Dr.) K. M. Rajan

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching					
B.Ed.	6	6	-	-	12
M.Ed	1	4	-	-	5
Non Teaching	9	4	-	-	13

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed.	33	112	M.Ed.	5	11	-	-	-	-	-	-

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
B.Ed.	17	120	16	120	M.Ed	7	18	7	17	-	-	-	-	-	-	-	-

### 6. Details of Tests cleared by Students (if any)

Sl.No.	National Level	State Level
1	2	1

### 7. Library

- (a) Total Number of Books : 20,472  
 (b) Total Number of Journals : 20  
 (c) Total Number of Periodicals : 16  
 (d) Additions during the period : 402

### 8. Grants Received From

- (a) State Government : 5,10,676 /- ( SC/ST/OEC/SEBC Grant)  
 (b) Central Government : Nil  
 (c) University Grant Commission : Rs. 27,04,214/-  
 (d) Others - Specify : Nil

### 9. Projects Undertaken

- (a) **Fr. (Dr.) K. M. Rajan** - Principal Investigator – UGC funded Minor Research Project – “An exploratory study of the phenomenological primitive and misconceptions of students of age group 11-13 year.” Project completed and report submitted to UGC.  
 (b) **Fr. (Dr.) Thomas P.J.** – Principal Investigator - UGC funded Minor Research Project - Administrative problems of the heads of higher secondary schools of Kerala in relation to the leadership behaviour and teachers attitude towards educational administration

### 10. Seminars Conducted

- (a) State Level : Nil  
 (b) National Level (1) UGC sponsored national level seminar Science of Identifying Research Problems and Crafting of Proposals held on 25<sup>th</sup> & 26<sup>th</sup> February 2011  
 (2) National Level Workshop on Research Methodology, Statistics & SPSS Package conducted from 26<sup>th</sup> September to 2<sup>nd</sup> October 2011  
 (c) International Level : Nil

- 11. Seminars Conducted by Faculty** (Name wise –with details)
- (a) State Level : Nil
- (b) National Level (1) Dr. Sibichen K.K., Asst. Professor in Education; Co-ordinator – A UGC sponsored national level seminar Science of Identifying Research Problems and Crafting of Proposals held on 25<sup>th</sup> & 26<sup>th</sup> February 2011  
(2) Dr. Sibichen K.K., Asst. Professor in Education; Co-ordinator - National Level Workshop on Research Methodology, Statistics & SPSS Package conducted from 26<sup>th</sup> September to 2<sup>nd</sup> October 2011
- (c) International Level : Nil
- 12. Publications by the Faculty with Impact factor of the Publications**  
Rajan, K. M., (2011). A Science Class in a California School. *The Ground Builder: An Attempt to Recast Quality Education, 1(1), 22-28*  
Sibichen, K. K., Gopalakrishnan, A. V. (2011). Identification of learning styles for better curriculum transaction. *GCTE Journal of Research and Extension. 6(2), 71-74.*
- 13. Research Highlights of Faculty/Scholars** : Nil
- 14. Academic Achievements**  
The following faculty member was awarded with Ph.D degree in 2011.  
1. Fr. (Dr.) Sibichen K. K.
- 15. Student Achievements - Academic** : Nil
- 16. Students Activities/ Achievements** (Extra Curricular)
- (a) National Cadet Crops : Nil  
(b) National Service Scheme : Nil  
(c) Arts Festivals : Nil  
(d) Sports : Overall championship in the 5<sup>th</sup> Inter-training collegiate Athletic meet held on 19/2/2011  
(e) Games : Nil
- 17. Industry Varsity Linkage** (If any) : Nil  
**18. Academic Tie-Ups** ( if any ) : Nil  
**19. Student Progression** : Nil  
**20. Campus Recruitment** ( is any ) : Nil  
**21. Number of PhD's Produced** : Nil  
**22. Research Scholars Registered in the College:** Nil  
**23. List of Research Guides in your College** 1. Fr. (Dr.) K. M. Rajan, Principal

## St.Thomas College of Teacher Education Pala

**1. Name of the College** : St.Thomas College of Teacher Education, Pala  
(With e-mail and website) [www.stce-pala.info](http://www.stce-pala.info)  
[stcepala@gmail.com](mailto:stcepala@gmail.com)

**2. Name of the Principal** : Sri. Jose P Mattam

### 3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	8	-	-	12
Non-Teaching	8	6	-	-	14

#### 4. Courses Offered with Number of seats

Under graduate			Post graduate			M.Phil			Ph.D		
	M	W		M	W		M	W		M	W
B.Ed 150	-	-	M.Ed 35	-	-						

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																	
Under graduate	Appeared		Passed		Post Graduate	Appear ed		Passed		M. Phil	Appear ed		Ph .D	Appeare d		Passe d	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
B.Ed	20	127	20	127	M.Ed	4	20	2	18								

#### 6. Details of Tests cleared by Students (if any)

Sl.No.	National Level	State Level
	4 (NET)	32 (SET)

#### 7. Library

- (a) Total Number of Books : 14755  
 (b) Total Number of Journals : 40  
 (c) Total Number of Periodicals : 37  
 (d) Number of titles added during the year : 201

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Rs.2653508/-  
 (d) Others - Specify : Nil

#### 9. Projects Undertaken

- a) Sr.Beenamma Mathew:- “Effectiveness of Conceptual Change Models of Learning on Misconceptions in Mathematics Among Secondary School Students with Different Learning Styles”  
 b) Sri.T.C Thankachan :- “Developing Emotional Competencies among Adolescents through Experiential Learning – an Experimental Study”.

#### 10. Seminars Conducted : Nil

#### 11. Seminars Conducted by Faculty : Nil

#### 12. Publications by the Faculty with Impact factor of the Publications:

- 1) Dr. T.M Mollykutty – Kitchen Garden: a Panacea for life style Diseases – Global Ayurveda 2011.
- 2) Sri. T.C Thankachan –
  - Peace Education: A Conceptual frame work – UGC Major Research Project, St.Thomas College of Teacher Education, Pala
  - Peace Value Model : Theory and Practice – UGC Major Research Project, St.Thomas College of Teacher Education, Pala
- 3) Smt. Lavina Dominic
  - ‘Impact of the Residential Status of Parents on Interpersonal Relationship and Creativity among Peers of Adolescents’ in Edutracks, Vol. II No.I, September 2011
  - ‘Impact of ‘The Working Status of Mothers on Social Adjustment And Academic Achievement of Elementary School Pupils’ to International Educator

- 4) Smt.Sunu Austin
- **“Peace Education: A Conceptual Framework”**, 2011, UGC Major Research Project, St. Thomas College of Teacher Education, Pala. (Along with Sri. T.C. Thankachan, Assistant Professor).
  - **“Peace Value Model: Theory and Practice”**, 2011, UGC Major Research Project, St. Thomas College of Teacher Education, Pala. (Along with Sri. T.C. Thankachan , Assistant Professor, and Mrs. P. D Bindumol).
- 13. Research Highlights of Faculty/Scholars**
- i. Sr.T.C Thankachan had Submitted Ph.D thesis on 12/4/2011
  - ii. Sr.Beenamma Mathew, Sr.Mary Thomas, Mrs. Lavina Dominic and Priya Mathew have registered for Ph.D In Bharathiyar University, Coimbatore and Sr.Shalby P Jose has registered for Ph.D in Kannur University.
  - iii. Smt. Bindu David had submitted the Ph.D thesis in Alagappa University.
- 14. Academic Achievements – Nil**
- 15. Students Achievements – Academic**
- i. 100% pass for the B.Ed. Degree Examination held in September 2011 with scoring 4 A+ grade, 66 A grade, 61 B+ grade, 10 B grade and 1 C+ grade.
  - ii. 32 students passed the SET Examination held in June 2011 and 4 students passed NET examination
- 16. Students Activities/ Achievements – (Extra Curricular)**
- (a) National Cadet Crops : Nil  
National Service Scheme : Nil  
Arts Festivals :
- i. Sri.Jibin Raja George won 3<sup>rd</sup> prize in All Kerala Intercollegiate quiz competition conducted by St.John the Baptist College of Education and Alumni Association
  - ii. Nishida K won 3<sup>rd</sup> prize in All Kerala Intercollegiate quiz competition conducted by St.John the Baptist College of Education and Alumni Association
  - iii. Prince J Mathew won the 3<sup>rd</sup> place in the Intercollegiate quiz competition conducted by Mar Thoma College, Thiruvalla.
  - iv. Gibin Raja won the 3<sup>rd</sup> place in the Intercollegiate quiz competition conducted by Mar Thoma College, Thiruvalla.
  - v. Gibin Raja won Second place in All Kerala Intercollegiate English literary quiz completion conducted by Devamatha College, Kuravilangad.
  - vi. Prince J Mathew won Second place in All Kerala Intercollegiate English literary quiz completion conducted by Devamatha College, Kuravilangad.
- (d) Sports:
- i. Seetha M.A won 3<sup>rd</sup> place in Shot put in the Vth Inter Training Collegiate Athletic Meet organized by St.Joseph’s Training College, Mannanam.
  - ii. Anil Abraham won 3<sup>rd</sup> place in Javelin in the Vth Inter Training Collegiate Athletic Meet organized by St.Joseph’s Training College, Mannanam.
- (e) Games :
- i. Anil Abraham and Preestly Thomas won the second place in the men’s doubles Principals’ Trophy Inter B.Ed Shuttle Badminton Tournament.
  - ii. Preestly Thomas won the first place in the men’s singles Principals’ Trophy Inter B.Ed Shuttle Badminton Tournament.
- 17. Industry Varsity Linkage (if any) : Nil**
- 18. Academic Tie-Ups (if any) : Nil**
- 19. Student Progression (Brief about the past students)**  
About 70 students got placements in different college and schools
- 20. Campus Recruitment (is any) : Nil**
- 21. Number of Ph.D’s Produced : Nil**
- 22. Research Scholars Registered in the College : Nil**
- 23. List of Research Guides in your college : Nil**

# TRAINING COLLEGES (UNAIDED)

## Labour India College of Teacher Education

1. Name of the College : Labour India College of Teacher Education  
(with email & website) : [labourindiab.edcollege@gmail.com](mailto:labourindiab.edcollege@gmail.com)  
[www.teacherscollege.in](http://www.teacherscollege.in)

2. Name of the Principal : Alice Mathew

### 3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	5	–	–	8
Non Teaching	1	2	–	–	5

### 4. Course Offered with Number of Seats

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M.Phil	Number of Seats	Ph.D	Number of Seats
B.Ed	100	M.Ed	25				

### 5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared	Passed
	M	W	M	W		M	W	M	W			
B.Ed	4	13	4	13	M.Ed	8	16	5	11	-	-	-

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

(a) Total Number of Books : 2118  
(b) Total Number of Journals : 21  
(c) Total Number Periodicals : 5  
(d) Additions during the Periods : 11

### 8. Grand Received From

(a) State Government : Nil  
(c) Central Government : Nil  
(d) University Grant Commission : Nil  
(e) Others –Specify : Nil

### 9. Projects Undertake

: Nil

### 10. Seminars Conducted

(a) State Level : Nil  
(b) National Level : Nil  
(c) International Level : Two day International seminar by Mr. Dean on ‘ Multiple Intelligence’ for School teachers conducted

11. Seminars Conducted by Faculty (Name wise –with details) : Nil

12. Publication by the Faculty with Impact factor of the Publications : Nil

### 13. Research Highlights of Faculty /Scholars

Two of the faculty members have completed M.Phil Course.

1. Dhanya K G



- M.Ed Thesis Topic: Effect of self acceptance on the Academic achievements of High School Students. Findings: It was found that there is a positive relationship exists between Self Acceptance & Academic Achievements among High School students
- M.Phil Thesis Topic: A study on Emotional maturity of B Ed Teacher trainees in relation to their Social Adjustment and mental health. Findings: The three variables Viz , Emotional maturity, Social Adjustment and Mental Health are positively related and these three influence so much the personality development of an individual.

**2. Sindhu Sebastian**

- M.Ed Thesis Topic: Vocabulary attainment in Malayalam & its relationship with the family factors of secondary students of Kottayam district. Findings: The study revealed that Vocabulary attainment of Urban students is more than that of rural students of Kottayam districts.
- M.Phil Thesis Topic: Procrastination behavior in home environment & academic achievements of adolescence Students of Kerala-Co-relates study. Findings: It was found that there is a positive relationship between Procrastination behavior & academic achievements of adolescence Students

**14. Academic Achievements -**

Alice Mathew-M A(Eco) M.A(His),  
 M.Ed Dhanya K G- MSc , M.Ed, M Phil  
 Thusa Tom –Msc M.Ed  
 Sindhu Sebastian-MA, M Ed,  
 M.Phil, Leena George-M.Sc, M.Ed  
 Ignatious John-M .P.Ed

**15. Students Achievements-Academic**

Out of 17 students appeared for B.Ed 2<sup>nd</sup> Semester Exam  
 - 4 came out with A grade- 12 with B grade- & 1 with C.

**16. Students Activities/ Achievements-(Extra Curricular)**

**(a) National Cadet Corps (b) National Service Scheme (c) Arts Festivals-Arts festivals were conducted during the period. Annual sports & games were also conducted**

The Students staged their own Cultural Programme, Celebrated National Festivals, conducted educational tours, engaged in Work experience programme, conducted social welfare activities etc. Sports & Games activities were undertaken by the students.

- 17. Industry Varsity Linkage (If any)** : Nil
- 18. Academic Tie-Ups(If any)** : Nil
- 19. Student Progression** : Nil
- 20. Campus Recruitment (is any)** : Nil
- 21. Number of PhD's Produced** : Nil
- 22. Research Scholars Registered in the College** : Nil
- 23. List of Research Guides in your College** - Dr.J.Exemmal

## Mangalam College of Education, Ettumanoor

**1. Name of the College** : Mangalam College of Education, Ettumanoor

**2. Name of the Principal** : Dr.Peter Mathew

**3. Staff Profile** :

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	9			12
Non-teaching	2	3	2		5

#### 4. Courses offered with number of seats

Under graduate	No. of seats		Post Graduate	No. of seats		M.Phil	No. of seats		PhD	No. of seats	
	M	W		M	W		M	W		M	W
B.Ed	8	35	M.Ed	3	22	-			-		

#### 5. Student Intake

Under graduate	Appeared		passed		Post graduate	Appeared		passed		M. Phil	Appear ed		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	8	35	8	35	M.Ed	3	22	3	17	-				

#### 6. Details of test cleared by students

Sl.No	National level	State level	
1	UGC - 2		

#### 7. Library

- (a) Total no. of Books : 8158  
 (b) Total No. of Journals : 12  
 (c) Total No. of Periodicals : 16  
 (d) No. of titles added during the year : 100

8. Grants Received from : Nil

#### 9. Projects under taken

Collaborative Project

We got the opportunity to conduct a collaborative project on Environmental Education with Department of Education, Latrobe University, Australia. Smt.Selma.K.J and smt. Simi John( M.Ed students) conducted their dissertation on the above project.

#### 10. Seminars conducted

A Workshop on 'Research Methodology' was conducted in our College by Dr. Premnath.S.Kurup, Professor of Education , Latrobe university, Australia. The programme was highly beneficial for M.Ed students.

11. Seminars conducted by faculty : Nil

#### 12. Publications by the faculty with impact factor of the publications

Smt.Asha Rani.K (faculty, M.Ed) presented a paper on *Sensational Youth – An Alienated Generation of 21<sup>st</sup> Century* in an International Seminar conducted at Karmela Rani Training College, Kollam.

Smt. Asha Rani .k (faculty-M.Ed) presented a paper on *Challenges of Rising Generation in the Changing Profile of Education* in a national seminar conducted at St.Thomas, Training College ,Pala.

#### 13. Research Highlight of faculty

Our Principal Dr.Peter Mathew is a research guide in various Universities under his guidance Sri.Jose Augustine got his Ph.D for his study 'Learning Styles of Higher Secondary Students in Relation to Certain Components of Multiple Intelligence' from Vinayaka Missions University, Salem.

Sri. Martin Babu Panackal Lecturer in Physical Education doing Ph.D on the topic 'Efficacy of Different type of Training Methods on Physical fitness of Sports Persons' on Vinayaka Missions University, Salem.

Smt. Asha Rani. K., Lecturer in Education doing Ph.D on the topic 'Impact of Secular Meditation on Mood Status and Emotional Intelligence of Secondary School Students' on M.G.University, Kottayam

Smt. Smitha.K.Thomas, Lecturer in Commerce doing Ph.D on the topic 'Effectiveness of Outdoor Education on Multiple Intelligence and attainment of Higher Order objectives Among Higher Secondary School Students

**14. Academic Achievements (Teachers)**

Smt.Jisha Chacko – Net Qualified  
Smt.Sijji Jose - M.A (Philosophy and Religion)

**15. Students Achievements - Academic**

Academic Result (Previous year)  
M.Ed : 23 First class and 2 Second class  
B.Ed (CBCSS Program) : 60 A-grade 27 B-Grade

**16. Students Activities/ Achievements – (Extra Curricular)**

Arts Festival : House wise competitions are conducted in (25 items) various stage and non-stage items.  
Sports Day : Various sports and Games are organized and conduct on sports day.

**17. Industry Varsity Linkage**

**Archana women Centre, Vettimukal** - A seminar on woman Empowerment was conducted at Archana Women Centre. A Demonstration class on **food processing** was also conducted in the Centre. The students of B.Ed and M.Ed are whole heartedly participated in the program.

**18. Academic Tie-Ups**

**Visit to orthodox theological seminary at Kottayam-** A seminar on **Environment Education** was presented by Rev.Dr.K.M.George (Principal, orthodox Theological Seminary). visited Medicinal Plant Garden, Museum, Library in the seminary. The visit provide a rich and varied experience to students.

**19. Student Progrssion**

**20. Campus Recritment** : Nil

**21. Number of Ph.D's Produced:** Nil

**22. Research Scholars registered in the College**

Sri.Martin Babu Panackal  
Smt.Asha Rani.K.  
Smt.Smitha.K.Thomas

**23. List of Research Guides in your College** : Dr.Peter Mathew (Principal)

## St. John the Baptists College of Education, Nedumkunnam, Kottayam

**1. Name of the College** : St. John the Baptists College of Education, Nedumkunnam  
(With e-mail and website) : [sjbccollege@gmail.com](mailto:sjbccollege@gmail.com)  
www.sjbccollege.org

**2.Name of the Principal** : Prof. N.J. Joseph

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	9			13
Non Teaching	3	4			7

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M. Phil	Number of Seats		Ph. D	Number of Seats	
					M	W		M	W
B.Ed	100	M.Ed	25						

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
B.Ed	5	36	5	36	M.Ed	8	14	8	14								

#### 6. Details of Tests cleared by Students (if any) : Nil

#### 7. Library

- (a) Total Number of Books : 8064  
 (b) Total Number of Journals : 48  
 (c) Total Number of Periodicals : 52  
 (d) Additions during the period : 38

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

#### 9. Projects Undertaken

: Nil

#### 10. Seminars Conducted :

Nil

#### 11. Seminars Conducted by Faculty (Name wise –with details)

(a) State Level

##### Mr. Sujithran. P

- A faculty of two days workshop for mekhala secretaries of Sasthra Sahithya Parishath conducted by IRTC Mundoor.
- A faculty of ten days workshop for Secretary of Theeramythri Project under the fisheries department of Kerala.
- A faculty of a Workshop on research methodology and statistics conducted by Kollam Fatima Memorial College of teacher education.
- Doing statistical analysis for research scholars in different universities in Kerala Tamilnadu and Karnataka in the field of Education, Economics, Social Works and Management etc.

(b) National Level

(c) International Level

**12. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** : Nil

**14. Academic Achievements** : Nil

**15. Student Achievements - Academic** : Nil

#### 16. Students Activities/ Achievements –(Extra Curricular)

(a) National Cadet Crops

(b) National Service Scheme

(c) Arts Festivals

Conducted All Kerala Inter Collegiate Elocution, Quiz, Patriotic Dance and Best Magazine competitions.

(d) Sports

(e) Games

Conducted All Kerala Inter Collegiate Shuttle Badminton tournament.

17. Industry Varsity Linkage (If any) : Nil  
 18. Academic Tie-Ups ( if any ) : Nil  
 19. Student Progression ( Brief about the past students ) : Nil  
 20. Campus Recruitment ( is any ) : Nil  
 21. Number of PhD's Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College : Nil

## ST. MARY'S TRAINING COLLEGE, KARIKODE, PERUVA

1. Name of the College : St. Mary's Training College, Karikode, Peruva  
 (with e-mail and website) : stmarysbed2002@gmail .com  
 : [www.ceskarikode.org](http://www.ceskarikode.org)

2. Name of the Principal : Ms. GINISH GOPAL

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching 7	2 Nos	4 Nos	1	-----	7 Nos
Non-Teaching 7	4 Nos	3 Nos	-----	-----	7 Nos

### 4. Course Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of seats		M Phil	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
B.Ed											
120											

### 5. Student Intake

Intake, those Appeared in the Examination and passed M-Men, W-Women															
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		M. Phil	Appear ed		Ph. D	Appear ed		Passed	
	M	W	M	W		M	W		M	W		M	W	M	W
B.Ed															
120	4	32	4	32											

6. Details of Tests cleared by students (if any): Nil

### 7. Library

- a. Total Number of Books : 4792  
 b. Total Number of journals : 8  
 c. Total Number of Periodicals : 12  
 d. Additions during the period

### 8. Grants Received from

- a. State Government : Nil  
 b. Central Government : Nil  
 c. University Grant Commission : Nil  
 d. Other – specify

9. Projects Undertaken : Credit & Semester system workshop 2011

10. Seminars Conducted : Nil  
 11. Seminars conducted by Faculty : Nil  
 12. Publications by the Faculty with Impact factor of the Publications : Nil  
 13. Research Highlights of Faculty/Scholars : Nil  
 14. Academic Achievements  
 Teachers attended Seminars and workshops at the University and State level  
 15. Student Achievements – Academic : Nil  
 16. Students Activities/ Achievements- (Extra Curricular)  
 a. National Cadet Crops : Nil  
 b. National Service Scheme : Nil  
 c. Arts Festivals: Selected B.Ed Trainees participated in the intercollegiate Arts Festival  
 d. Sports : Students attend the annual sports meet  
 e. Games : Students participate the annual games meet  
 17. Industry Varsity Linkage (if any) : Nil  
 18. Academics Tie-Ups (if any) : Nil  
 19. Student Progression : Nearly 20% of the student of the last academic year 2010-2011 secured employment in private schools and other departments like K.S.R.T.C, Police, L.D. Clerk etc....

**20. Campus Recruitment (if any)**

Sl. No.	Name of the Firm	No. of students attended		No. of students selected	
		M	W	M	W
1.	Hindu High School, Andrapradesh	6	20	4	9

21. Number of Ph.D's Produced : Nil  
 22. Research Scholars Registered in the college : Nil  
 23. List of Research Guides in your College : Nil

**St. John the Baptists College of Special Education, Nedumkunnam, Kottayam**

1. Name of the College : St. John the Baptists College of Special Education, Nedumkunnam  
 (With e-mail and website) : [sjbcollge@gmail.com](mailto:sjbcollge@gmail.com)  
 : [www.sjbspecialeducation.org](http://www.sjbspecialeducation.org)

2. Name of the Principal : Fr. Johnson Mathew

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	3			6
Non Teaching	2	2			4

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M. Phil	Number of Seats		Ph. D	Number of Seats	
					M	W		M	W
B.Ed (MR)	20								

### 5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		P h. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed (MR)	1	10	1	10															

6.Details of Tests cleared by Students (if any) : Nil

### 7.Library

- (a) Total Number of Books : 8064  
 (b) Total Number of Journals : 48  
 (c) Total Number of Periodicals : 52  
 (d) Additions during the period : 38

### 8.Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

9.Projects Undertaken : Nil

10.Seminars Conducted : Nil

(a) State Level

Conducted a seminar on “Understanding the HIV/AIDS as an additional vulnerability with disability

(b) National Level

(c) International Level

11. Seminars Conducted by Faculty (Name wise –with details)

(a) State Level

**Fr. Johnson Mathew**

Conducted 5 days workshop on “Therapeutic intervention for Mentally challenged ones”.

(b) National Level

(c) International Level

12.Publications by the Faculty with Impact factor of the Publications : Nil

13.Research Highlights of Faculty/Scholars :

Scholar’s research work for the awareness and impact of special education in Public was surveyed and brought out the results for further research study.

14.Academic Achievements

100% Passed.

Staff teaching team could contribute to the upgradation of semester system in University.

15.Student Achievements – Academic

: Nil

16.Students Activities/ Achievements –(Extra Curricular)

- (a) National Cadet Corps  
 (b) National Service Scheme  
 (c) Arts Festivals – Arts Fest Competition  
 (d) Sports – Annual Sports and Games  
 (e) Games

17.Industry Varsity Linkage (If any)

: Nil

18.Academic Tie-Ups ( if any )

: Nil

19.Student Progression ( Brief about the past students )

: Nil

**20. Campus Recruitment ( is any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	IEDC Scheme	1	4	1	4
2	Special Schools	0	4	0	4

21. Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College : Nil

## ENGINEERING COLLEGES (AIDED)

### Amal Jyothi College of Engineering, Kanjirapally

1. Name of the College : Amal Jyothi College of Engineering, Kanjirapally  
 (With e-mail and website) : [info@amaljyothi.ac.in](mailto:info@amaljyothi.ac.in), [office@amaljyothi.ac.in](mailto:office@amaljyothi.ac.in)  
 : [www.amaljyothi.ac.in](http://www.amaljyothi.ac.in)

2. Name of the Principal : Rev. Dr. Jose Kannampuzha

**3. Staff Profile**

	Men	Women	Scheduled Caste		Scheduled Tribe		Total
			M	F	M	F	
Teaching	111	88	3	2	1	0	205
Non Teaching	74	24	-	-	-	-	98

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
AUE	60	-	-	-	-	-	-	-	-	-	-
CE	90	-	-	-	-	-	-	-	-	-	-
CSE	90	-	CSE	18	-	-	-	-	-	-	-
ECE	120	-	ECE	18	-	-	-	-	-	-	-
EEE	60	-	EEE	18	-	-	-	-	-	-	-
IT	60	-	-	-	-	-	-	-	-	-	-
ME	120	-	ME	18	-	-	-	-	-	-	-
			MCA	60	-	-	-	-	-	-	-
<b>Total</b>	<b>600</b>			<b>132</b>							



## 5. Student Intake

Name of the courses (subjects) offered by the College/ Department	Year wise details	Actual Intake	Total No. of Students		Out of Total Students						Out of Total Students							
					SC		ST		OBC		Muslim		Christian		Hindu		Others	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
B.Tech	I Year	591	335	256	1	1			37	33	9	9	278	205	47	43	0	0
	II Year	590	335	255					41	36	9	11	277	205	49	39	0	0
	III Year	504	260	244	1				40	37	14	8	209	192	37	44	0	0
	IV Year	431	212	219	4	2	1	1	23	25	2	9	171	168	39	42	0	0
MCA	I Year	59	19	40					5	10	0	3	14	24	5	13	0	0
	II Year	59	26	33	1				3	8	0	2	15	19	11	12	0	0
	III Year	11	6	5					2	1	2	0	3	3	1	2	0	0
M.Tech	I Sem	66	24	42					6	8	1	1	16	27	7	14	0	0
	III Sem	47	23	24					6	3	1	1	12	13	10	10	0	0

## 6.Details of Tests cleared by Students

Sl.No.	National Level	State Level	
1.	1		GATE
2.	4		MAT

## 7.Library

- (a) Total Number of Books : 30027  
 (b) Total Number of Journals : 816  
 (c) Total Number of Periodicals : 48  
 (d) Numer of titles added during the year : 2000

## 8.Grants Received From

- (a) State Government -  
 \* Rs.25000/- from KSCSTE for organizing Seminar on intellectual property right – ECE Dept.

- \* Rs.216000/- from KSCSTE for developing Intelligent light dimmer system – ECE Dept.
- \* Rs.15, 000/- from KSCSTE for organizing National Seminar Nanosat 2010 – DBS Dept.
- \* Rs. 8000/- from KSCSTE for organizing National Science day celebrations – DBS Dept.
- \* Rs 100000/- from IEDC for Pedal Powered Inverter (Product design) – EEE Dept.

(b) Central Government

- \* Rs.1250000/- – CSE Dept.

\* Rs.200000/- for developing Prpaid Energy meter and Drivers Assistant from IEDC from NSTEDB – ECE Dept.

\* Rs.560000/- for staff development program from DST – ECE Dept.

\* Rs.50, 000/- from DST for organizing National Seminar , Nanosat – DBS Dept.

(c) University Grant Commission - NIL

(d) Others - Specify - Rs.148963/- – IT Dept.

### **9.Projects Undertaken**

(a) r4radio

(b) Intelligent light dimmer system for vehicle

(c) Prepaid Energy meter

(d) Drivers Assistant

(e) Pedal Powered Inverter

### **10.Seminars Conducted**

(a) State Level

\* Engineers day celebration on 15th September 2012

(b) National Level

\* National Conference on Research in Engineering

\* ISTE workshop on basics electronics jointly with IIT Bombay Ekalavya project

(c) International Level - NII

### **11. Seminars Conducted by Faculty (Name wise –with details)**

(a) State Level –

National Science Day celebrations , 2010

World Maths day celebrations and Sir Isaac Newton lecture in Maths , 2010

(b) National Level

National Conference on Advances in Nanoscience and Technology

(c) International Level –

\* Annual International Conference on Emerging Research Areas

\* International Conference on Computing and Communication , May 3rd, 4th 2010

### **12.Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

\* Ullas Thomas, DBS - On Topological Set Indexers of Graphs

\* Syam Gopi, CSE - Wi-max stability using Vanet

\* Thomas Varghese & Midhuna Jyothi, IT - PAC-IP based Performance Enhancement

\* Sandhya Ramakrishnan, IT - Agent Based E-Commerce Using Java Agent Development Framework

\* Soney C George, DBS- Epoxy Resin / Liquid Natural Rubber System: Secondary phase separation and its impact on mechanical properties. J. Mater. Sci, 2010 DOI 10.1007/s10853-009-4154-8- Impact factor 1.4"

\* Geevarghese Titus & Anish Francis, ECE, 'Investigation of Channel Capacity of Railway Power Lines for Track and Level Cross Monitoring Application' Springer Link - Communications in Computer and Information Science Volume 142, Part 1 142-146, DOI: 10.1007/978-3-642-19542-6\_22

\* Geevarghese Titus & Anish Francis, 'Channel Capacity Analysis of Railway Power Lines' IEEEExplore 978-1-4244-7925-2/11/\$26.00 ©2011 IEEE 74-77"

### **13.Research Highlights of Faculty/Scholars (A Short Discription)**

\* Manuscript entitled “Elastomeric Nanocomposites” by Soney C George presented in the International Conference on Advances in Polymer Technology organised by Dept of Polymer Science

and Rubber Technology , CUSAT from Feb 26- 27, 2010. Guided M.Sc projects - Guiding Two Ph.D students.

- \* ECE- Conference On Computing Paradigms and Bio-informatics (CPBI 2012), MG University 1.Internet Voting using Cryptography P Darsana, Geevarghese Titus
- 2. Hybrid method for image compression for large scale images, Praseeda B Nair, Indu Reena Varughese
- 3. Copyright protection of digital text document using minimum key length, Anuroopa T S, Ranjitha Rajan
- 4. Artificial Intelligence based system for Reservoir water level forecasting, Anish Francis, Jahan Rosemary Joseph, GeeVarghese Titus
- 5. Resolution Enhancement for Satellite Images using DWT and SWT, Anu Abraham Mathew, Liju V Oommen
- 6. Satellite Image Compression based on IWT and SPIHT, Rosmy Mathew , Jose J Edathala
- 7. Content Based Image Retrieval: A Granulometric Approach for Color Images, Akas G Kamal, Geevarghese Titus
- \* EEE - 1. Daru Anna Thomas, AP/EEE - Performance comparison of direct torque controlled PMSM drive using Variable structure and hysteresis controllers, ICCC 2010 College of Engineering, Trivandrum Jan.2010; 2. Sarin Baby, AP/EEE -Advanced Control Schemes of TCSC for Power System Stability Enhancement, ICCC 2010 College of Engineering, Trivandrum Jan.2010

**14.Academic Achievements** (A Short Discription)

- \* IT - MG University 3rd rank in 2007
- \* ECE- MG University 3rd rank 2011, Was NBA accredited for three year.

**15.Student Achievements - Academic** (A Short Discription)

- \* ECE-MG University 3rd rank 2011

**16.Students Activities/ Achievements** –(Extra Curricular)

- (a) National Cadet Crops : NA
- (b)National Service Scheme

**REPORT OF THE ACHIEVEMENTS OF THE SPECIAL CAMP (NSS)**

Name of the college : Amal Jyothi College of Engineering, Kanjirappally  
 Name of the programme officer(s) : Mr.Nidheesh Kumar B, Ms Saumya Sadanandan  
 Number of Unit : Unit No215 & Unit No 218  
 Venue of the Camp : Kochuthovala, Idukki district  
 Dates of Camp : From 16-12-2010 to 22-12-2010

	Achievements of the camp	K.M/No/Area	Approaximate Value in Rs	Remarks
1	Construction of Road	2.5	30000	
2	Construction of Playground	NIL	NIL	NIL
3	Construction of Bund	NIL	NIL	NIL
4	Immunization	NIL	NIL	NIL
5	Educational session	Class On Good Personality		Fr. Jose Kannampuzha
6	Health	1. Yoga Class 2. Health Class on the topic HEALTH AND YOUTH. There was a another session on the topic First Aids		Conducted by Mr Tony Michel  Dr. Joe Thomas
7	Enviorment	NIL	NIL	NIL

8	Any other	<p>We conducted a study class on motor cars for school students. That was a great experience for the volunteers. They interacted with the school students and provide them the full fledge knowledge of traffic rules, Safety measures and First aid.</p> <p>Conducted a cultural program for the local people. All Programs emphasis the awareness for family welfare, AIDS, anti-drugs etc.</p>	
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(c) Arts Festivals

Student were encouraged to participate in the inter collegiate events and M G university Youth festival. All the invitations to participate in the various arts fest by various colleges under M G University and other universities were brought to the notice of the students on time. In the year 2010 - 2011, 410 students (B Tech and PG together) from Amal Jyothi College of Engineering have participated in various technical and Cultural fests. 68 students were able to secure first and second positions respectively. Few students secured first place in MG University Youth festival too. The college conducts “Arts fest” every year for 2 days from which the candidates to university Youth festival are selected. This will be followed by the prestigious techno-cultural program “AZURE” from the year 2004. The program was for 3 days (25, 26 and 27<sup>th</sup> January 2011). The techno park CEO was the chief guest for the same. More than 2000 participants for 60 events and 3000 visitors attended the same. In addition one day celebration is conducted for Onam and Christmas. Fresher’s day Celebration is conducted to welcome the fresh B Tech students.

(d) Sports & (e) Games

**M.G University Tournaments**

<u>Teams</u>	<u>Position</u>
Badminton	Second
Chess	Third
Basketball	Inter Zone Qualified
Football	Participation
Table Tennis	Participation
Volleyball	Participation
Cricket	Participation

Under the guidance of Department of Physical education the college provides exclusive training for football and basket ball with the help of outside trainers (University approved). The college participates in all the MG University Sports events. The college team for Cricket, Chess, Table Tennis and Badminton secured Second, First, Second and first in the M G University South Zone Competitions respectively. The college hosts the yearly All Engineering College Basket ball competitions “Arena” in which every year 18 teams all over the Kerala Participates. The college also host Volley ball tournament as a part of yearly techno-cultural show of the college “Azure”. The price money of Rs 50, 000 /- is being given for the same. The college conducts one day ‘sports meet’ yearly to select the candidates for the MG University sports.

**17.Industry Varsity Linkage** (If any, Short Discription) : Nil

**18.Academic Tie-Ups ( if any )** : Nil

**19.Student Progression** : Nil

(eg: Former student cleared civil service, joined MIT, Post docroal fellowships )

### 20. Campus Recruitment ( if any )

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	GULFAR	5	0	2	0
2	UST Global	10	13	5	15
3	Cybernet Slash Support	21	44	10	26
4	INDIAN NAVY	6	0	1	0
5	TCS	42	54	9	16
6	WIPRO	2	4	0	1
7				27	58

21. Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College (With e-mail and website)

Dr. Soney C George, Head, Dept. of Basic Sciences - soneycgeorge@amaljyothi.ac.in Centre-School of Chemical Sciences. M.G. University, Ph.Ds Awarded - one, Guiding - Four

## Gurudeva Institute of Science and Technology, (GISAT) Payyappady, Kottayam

1. Name of the college : Gurudeva Institute of Science and Technology, (GISAT),  
Payyappady (With e-mail and website) : gisatonline@gmail.com  
: [www.gisat.in](http://www.gisat.in)

2. Name of Principal : Dr. K P Mohandas

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	16	20	2		36
Non Teaching	22	8	1		30

### 4. Courses offered with Number of Seats

Under Graduate	Number of Seats		Post Graduate	Number of seats		M. p hil	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
Civil	28 + 2(LE)	25 + 1 (LE)									
Mechanical	60 + 4(LE)	Nil									
Electrical	13	9									
Electronics & Communication	21 + 3(LE)	33									
Computer Science	24+ 3 (LE)	33									

5. **Student Intake**

Intake, those appeared in the Examination and passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. phi	Appeared		Passed		Ph .D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
CE	15	13	0	1															
ME	47	--	0	-															
EEE	--	--	-	-															
ECE	2	4	0	3															
CSE	3	3	0	0															

6. **Details of Tests cleared by students (if any)** : Nil

7.

8. **Library**

- a) Total Number of Books : 5012
- b) Total Number of Journals : 45 (e-journals-4 Nos)
- c) Total number of Periodicals : 5
- d) No. of titles added during the period : 250

9. **Grants Received from**

- a) State Government : Nil
- b) Central Government : Nil
- c) University Grant Commission : Nil
- d) Others-Specify : Nil

10. **Project Undertaken** : Nil

11. **Seminars Conducted** : Nil

12. **Seminars Conducted by faculty (Name wise- with details)** : Nil

13. **Publications by the faculty with impact factor of the Publications** : Nil

14. **Research Highlights of Faculty/Scholars** : Nil

15. **Academic Achievements** : Nil

16.

17. **Student Achievements-Academic**

Our project ABC Energy meter (**Automatic Bill Calculator**) has been selected one among the 25 projects out of 800 Nos in yuva master mind. More over, the project ABC energy meter has also been awarded cash prize during the technical fest “**Cynosure**” technological expositions held at St.Joseph College of Engineering Pala.

	<u>Name of students</u>	<u>Branch &amp; Semester</u>
1	Shri.Nikhil S Muthukattil	ME, S4
2	Shri.Kumaresan C S	ME, S4

16. **Students Activities/Achievements-(Extra Curricular)**

- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Nil
- (c) Arts Festivals : Nil
- (d) Sports : Nil
- (e) Games : Nil

17. **Industry Varsity Linkage (if any)** : Nil

18. **Academic Tie-Ups (if any)** : Nil

19. **Student Progression (Brief about the past student):** Nil

**20. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. Students Attended		No. Students selected	
		M	W	M	W
	Institution started functioning only with effect from 03-11-2010 and I/II & III/IV Semester classes are going on				

21. No of Ph.D's Produced : Nil

22. Research Scholars registered in the college : Nil

23. List of Research Guides in your College : Nil

## Mangalam College of Engineering, Ettumanoor, Kottayam.

1. Name of the College : Mangalam College of Engineering, Ettumanoor

(With e-mail and website) : [mlmce@mangalam.com](mailto:mlmce@mangalam.com)

Website : [www.mangalam.net](http://www.mangalam.net)

2. Name of the Principal : Dr. N.K. Varghese

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	52	72	-	-	124
Non Teaching	27	17	-	-	44

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats	Post Graduate	Number of Seats
B.Tech –ECE	120	MBA	120 Men-42, Women-31 (2011-2013 batch)
B.Tech –EEE	60	M.Tech - IEM	18
B.Tech –CSE	60	M.Tech – VLSI & Embedded System	18
B.Tech –ME	60		
B.Tech –IT	60		
B.Tech – CIVIL	60		

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women									
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Tech – ECE	54	51	19	31	MBA	35	23	34	22
B.Tech -EEE	34	30	12	25	M.Tech (IEM) 1 <sup>st</sup> sem	10	8	10	8
B.Tech –CSE	32	36	16	27					
B.Tech –ME	66		48						
B.Tech –IT	18	19	01	07					
B.Tech –CIVIL	15	17	02	11					

### 6.Details of Tests cleared by Students

Sl.No.	National Level	State Level	
1. IT	GATE, CAT, BSRB	PSC	
2. MBA	MAT	ASMIC MAT	

### 7.Library

(a) Total Number of Books	: 16304
(b) Total Number of Journals	: 69
(c) Total Number of E-Journals	: 08 for Engineering & 02 for MBA
(d) Total Number of Periodicals	: 17
(e) Number of titles added during the year	: 4694

**8.Grants Received From** : State Government for SC, ST, OEC students

**9.Projects Undertaken** : NIL

### 10.Seminars Conducted

Sl.No. & Course	State Level	National Level
1. B.Tech - IT	01	01
5. B.Tech - ECE	NIL	Conducted a National Seminar on “Emerging trends in Nanotechnology” by the Dept. of Electronics & Communication Engineering on 28 <sup>th</sup> Feb 2011 at our College.
6. P.G. – MBA	NIL	Seminar on GREEN MANAGEMENT



**11. Seminars Conducted by Faculty (Name wise –with details)**

Sl.No. & Course	Name	State Level	National Level	International Level
1. B.Tech – ME	Vimal S.V.	NIL	Solar Heat Pipe Collector	NIL

**12. Publications by the Faculty with Impact factor of the Publications (A Short Description)**

Sl.No. & Course	A Short Description
1. B.Tech - ECE	<p><b>18.</b> Mr. Arun Scaria, Asst. Professor in ECE published a paper titled “Hardware Implementation of SVD based colour Image Watermarking in wavelet domain” in the IEEE international conference IEEE PACC 2011 and is included in IEEE Xplore Digital library.</p> <p>Ms. Simi P Thomas, Asst. Professor in ECE published a paper named “Self Organising approach to background subtraction for visual surveillance applications” in the proceedings of NCRTAC conducted at Christian college of Engineering, Ottamchathram</p> <p>Mrs. Sunu Ann Thomas, Asst. Professor in ECE published a paper named “CDMA Technology on NoC structure” in the proceedings of National Conference on OEAC conducted at Alagappa Chettiar College of Engineering in 2009.</p> <p>Mr. Ananthan P, Asst. Professor in ECE published a paper named “Implementation of an Embedded GPS receiver in SoC method” in the proceedings of NCRTAC conducted at Christian college of Engineering, Ottamchathram</p> <p>Ms.Lisha Thomas published a paper titled “A histogram adaptation for contrast enhancement” in Coimbatore Institute of Information Technology journals.</p>
2. P.G. – MBA	<p><b>19.</b> Mrs. Reena Alias and Dr. Siby. C. Chithran jointly published on “Managing Hearts Intelligently: The Ethical Implications of Emotional Labour” at the AIMS International Conference on Value based Management organised by DSVV, Haridwar.</p> <p><b>20.</b> Mrs. Reena Alias and Dr. Siby. C. Chithran published an article titled “Growing Ethical Pitfalls” in the Workplace and Changing Workforce in the edited book “International Business and Culture” published by Himalaya Publishing house, Mumbai for the United Business Institutes, Belgium, Europe of Jaw Education in the 2010.</p> <p><b>21.</b> Mr. Siby James published an article on “A Study on Organised Private Retailing in India” in the Albertian Institute of Management’s Journal Erudition.</p>

**13. Research Highlights of Faculty/Scholars (A Short Description)**

Sl.No. & Course	A Short Description
1. P.G. – MBA	<b>22.</b> Dr. Siby C. Chithran, Head of the department, is a PhD holder in Management. Mrs Reena Alias, Mrs. Anu Paul and Mr. Siby James are pursuing their research work.

**14. Academic Achievements (A Short Description)**

Sl.No. & Course	A Short Description
1. B.Tech - ECE	<b>23.</b> Rijo Sebastian, Asst. Professor in ECE got the first rank in M.E “Embedded Systems Technology” from Vinayaka Missions University, in July 2010. Also secured a GATE Percentile of 91. Mr. Nidhish Antony, Asst. Professor in ECE secured a GATE percentile of 94

**15. Student Achievements - Academic (A Short Description)**

Sl.No. & Course	A Short Description
1. B.Tech - ECE	<b>24.</b> Suraj Zachariah Manesh, Final year student of ECE was selected for attending a workshop conducted by Texas Instruments.
2. P.G. – MBA	<b>25.</b> Ms. Reshma Elizabeth George and Ms. Dhanya S. Nair secured 3 <sup>rd</sup> & 4 <sup>th</sup> university rank (2009-2011) Batch.

**16. Students Activities/ Achievements – (Extra Curricular)**

Sl.No. & Course	National Cadet Corps	National Service Scheme	Arts Festivals	Sports	Games
1. B.Tech - ECE	NIL	NIL	Deepthy R V, Final year student of ECE participated in a music reality show (Gandharva Sangeetham)	NIL	NIL

**17. Industry Varsity Linkage (If any, Short Description)**

Sl.No. & Course	If any, Short Description
1. P.G. – MBA	<b>26.</b> Conducted Industrial visits to Vismaya, KiteX, Technopark, Cholayil Chennai, PPK Kozhikode, Neyveli Lignite, IIM Kozhikode, Esatern Adimaly, HNL Velloore. <b>27.</b> Dr. J. Rajan, Professor, IMK, University of Kerala, Thiruvananthapuram addressed our students on “Performance Management.”

**18. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	Slash Support	64	46	6	4
2.	Speridian Tech	18	12	1	1
3.	IBS	12	8	3	2
4.	Accenture	24	21	8	7
5.	US Technologies	38	29	12	8
6.	OSMS	37	25	10	0
7.	APT SERVICES, Bangalore	8	7	5	0
8.	Convergys	15	11	2	6
9.	Sutherland	18	14	2	3
10.	HP	27	17	3	3
11.	Iridium Technologies	10	8	1	1
12.	Alsec	27	14	3	7
13.	Paladion	7	9	3	2
14.	HCL	8	13	3	5
15.	HDFC - MBA	12	8	4	3
16.	Metrolla Steels - MBA	8	0	4	0

# SAINTGITS COLLEGE OF ENGINEERING

1. Name of the Institution : SAINTGITS COLLEGE OF ENGINEERING

2. Name of the Principal : Dr. M.C PHILIPOSE

### 3. Staff Profile

Details	Men	Women	SC/ST	Total
Teaching	112	94	1	206
Non Teaching	46	11		57

### 4. Courses Offered

#### Degree Level :

SL.No	Course	No. of Seats
1	B. Tech Electronics & Communication Engg	60
2	B. Tech Electrical & Electronics Engg	60
3	B. Tech Mechanical Engineering	120
4	B. Tech Civil Engineering	60
5	B. Tech Computer Science & Engg	60
6	B. Tech Applied Electronics & Instrumentation	60

#### PG Level :

SL.No	Course	No. of Seats
1	M.C.A ( Master of Computer Applications)	60
2	M.B.A ( Master of Business Administration)	60
3	M. Tech – Power Systems	36
4	M. Tech - Machine Design	18
5	M. Tech – VLSI & Embedded Systems	18
6	M. Tech - Geo mechanics & Structures	18

### 5. Student Profile :

Year	Course	Intake		Final Exam Appeared(2011)		Final Exam Passed	
		Men	Women	Men	Women	Men	Women
2010 -11	B.Tech	252	146	262	155	122	116
	MCA	17	43	22	32	Result Awaited	Result Awaited
	MBA	27	30	30	28	20	16
	M.Tech	26	61	14	14	Result Awaited	Result Awaited

### 6. Details of Test Cleared by Students

Sl.No	Name of student	Dept	Level	TEST
1	Sanju Andrew Jacob	AEI	National	GATE 2011
2	Jeswin John	CE	International	GRE, TOEFL
3	Vishnu Lal	CE	National	GATE

4	Krishna B	CSE	National	GATE 2011
5	A Rohith Babu	CSE	National	CAT 2011
6	Irin Sajan	ECE	National	GATE
7	Libin Mathew Kunuvilla	ECE	National	GATE
8	Libin Mathew Kunuvilla	ECE	National	MAT
9	52 students	EEE	National	Auto CAD certification course
10	Manu Moses Jacob	ME	National	GATE exam
11	Sreejith S	ME	National	GATE exam

### 7. Library

:

Details	No of Books		Additions during current year	
	Volumes	Books	Volumes	Books
Books	10582	35343	1205	4024
Journals	220		8	
Periodicals	18		Nil	
<b>E Journals*</b> ASCE, ASME, ASTM-Digital library, CMIE, EBSCO, IEEE, IEEE (MCA), ELSEVIER(ENGG+CS+GEOTECH), Institute Membership- DELNET, JGATE(JET), JGATE(JSMS), MC GRAW HILL, NPTEL, SPRINGER (EC, EE & CS)				

### 8. Grants Received

- a. From State Govt : Nil  
b. From Central Govt : Nil  
c. From Others : Nil

### 9. Projects Undertaken

:

Name of project	Funding agency	Principal investigator	Other investigator	Dept
EDC	AICTE	Prof.Hari G.		CE
Soil testing – Strength and Property testing (Southern Railway)		Prof.Hari G.		CE
Test for rocks (Southern Railway, LSGD)		Prof.Hari G.		CE
Test for aggregates, concrete (Chandy Homes)		Prof.Hari G.		CE
Mix Design (Silver Builders, PWD, Govt of Kerala)		Prof.Hari G.		CE
Rain water for humanity in Kuttanad - A project by Environmental science department of MG University and Brown University, USA - Various soil laboratory tests, Engineering consultant for their water tank constructions, Technical evaluation of projects.		Prof.Hari G.		CE
School of Engineering and Computing Sciences, Durham University - Dr. Richard H. Scott presentation of Load Testing of a Railway Bridge in Mumbai		Prof.Hari G.		CE

School of Planning, Architecture and Civil Engineering, Queen's University, Belfast-Professor P.A.Muhammed Basheer - Novel non-destructive test methods and sensor techniques for assessing the durability and service life of structures		Prof.Hari G.		CE
A study on Reverse Share Split	ICSSR, New Delhi	Dr. Roji George		MBA

#### 10. National Level/State Level Seminars Conducted :

Month & Year	Name of the Event	Department	Level:
3rd Mar 2011	Nakshathra (Techno Cultural Fest)	All	National
23rd Aug 2011	SFERICS (Technical Fest of AEI Dept)	AEI	National
Sep-11	ETERNIA-2011, SAINTGITS College of Engineering	Civil	National
Jul-11	ASCEND 2011 (Technical Fest)	CSE	National
Apr-11	ICVCI	ECE & AEI	International
Sep-11	Horizon	ECE	National
May-11	National Conference on Power Electronics, Systems & Management	EEE	National
Aug-11	DYUTHI (Technical Fest)	EEE	National
Sep-11	Workshop on CYME	EEE	State
Nov-Dec 2011	STTP on Reliability concerns of Tomorrows Power Systems	EEE	National
Aug-11	Radieux 3.0	MCA	A national level technical fest
Nov-11	4 <sup>th</sup> National Conference on Finance & Banking (NCFB-2011)	MBA	National
Nov-11	Faculty Development Programme on ANSYS	Mechanical Engineering	State Level
Feb-11	Workshop on Automobile mechanics and IC engines	Mechanical Engineering	State Level
Oct-11	MECHNIUS (Technical Fest)	Mechanical Engineering	National

#### 11. National Level/State Level Seminars Conducted by Faculty :

Month & Year	Name of the conferences and venue	Names of the Faculty	Department	Level
7th - 9th April 2011	International Conference on VLSI, Communication and Instrumentation (ICVCI 2011)	Prof. Godwin Anand & Prof. Shajimon K John	AEI & ECE	International
3rd & 4th October 2011	ROBOTRYST 2012 IIT Kharagpur E-cell Certified Robotics workshop	Er. Chinn Mohanan, Er. Mithun C A, Er. Sita Radhakrishnan	All	State
8th - 9th December 2011	"Engineering applications using LabVIEW"	Dr. Godwin Anand	AEI	State
Jan - 11	QIP on Satellite Image Processing at IIT Bombay	Prof. Shajimon K John	ECE	National
Aug - 11	MatLab and Simulink for Engineering Education by Mathworks at Cochin	Prof. Shajimon K John	ECE	National
Oct - 11	IEEE Region 10, continuing education congress at ToCh, Ernakulam	Prof. Shajimon K John	ECE	National
Dec - 11	Sparse Image and Signal Processing at Amritha Viswa Vidhyapeedom, Coimbatore	Er. Manu John Panicker	ECE	National

Dec - 11	Solar system at Amal Jyothi College of Engg, Kanjirappally	Er. Sreekala K S	ECE	National
Jan-11	Paper titled "Unified Power Quality Conditioner A Novel Strategy" at St. Josephs College of Engg, Pala.	Fossy Mary Chacko	EEE	National
Feb-11	National conference on information, Communication and Intelligence System at KMEA College of Engineering	Reshma S	EEE	National
Mar-11	International Conference on Global Business Summit (GBSC 2011) at Chennai	Jaimol Thomas	EEE	International
May-11	National Conference ADITYA'11 at Viswa Jyothi College of Engineering, Vazhakulam	Sujo P George	EEE	National
Jun-11	Multimedia for Teaching by NITTTTR, Chennai	Ancy Sara Varghese, Christina Paulson, Reshma.S	All	State
Jul-11	FDP on How to Progress in work	All staff	MBA	College Level
Jul-11	International Conference on SEISCON, Dr. MGR University	Prof. Jaimol Thomas	EEE	International
Oct-11	STTP on Testing & Simulation of Power system components organised by TKM college of Engg, Kollam	Anju Mathew, Reshma.S	EEE	State
Nov-11	STTP on Application of Power Electronics in Power Systems organised by Govt.College of Engineering, Idukki	Filmy Francis	EEE	State
Dec-11	National conference on NCETE organised by St. Joseph college of Engg & technology, Palai	Sandhu Kurian	EEE	National
Dec-11	National conference, NCPSE 2011 organised by Amrita Viswa Vidyapeedom University	Tibin Joseph	EEE	National
Dec-11	ISTE workshop at Amal Jyothi College of Engg	Jaimol Thomas, Deepu Jose	EEE	National
April, 2011	National Seminar "Baking Sector-Issues and Opportunities", IMT-Thrissur	Assist.Prof. Subramoniam K	MBA	National
Aug-11	US Credit rating downgrading and European debt crisis: Impact on Indian Economy & Stock Market	Ass ist.Prof Krishnan	MBA	National
September, 2011	National Seminar on "Forex & Commodities Derivatives", Marthoma College of Management and Technology, Perumbavoor	Assist.Prof. Subramoniam K	MBA	National
November, 2011	National Conference on Indian Mutual Funds Industry: Opportunites and Challenges, Amrita School of Arts and Sciences, Kochi	Assist.Prof. Subramoniam K	MBA	National
December, 2011	Aavishkar-2011, National Conference on Envisioning the Future: Emerging Trends in Management and Information Technology	Assist.Prof. Subramoniam K	MBA	National

## 12. Publications by Faculty :

Year	Details	Name of the Faculty	Dept
Nov-11	Evolutionary Design of IFLC for a Three Tank System in International Journal of Computer Science Issues	Dr. P. S. Godwin Anand	AEI
Nov-11	Fuzzy C-Means method for Colour Image Segmentation with L*U*V* Colour transformation, International Journal of Computer Science Issues	Er. R. Krishna priya	AEI
Mar-12	FPGA and ASIC implementation of DWT based invisible image water marking algorithm, international conference held at Karunya University	Er. Anumol T.J	AEI

Aug-11	Segmentation using Fuzzy C means for Motion detection –NCTT held at CET, Trivandramon	Er. Agitha M.S	AEI
Mar-11	Optimal Design of a Fuzzy Logic Controller for Control of a Cement Mill Process by a Genetic Algorithm, in international journal of Instrumentation Science & Technology	Prof. P. S. Godwin Anand	AEI
Jan-11	A Novel Image retrieval system using an effective region based shape representation technique - International Journal of Image processing(IJIP) vol(4), Issue(5)	Prof. Santhosh P Mathew	CSE
Jan-11	"A numerical algorithm for best approximation to extract quadratics from III conditioned real polynomial equation" - European Journal of Scientific Research- ISSN 1450-216X Vol.58 No.3 (2011), pp.296-304	Ramani Bai V	CSE
Jan-11	"A computationally simplified numerical algorithm for evaluating a determinant"- Communications in computer and information science, vol 142, part 1, 88-95, Springer 2011	Ramani Bai V	CSE
Feb-11	"Comparing MLR and ANN models in web cache content classification" - ICMLC - 2011, Singapore	Dr. G P Sajeev	CSE
Jan-11	"A Novel Content classification scheme for web caches" - International Journal of evolving systems, 2(1), Jan -2011, Springer, PP101- 118	Dr. G P Sajeev	CSE
Dec-11	"Advanced encoder for scanned multifaceted manuscripts using clustering technoques" - ICCIC -2011, CAPE Institute of Technology, Tirunelveli	Nisha Joseph	CSE
Dec-11	"Image compression using clustering" - ICCIC -2011, CAPE Institute of Technology, Tirunelveli	Divya Mohan	CSE
May-11	"Agent based multi expert synthesis system for the diagnosis of communicative and cognitive neuro disorders in children" - NCCC 2011, MG University , Kottayam	Anju Pratap	CSE
Jan-11	"A comparative study of feedforward neural network and simplified Fuzzy ARTMAP in the context of face recognition"- NETCOM 2011, Bangalore	Antu Annam Thomas	CSE
Jan-11	An improved and adaptive face recognition method using simplified fuzzy ARTMAP" - COSIT 2011, Bangalore	Antu Annam Thomas	CSE

Sep-11	"A study on Block matching algorithm and gradient based method for motion estimation in video compression" DPPR - 2011, M S University, Tirunelveli.	Deepa Mary Thomas	CSE
May-11	"Change Detection – a systematic study" at Annual Research Congress, Karpagam University .	Prof Shajimon K John	ECE
July - 2011	"Comparative study of Ultra Wideband Antennas" in International Journal of Computer Applications(IJCA).	Er. Riboy Cheriyan	ECE
July - 2011	"Environment &Target Simulator for Air borne Radar" in International Journal of Computer Applications(IJCA).	Er. Sreekala K S	ECE
July - 2011	"High Speed Interconnects - 3GIO Topology" in International Journal of Computer Applications(IJCA).	Er. Rekha Subash	ECE
Aug - 2011	"Low Power Memory Efficient JPEG2000 Encoder with Condensed Huffman Table" in International Journal of Computer Applications(IJCA).	Er. Nimmi Maria Jose	ECE
Aug - 2011	"On Chip Communication Network Design for Digital Camera" in International Journal of Computer Applications(IJCA).	Er. Aravindhan A	ECE
Aug - 2011	"A Low Power Memory Design Using Clock Gating Technique" in International Journal of Computer Applications(IJCA).	Er. Hanna Mathew	ECE
July - 2011	"Image Processing Techniques for Vegetation Study - Retrospective" in International Journal of Computer Applications(IJCA).	prof Shajimon K John	ECE
Jan-11	Paper titled "Unified Power Quality Conditioner A Novel Strategy" at St. Josephs College of Engg, Pala.	Fossy Mary Chacko	EEE
11-Aug	Double data compression using Huffman with Sparse storage.	Ms. Biku Abraham	MCA
Dec-11	Automatic Ear Localization using Effective Skin Segmentation Algorithm and Template Matching	Ms.Lija Jacob	MCA
Jan-11	Privatization & Financial Performance: An Indian Experience, Publishing. Published by Lambert Academic, Germany. ISBN-978-3-8465-1772-7	Dr. Roji George	MBA
May-11	A Journal of Management Science- PRACHOTHAN, Volume 1, Issue 1SFM and SMEs,	Assist.Prof Krishnan	MBA
Jun-11	KPO-Prospects of India in the Globalized Economic Scenario - Indian Commerce Bulletin - Vol.XII No.1&2	Dr. Stephen Analil	MBA
Jun-11	Strategic Financial Management and Small and Medium Enterprises, International Journal of Business, Strategy and Management, Book of Souvenirs, ISBN-81-87912-08-01	Assist.Prof Krishnan	MBA



**13. Research activities of Scholars/Faculty :**

<b>Month &amp; Year</b>	<b>Research Activities</b>	<b>Project</b>	<b>Names of the Faculty</b>	<b>Department</b>
Jul-06	Ph.D (Doing)		Prof.Hari G.	Civil
Dec-11	Ph.D (Doing)		Er.Gisha Mary Mathew	Civil
Feb-11	Ph.D (Doing)		Er.Sreekumari T.K.	Civil
Oct-11	Ph. D in Web content distribution		Dr. Sajeew GP	CSE
Dec-11	Ph.D in Energy Pricing (Thesis submitted)	Energy Pricing	Jaimol Thomas	EEE
Jan-11	Conference Presentation at IIM,Ahmedabad. Conducted by AIMS International	Why Firms Reverse Split Their Shares? A Literature Review	Dr. Roji George	MBA
Feb-11	Attended FDP organised by ICAI at Chennai	Improvement of Quality and ensuring uniformity in evaluation for examiners	Dr. Roji George	MBA
Mar-11	Conference Paper presented at GSMI Conference on Economic Development at Chennai	International	Prof. Thomas Varghese	MBA
Mar-11	Conference Paper presented at INDIFED Conference organized by Annamalai University, at Chennai	National	Prof. Thomas Varghese	MBA
Apr-11	Attended FDP, conducted by ISB, Hyderabad	Innovation Educator's Conference	Dr. Roji George	MBA
11-Apr	Paper presentation at IMT- Thrissur	National Seminar on Banking	Mr. Subramoniam K	MBA
Jul-11	Attended FDP organised by IIM Ahmedabad	Management Education : The Road Ahead	Dr. Roji George	MBA
11-Jul	MDP for Bankers	MDP at SIM	Er. Subramoniam K	MBA
11-Aug	MDP for Bankers	MDP at Thalasserry	Mr.. Subramoniam K	MBA
Sep-11	Conference Paper presented at BITMED Conference Bangalore organized by GSMI Michigan and Bangalore University	International	Prof. Thomas Varghese	MBA
Oct-11	Article publication in Journal of Marketing Management, GSMI Michigan	International	Prof. Thomas Varghese	MBA
Nov-11	Published Edited Volume: Marketing in the Post Recession Era	Excel Books, with ISBN	Prof. Thomas Varghese	MBA
11-Nov	Paper presentation at Amrita school of Arts and science, Kochi	National Seminar on Mutual Funds	Mr. Subramoniam K	MBA

Dec-11	Conference Paper presented at National Conference, organized by SB College, Changanacherry	National	Prof. Thomas Varghese	MBA
11-Dec	Paper Presentation	AVISHKAR-11 National Conference on Management Next	Mr. . Subramoniam K	MBA
Dec-11	Paper Presentation at ICFIF-2011, IIT (Kharagpur)	Kottayam Port and Container Terminal- A Commercial Viability Study	Mr. Jacob George	MBA
Mar-11	Metal Matrix Composites	Wettability study of Al-SiC composite	Er. Cherian Paul	ME
Mar-11	Polymer Matrix Composites	Toughness test on bamboo fiber reinforced PMCs	Er.Shivasubramanian P	ME
Mar-11	Renewable Energy	Artificial Foot	Er. Muruganantham P	ME
Mar-11	Renewable Energy	Solar Refrigerator	Er. Muruganantham P	ME

#### 14. Academic Achievements (Faculty):

Year	Details	Name of the Faculty	Dept
Oct-11	Obtained Ph.D from, Anna University, for the topic "Optimal Design of Fuzzy Logic Controller for Industrial Process using Evolutionary Algorithm"	Prof. Godwin Anand	AEI
Nov-11	Chief Editor for the International Journal of Computer Science Issues, Special Issue, ICVCI-2011 Volume 1, Issue 1	Dr. P.S. Godwin Anand	AEI
Jul-10	First Rank in M.Tech-Kerala University	Er.Dipty Sarin Isaac	Civil
3rd Dec 2011	Participated in National Conference on Advances in Civil Engineering 2011 held at Department of Civil Engineering, Mar Baselious College of Engineering and Technology	Er.Afia S. Hameed	Civil
6th Dec to 10th Dec 2011	Participated in short term training programme on Recent Advances in Civil Engineering by ISTE Kerala section at Amal Jyothi College, Kanjirapally	Er.Afia S. Hameed	Civil
19th Dec to 23rd Dec 2011	Conducted a Survey camp for S7 students during the semester break. Total Station also included	Er.Milu Mary Jacob Er.Reshma Kassim, Mr.Kurian Varghese	Civil
19th Dec to 23rd Dec 2011 and 3rd Jan to 6th Jan 2012	Conducted add-on-course (Primavera Contractor) for S5 students during the semester break	Er.Afia S.Hameed, Er.ChithraS.Nair, Er.Sunitha A.Daniel	Civil
2nd Jan to 7th Jan 2012	Participated in Short Term Training Programme on Structural Restoration of Historical Monuments organised by IIT Madras	Er.Milu Mary Jacob	Civil

Oct-11	Guided two research scholars, Prof. Usha Thomas, Sri. Sunil Kumar, Dept. of Civil Engg., TKM College of Engg., Kollam and they were awarded ph.D by University of Kerala	Dr.M.C.Philipose	Civil
14th to 16th Nov 2011	Attended a 3 days Faculty Development Programme in ANSYS conducted by Mechanical Engineering Dept, Saintgits College of Engg	Er. Chithra S.Nair, Er. Milu Mary Jacob, Er. Jisha Balakrishnan, Er. Afa S.Hameed	Civil
24th to 25th Nov 2011	Attended Quality Improvement Programme on IS:800-2007(3 <sup>rd</sup> revision) at Toc H, Ernakulam	Er. Chithra S.Nair	Civil
1st Dec to 3rd Dec 2011	Attended an International Conference on Earthquake Analysis and Design of Structures at P.S.G. College of Technology, Coimbatore	Er. Chithra S.Nair	Civil
Jun-11	MBA in Finance from M G University	Vicky Nair	CSE
Jun-11	NET	Vicky Nair	CSE
Jun-11	M. Tech in Computer Science and IT from M S University, Tirunelveli	Nisha Joseph	CSE
Jun-11	M. Tech in Computer Science and IT from M S University, Tirunelveli	Divya Mohan	CSE
Jun-11	M. Tech in IT from Karunya Deemed University, Coimbatore	Tina Susan Thomas	CSE
2011	Got admission for Phd at IISc Bangalore	Jishnu S	ECE
Jul-11	Secured First Rank in M.Tech in Power Systems 2010 batch from MG University	Sujo P George	EEE
May-11	Secured First Rank in M.Tech in Power Systems 2010 batch from Kerala University	Reshma. S	EEE
Jul-11	Secured GATE score 91.3	Anish R. S	EEE
Dec-11	UGC-NET	Assist. Prof. Nisa James	MBA
2011 March	Best Paper Award in the International Conference organized by GSMI Michigan at Chennai in March 2011, for the paper 'Managing India's Energy Needs : Factors Influencing Economy of Wind Energy'	Prof. Thomas Varghese	MBA
2011 March	Best Paper Award in the National seminar, INDIFED organized by Annamalai University at Chennai in March 2011, for the paper 'Enablers of Customer Oriented Marketing'	Prof. Thomas Varghese	MBA
Jun-11	Mtech (Machine Design) 1 Rank	Amith Aravind	ME
Jun-11	GATE Score - 84	Nirmal Chandran	ME
2011 December	Selected as Selector cum Coach for M G University Hockey Team - Men.	Uttam Kumar	Physical Education

#### 15. Students Achievements (Academic) :

Year	Details	Name of the Students	Dept
Oct-10	Secured 1st rank in B.tech Examination May 2011 from MG University, Kottayam	Roshni Oommen	ECE
Oct-11	Project was selected as one among the top ten projects in "THE NATIONAL LEVEL PROJECT CONTEST – LABVIEW – VI MANTHRA ” held at Bangalore	BRIJESH VARGHESE EBIN ALIAS K VARGHESE JASMINE GEORGE TONY PHILIP	AEI

Jul-11	RHCE Certified	Amala K,Bincy Anna Jacob,Bobin Abraham,Chithra Sasikumar,Deepa S Nair,Deol Annie George,Devi Mahesh,Geethu M,Merin Marium Thomas,Reshma Rajan,Sareesh Krishnan P A,Shyma Shamsudeen,Sourabhya B Pai,Sreeji M,Syama P S	MCA
Jan-11	First Runner up of the Business Plan contest for all Kerala 'B' School students organised by Kerala Management Association.	Viswesh Viswanath Mridula R Panikar , Christy Abraham Rajesh Raj, Nishi Elizabeth	MBA
Jan-11	Second Runner up of the Business Plan contest for all Kerala 'B' School students organised by Kerala Management Association.	Vigil Vijayan, Sachin S Arackal David Joy Joseph ,Vaisakh M Chinnu Mary Mathew	MBA
Aug-11	Southern Regional Winners of the AIMA - 8th National Competition for Management Students	Shintu Jimmy, Merrin Mathew	MBA
Sep-11	First Runner up of the AIMA - 8th National Competition for Management Students held at New Delhi	Shintu Jimmy, Merrin Mathew	MBA
Oct-11	Special Jury Award winners of the V-Guard Big Idea Business Plan Contest	Juby George , Issac Koshy	MBA
Dec-11	District Level Disaster Management Camp held at Govt. Polytechnic college, Kaduthuruthy	Sandeep Raveendran Anjali Ann Abraham Arjun G	AEI
Aug-11	1st place in Graphical system design using NI LABVIEW software	1. Mathews Joseph 2. Roopesh Kaimal 3. Nevin Saju Varghese	ME
Mar-11	"The Mechanical Safety Elevator" bagged the Prof. Satish Memorial Special Prize for the Best project in Human Safety Category and the team was acknowledged with a cash prize of 60,000/- by the former president of India, Dr. A P J Abdul Kalam.	1. Ebin Kuruvilla 2. George Mathew 3. Jaison Dominic 4. Jijo Jose 5. Meghin Joseph	ME
May-11	JO-CHE-CVAR'S Rotary Engine, been judged as one of the top ten teams in "Design Contest for Engineers" [national level project competition for final year projects] initiated by QUEST GLOBAL to find the top ten teams from India.	1. Joju Zacharias 2. Johny Varghese 3. Cherin N Abraham 4. Gibu Tom Aby	ME

## 16. Students Achievements in Sports, Arts, and NSS (Extra Curricular) :

### a. Arts

Month & Year	Details	Names of the Students	Department
Dec-11	District Level Disaster Management Camp held at Govt. Polytechnic college, Kaduthuruthy	Sandeep Raveendran Anjali Ann Abraham Arjun G	AEI
Aug-11	BEST MANAGER - State level technical fest "HORIZON"	Anish H Nair	ME
Sep-11	1st prize in Dance Competition at Mangalam college of Engg and Sree budha College of Engg	Dinson David & Annu Treesa	ECE

Oct-11	Best Manager award in Mechnius 2011 at SaintGits College of Engg,Pathamuttom	Cijoe Samuel John	EEE
Feb-11	Second prize in Rockband in KURUKSHETRA-2011, Mangalam College of Engineering, Ettumanoor	Rohith Sarath Nair & Team	All
2011	1 <sup>st</sup> in Dance in the cultural fest. held at Sreebudha College of Engineering and at Mangalam College of Engineering	Anu Sneha John, Jithu John Abraham	Civil
Sep-11	First prize in Treasure hunt in Vastheya-2011, RIT Pampady	Priya Susan Paul & Team	All
Apr-11	Group Dance Aadikara '2011, Mountzion College of Engineering, Kadammanitta	Abhijith S & Team	All
Feb-11	Kuruksatra- 2011, Mangalam College of Engineering, Ettumanoor	Abhijith S & Team	All
Oct-11	Intemationally qualified for GRADE 6 PIANO from LONDON SCHOOL OF MUSIC	Anija Ann Roy	CSE
Oct-11	Intemationally qualified for GRADE 3 PIANO from LONDON SCHOOL OF MUSIC	Prince Mathew	CSE
Feb-11	Reached the final round of Ranaganam [Quiz Programme by Amrita TV]& has bagged a cash prize of 10000/ & Gifts worth 5000/-	Arjun Benoy	ME
Sep-11	Selected as a member of All Keral Teens Band as a base Guitarist.The band performed in the International Jubilee Conference of Jesus Youth at Rajagiri .The event had Intemational Recognition.	Vinvy Varghese	ME

**b. Students Achievements (Sports & Games) :**

Year	Details	Name of the Students	Dept
Oct-11	Cricket (Men) MGU Inter Collegiate Tournament Quarter Finalists	Sarath Sojan,Ebin Alias Arun Raj Nair	AEI
Oct-11	Football (Men) MGU Inter Collegiate Tournament SemiFinalist	Akhil Terens	AEI
October 26th,27th 2011	Represented M.G. University Table Tennis Team	Sneha Jacob	Civil
September 29th,30th 2011	Represented the college chess team which qualified the M.G.University Inter Zone Final	Gladis William	Civil
2011	1 <sup>st</sup> place for Treasure Hunt at Amal Jyothi	Achyuth Pradeep	Civil
2011	1 <sup>st</sup> place for Treasure Hunt at RIT Pampady	Akhil Suresh	Civil
2011	1 <sup>st</sup> place for Pencil Drawing for Arts Day 2011	Angitha Ann Kuriakose	Civil
2011	1 <sup>st</sup> place for Manual Drawing in Etemia 2011	Arathi Babu	Civil
2011	1 <sup>st</sup> place for Treasure Hunt at RIT Pampady	Gayathri Devi M.	Civil
2011	Winners of preliminary round and participated in regional round of STIMULUS 2011-2012 Quiz competition by UltraTech Cement	Gigy Aleyamma Thomas,Vimal Jacob	Civil
2011	Reached finals of chess competition of M.G. University held in Munnar	Samih Abbas	Civil

Oct-11	Won 2nd Prize for Table Tennis of MG University tournament at Amalagiri College, Athirampuzha, Kottayam	Chinnu Alice Wilson, Thara P Iyer	EE
Sep-11	Semi finalists - University level Intercollegiate Cricket Tournament	1. Simon Varghese 2. Nidheesh S 3. Aravind Vijay 4. Jithin Raju 5. Subin thomas 6. Atul T N	ME
Oct-11	Semi finalists - University level Intercollegiate Football Tournament	1. Jude Joe 2. Gokul G Nair 3. Jijo Joseph 4. Bipin Joy 5. Arjun P Nair 6. Sreejith S 7. Shijo Shaji 8. Jiju Jose 9. Alwin K S 10. George Mathew 11. Jibin Antony 12. Paul V Mathew	ME
Nov-11	Winners - All Kerala Intercollegiate Football Tournament	1. Jude Joe 2. Gokul G Nair 3. Jijo Joseph 4. Bipin Joy 5. Arjun P Nair 6. Sreejith S 7. Shijo Shaji 8. Jiju Jose 9. Alwin K S 10. George Mathew 11. Jibin Antony 12. Paul V Mathew	ME

**c. DEPARTMENT OF PHYSICAL EDUCATION**

- The following students represented the college Chess team that took part in the M G University Inter-Collegiate Chess Tournament at St. Stephens College Uzhavoor. Date of Match was **25-08-2011**.

Sl.No	Name	Batch / Class
1.	MAHESH N	ME B S7 2
2.	ANEESH T Y	ME A S7 14
3.	NIKHIL PHILIP	AE S7 35
4.	SAMIH ABBAS	CE S7 56
5.	EBIN ALIAS K VARGHESE	AE S7 16
6.	GLADIS WILLIAM	CE S5 19

- The following students represented the college Cricket (Men) team that took part in the MG University Inter-Collegiate Cricket (MEN) Tournament, at St. Aloysius College, Edathua. Date of tournament was 4<sup>th</sup> October 2011

Sl.No	Name	Batch / Class	R0ll.No.
1.	Simon Varghese	S7 ME	37
2.	Nidhish S	S7 ME	13
3.	Aravind Vijay	S7 ME	16
4.	Sarath Sojan	S7 AE	47
5.	Ebin Alias K V	S7 AE	16
6.	Aswin T S	S7 EC	13
7.	Rohit Sarath N	S7 CS	46
8.	Abhijith S	S5 CS	01

9.	Mathew Joseph	S5 CE	31
10.	Athish S Raj	S5 CE	11
11.	Joel George A	S5 EE	27
12.	Jidhin Raju	S5 ME	61
13.	Sibin Thomas V	S3 ME	47
14.	Athul T N	S3 ME	26
15.	Arun Raj Nair	S3 AE	15
16.	Rithin Rajan	S3 CE	51

3. The following students were the members of the college Football (Men) team that took part in the MG University Inter-Collegiate Football (MEN) Tournament, at Mar Thoma College, Tiruvalla. Date of tournament was 24<sup>th</sup> September 2011

Sl.No	Name	Batch / Class	R011.No.
1.	Akhil Terens	S7 AE	03
2.	Jijo joseph	S7 ME	48
3.	Jude Joe M	S7 ME	58
4.	Arjun P Nair	S7 ME	18
5.	Gokul G Nair	S7 ME	41
6.	George Mathew	S7 ME	35
7.	Alvin K S	S7 ME	12
8.	Ajai Sebastin	S7 CS	04
9.	Akhil Kumar M	S7 EE	03
10.	Bibin Joy	S5 ME	34
11.	Sreejith S	S5 ME	51
12.	Shijo K Shaji	S5 ME	45
13.	Jibin Antony	S5 ME	60
14.	Tony George S	S5 CS	62
15.	Jithin Xavier	S3 CE	30
16.	Jacob Thomas	S3 CE	26
17.	Jiju Jose	S3 ME	62

4. The following students represented the college Football (Men) team that took part in the the Ettumanoorappan College Football Tournament, Organized by Ettumanoorappan College, Ettumanoor, at Nehru Stadium, Kottayam. Date of tournament was 27<sup>th</sup> September 2011

Sl.No	Name	Batch / Class	R011.No.
1.	Akhil Terens	S7 AE	03
2.	Jijo joseph	S7 ME	48
3.	Jude Joe M	S7 ME	58
4.	Arjun P Nair	S7 ME	18
5.	Gokul G Nair	S7 ME	41
6.	George Mathew	S7 ME	35
7.	Alvin K S	S7 ME	12
8.	Jefin Abraham Jojy	S7 ME	67
9.	Akhil Kumar M	S7 EE	03
10.	Bobby Joseph	S7 CE	14
11.	Bibin Joy	S5 ME	34
12.	Sreejith S	S5 ME	51
13.	Shijo K Shaji	S5 ME	45
14.	Jibin Antony	S5 ME	60
15.	Tony George S	S5 CS	62
16.	Jithin Xavier	S3 CE	30
17.	Jacob Thomas	S3 CE	26
18.	Jiju Jose	S3 ME	62

#### d. NSS ACTIVITIES

<p><b>National youth day:</b> A poster design competition was conducted for the NSS Volunteers at the college campus on January 12th - National Youth Day. The topic for the poster design was “Youth for Nation”. Twenty students participated in the competition.</p>
<p><b>Blood Donation Camp:</b> NSS Tech CELL SAINTGITS College of Engineering conducted a Voluntary Blood Donation Camp on October 23rd 2011 as part of the “NATIONAL BLOOD DONATION Month Activities” in association with Hindustan Latex Family Planning Promotion Trust (HLFPPT). Blood Group Detection was also included as part of the camp. 45 students from SAINTGITS voluntarily donated blood in this venture.</p>
<p><b>World AIDS Day Observance 2011:</b> NSS Tech Cell of SAINTGITS College of Engineering in association with KSACS observed World AIDS day (December 1st, 2011) in the campus. NSS Volunteers displayed posters of AIDS awareness supplied from Kerala State AIDS Control Society (KSACS) in the notice board and distributed Red Ribbons to all faculty members and students of the college, as a symbol for the fight against AIDS. Asst. Prof. Vinayakumar B gave a talk on “How to deal with HIV infected person” at 1.00 pm in the Cultural Centre. He enlightened the gathering about the empathy that must be shown to these minorities.</p>
<p><b>MULLAPERIYAR POSTER CAMPAIGN:</b> An awareness programme about the Mullaperiyar Dam issue was felicitated by Er. Ashwin P V on 2nd December 2011. A poster campaign was organized to extend brotherhood to the protesters of Mullaperiyar Dam Samrakshana Samithi. NSS Volunteers through their posters tried to depict the plight of 35 lacs people if the Dam wreckage happens. It was an eye opener to many about the factual aspects of Mullaperiyar issue.</p>
<p><b>SOCIAL SECURITY MISSION FUND RAISING:</b> NSS Volunteers of SAINTGITS are involved in Social Security Mission of Govt. of Kerala. The volunteers sold Stamps specially issued by the mission for raising fund for the various schemes of mission.</p>
<p><b>Blood Donation Forum / Red Ribbon Club:</b> SAINTGITS Blood Donation forum initiated by NSS Tech Cell is a major blood donor forum in the district. We have around 500 members in the forum and atleast 15 members are donating blood each month.</p>
<p><b>District Level Disaster Management Camp:</b> District Level Disaster Management Camp was held at Govt. Polytechnic college, Kaduthuruthy. Four student volunteers and NSS Staff in Charge represented the college</p>

#### 17. Industry Varsity Linkage (if any)

Year	Activities	Dept
Nov-11	As part of the MoU signed with IBM, RAD Training and Examination was conducted	CSE
Jul-11	As part of the MoU signed with INFOSYS, Campus Connect Training given to S7 students	CSE
Apr-11	Signed an MOU with COREEL Technologies	ECE
Jul-07	<b>MoU Signed with Oracle Corporation</b>	Placement
Jan-08	<p><b>MoU Signed with Infosys Technologies</b></p> <ul style="list-style-type: none"> <li>* Conducted Mime Contest On 21st Sept 2011 For Students</li> <li>* Conducted Fdp During Nov-Dec 2011 Vide Campus Connect</li> <li>* 3 Foundation Program And Soft Skills Scheduled During Semester Break For Infosys Placed Students.</li> <li>* Conducts Campus Connect Webinar Sessions Regularly For The Faculty</li> <li>* ' Aspirations 2020 ' - A Programming Contest, 300 Students Registered And 50 Participated</li> </ul>	Placement
Apr-11	<p><b>MoU Signed with Wipro Ltd</b></p> <p><b>Activities :</b> Conducted Mission 10x FDP For 5 Days And Advanced Level FDP For 2 Days.</p>	Placement



<b>May-11</b>	<b>MoU Signed with NITTR</b> Activities : Conducted 5 Days Teachers Training Programme On May 13th To 17th 2011 And 43 Participated	Placement
<b>Dec-10</b>	<b>MoU Signed with HP</b> Activities : 50hrs Training Programme Conducted From 29th To 31st July 2011, Out Of Which 30 Hrs Is Over 20 Hrs Is Pending	Placement
<b>Jul-09</b>	<b>MoU Signed with British Council for BEC (Business English Certificate)Exam</b> Activities : Conducted Coordinator's Meet In Chennai On 29-09-2011, No Participation.	Placement
<b>Jan-12</b>	<b>MoU Signed with Intel Technologies</b>	Placement

#### 18. Academic Tie Ups (if any)

Year	Activities	Dept
May-11	Students Exchange Programme with Duquesne University ,Pitsburg, USA	MBA
May - Dec 2011	Saintgits-Caltech collaborative program for new product development with California Institute of Technology	BTech & MBA

#### 19. Students Progression (Brief about the past students)

Passed out students are working with Multinational software companies such as Infosys, Wipro, Syntel, Satyam TCS and other concerns like ONGC, Nail UAE, FACT, TIME, Reliance and Merchant Navy(Ari-Tanker Pacific). Some students are doing their post graduation and Doctoral programmes in abroad like Australia, US, UK, Japan etc. and also in other Indian universities.

#### 20. Campus Recruitments (if any)

Name of the Firm	No of Students attended		No of Students Selected		Department
	M	W	M	W	
M/s. INFOSYS Technologies Ltd. ( 2007-2011 Batch )	16	21	7	9	EC
M/s. INFOSYS Technologies Ltd. ( 2007-2011 Batch )	11	32	4	20	CS
M/s. INFOSYS Technologies Ltd. ( 2007-2011 Batch )	7	18	2	8	AE
M/s. INFOSYS Technologies Ltd. ( 2007-2011 Batch )	8	18	1	4	EE
M/s. INFOSYS Technologies Ltd. ( 2007-2011 Batch )	7	10	1	3	CE
M/s. INFOSYS Technologies Ltd. ( 2007-2011 Batch )	0	18	0	4	ME
M/s. i-Gate Patni Computers (P) Ltd.( 2007-2011 Batch )	7	11	2	6	EC
M/s. i-Gate Patni Computers (P) Ltd.( 2007-2011 Batch )	7	12	1	4	CS
M/s. i-Gate Patni Computers (P) Ltd.( 2007-2011 Batch )	6	12	0	1	AE
M/s. i-Gate Patni Computers (P) Ltd.( 2007-2011 Batch )	6	18	2	4	EE
M/s. i-Gate Patni Computers (P) Ltd.( 2008-2011 Batch )	8	14	1	0	MCA
M/s. Syntel Limited ( 2007-2011 Batch )	8	15	1	1	EC
M/s. Syntel Limited ( 2007-2011 Batch )	11	12	4	0	CS
M/s. ACCENTURE Private Limited ( 2007-2011 Batch )	8	8	2	0	EC
M/s. ACCENTURE Private Limited ( 2007-2011 Batch )	5	11	0	3	CS
M/s. ACCENTURE Private Limited ( 2007-2011 Batch )	7	10	0	1	EE
M/s. ACCENTURE Private Limited ( 2007-2011 Batch )	6	12	1	0	CE
M/s. ACCENTURE Private Limited ( 2007-2011 Batch )	9	0	1	0	ME
M/s. ERNST & YOUNG (P) Limited ( 2007-2011 Batch )	10	12	3	0	EC
M/s. ERNST & YOUNG (P) Limited ( 2007-2011 Batch )	7	12	0	2	AE
M/s. ERNST & YOUNG (P) Limited ( 2007-2011 Batch )	8	18	0	3	EE
M/s. ERNST & YOUNG (P) Limited ( 2007-2011 Batch )	3	9	0	1	CE
M/s. IBS Software Services (P) Ltd. ( 2007-2011 Batch )	3	9	0	1	EC
M/s. IBS Software Services (P) Ltd. ( 2007-2011 Batch )	1	2	0	1	CS
M/s. IBS Software Services (P) Ltd. ( 2007-2011 Batch )	3	7	0	1	AE
M/s. IBS Software Services (P) Ltd. ( 2007-2011 Batch )	1	6	0	1	EE
M/s. IBS Software Services (P) Ltd. ( 2007-2011 Batch )	13	0	4	0	ME

M/s. IBS Software Services (P) Ltd. ( 2008-2011 Batch )	6	12	0	1	MCA
M/s. NeST , Technopark, TVM ( 2007-2011 Batch )	6	8	2	0	EC
M/s. NeST , Technopark, TVM ( 2007-2011 Batch )	3	6	0	1	CS
M/s. NeST , Technopark, TVM ( 2007-2011 Batch )	3	6	0	1	AE
M/s. NeST , Technopark, TVM ( 2008-2011 Batch )	3	6	1	2	MCA
M/s. VERIZON Data Services Pvt.Ltd.( 2006-2010 Batch )	5	16	0	1	EC
M/s. VERIZON Data Services Pvt.Ltd.( 2006-2010 Batch )	2	9	2	0	CS
M/s. VERIZON Data Services Pvt.Ltd.( 2007-2011 Batch )	6	18	1	2	EC
M/s. VERIZON Data Services Pvt.Ltd.( 2007-2011 Batch )	1	7	0	1	EE
M/s. Honney Well Limited ( 2006-2010 Batch )	4	6	1	2	EC
M/s. IPA Private Limited ( 2007-2011 Batch )	2	2	1	1	EC
M/s. IPA Private Limited ( 2007-2011 Batch )	10	2	5	2	AE
M/s. IPA Private Limited ( 2007-2011 Batch )	7	1	4	0	EE
M/s. SunTec Business Services (P) Ltd. ( 2007-2011 Batch )	16	0	1	0	ME
M/s. SunTec Business Services (P) Ltd. ( 2007-2011 Batch )	9	10	0	1	MCA
M/s. mPHASIS Private Limited ( 2007-2011 Batch )	18	0	2	0	ME
M/s. SULZER Tower Services (P) Ltd. ( 2007-2011 Batch )	16	0	14	0	ME
M/s. Mahindra & Mahindra Limited ( 2007-2011 Batch )	2	0	1	0	ME
M/s. Popular Hyundai Motors (P) Ltd.( 2007-2011 Batch )	27	0	3	0	ME
M/s. ESSAR Energy Projects Limited ( 2007-2011 Batch )	7	0	3	0	ME
M/s. Vijay Tanks & Vessels (P) Ltd. ( 2007-2011 Batch )	7	0	2	0	ME
M/s. Geetha Machine Tools (I) Ltd. ( 2007-2011 Batch )	5	0	3	0	ME
M/s. India Tech Limited ( 2007-2011 Batch )	5	0	2	0	ME
Indian Oil Corporation Limited. ( 2007-2011 Batch )	0	1	0	1	CS
M/s. Global Talent Track ( GTT ) ( 2007-2011 Batch )	2	4	1	1	EC
M/s. Global Talent Track ( GTT ) ( 2007-2011 Batch )	4	9	1	2	CS
M/s. Global Talent Track ( GTT ) ( 2007-2011 Batch )	2	6	1	1	EE
M/s. Escube Technologies (P) Ltd. ( 2007-2011 Batch )	2	4	1	1	EC
M/s. Escube Technologies (P) Ltd. ( 2007-2011 Batch )	3	7	0	2	CS
M/s. Escube Technologies (P) Ltd. ( 2007-2011 Batch )	2	4	0	1	AE
M/s. Escube Technologies (P) Ltd. ( 2007-2011 Batch )	0	8	0	2	EE
M/s. ETNL Private Limited. ( 2007-2011 Batch )	1	4	0	1	CS
KELTRON REC ( 2007-2011 Batch )	0	2	0	1	EC
KELTRON REC ( 2007-2011 Batch )	1	7	0	1	AE
INDIAN ARMY ( 2007-2011 Batch )	28	14	0	1	EE
M/s. Affiliated Computer Services ( 2007-2011 Batch )	0	3	0	1	EE
M/s. MRF ( 2007-2011 Batch )	4	0	1	0	EE
M/s. MRF ( 2007-2011 Batch )	7	0	1	0	ME
M/s. Radel Electronics (P) Ltd. ( 2007-2011 Batch )	0	5	0	2	AE
M/s. FAITH Infotech (P) Ltd. ( 2007-2011 Batch )	0	3	0	2	AE
M/s. Konfident Group ( 2007-2011 Batch )	8	14	2	3	CE
M/s. SECON Private Limited. ( 2007-2011 Batch )	4	0	1	0	CE
M/s. IVRCL ( 2007-2011 Batch )	1	0	1	0	CE
M/s. Sobha Developers ( 2007-2011 Batch )	4	0	1	0	CE
M/s. Amerigo Structural Engineers (P) Ltd. ( 2007-2011 Batch )	5	12	3	6	CE
M/s. Heera Constructions (P) Ltd. ( 2007-2011 Batch )	6	4	2	1	CE
M/s. Silver Constructions ( P ) Ltd. ( 2007-2011 Batch )	5	2	1	1	CE
M/s. DLF ( 2007-2011 Batch )	3	0	1	0	CE
M/s. C.R. India Private Ltd. ( 2007-2011 Batch )	4	0	2	0	ME
M/s. MIDAS ( 2007-2011 Batch )	3	0	2	0	ME
M/s. ASSIST International (P) Ltd. ( 2008-2011 Batch )	5	6	2	3	MCA
M/s. GSG Technologies (P) Ltd. ( 2008-2011 Batch )	7	0	5	0	MCA
M/s. Xtend Technologies (P) Ltd. ( 2008-2011 Batch )	1	4	1	1	MCA
M/s. CCS Technologies (P) Ltd. ( 2008-2011 Batch )	2	4	1	1	MCA
M/s. Focuz Infotech (P) Ltd. ( 2008-2011 Batch )	2	0	1	0	MCA
M/s. Experion Technologies (P) Ltd.( 2008-2011 Batch )	4	0	1	0	MCA

M/s. Turboplus Technologies (P) Ltd. ( 2008-2011 Batch )	1	2	0	1	MCA
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	19	26	10	13	EC
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	14	19	5	11	CS
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	6	18	1	9	AE
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	4	18	0	4	EE
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	6	22	3	11	CE
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	28	0	0	9	ME
M/s. INFOSYS Technologies Ltd. ( 2008-2012 Batch )	6	12	0	4	MCA
M/s. UST Global ( 2008-2012 Batch )	8	6	2	1	EC
M/s. UST Global ( 2008-2012 Batch )	8	7	4	0	CS
M/s. UST Global ( 2008-2012 Batch )	4	7	1	1	AE
M/s. UST Global ( 2008-2012 Batch )	1	6	0	1	EE
M/s. UST Global ( 2008-2012 Batch )	4	6	1	2	CE
M/s. UST Global ( 2008-2012 Batch )	3	7	1	2	MCA
M/s. Robosoft Technologies (P) Ltd.( 2008-2012 Batch )	8	16	1	0	CS
M/s. Robosoft Technologies (P) Ltd.( 2008-2012 Batch )	4	6	0	1	MCA
M/s. NeST, Technopark, TVM. ( 2008-2012 Batch )	5	13	1	3	EC
M/s. NeST, Technopark, TVM. ( 2008-2012 Batch )	3	12	1	1	CS
M/s. NeST, Technopark, TVM. ( 2008-2012 Batch )	1	8	0	1	AE
M/s. NeST, Technopark, TVM. ( 2008-2012 Batch )	1	6	0	1	MCA
M/s. SYNTEL Limited. ( 2008-2012 Batch )	11	18	2	0	EC
M/s. SYNTEL Limited. ( 2008-2012 Batch )	12	19	1	0	CS
M/s. SYNTEL Limited. ( 2008-2012 Batch )	4	14	0	1	EE
M/s. Sassen Communications (P) Ltd.( 2008-2012 Batch )	4	8	1	0	EC
M/s. Sassen Communications (P) Ltd.( 2008-2012 Batch )	2	7	0	1	CS
M/s. Oracle Coporation (P) Ltd. ( 2008-2012 Batch )	4	9	1	1	CS
M/s. IBS Software Services (P) Ltd. ( 2008-2012 Batch )	5	10	0	1	EC
M/s. IBS Software Services (P) Ltd. ( 2008-2012 Batch )	3	9	0	2	CS
M/s. IBS Software Services (P) Ltd. ( 2008-2012 Batch )	2	8	0	1	AE
M/s. IBS Software Services (P) Ltd. ( 2008-2012 Batch )	2	10	0	1	EE
M/s. MRF ( 2008-2012 Batch )	46	0	2	0	ME
A-IT Software Services PTE Ltd	0	1	0	1	MBA
Bajaj Finanace Limited, Cochin	5	0	1	0	MBA
Camilin Limited, Cochin	4	1	1	0	MBA
Casino Group Of Hotels, Cochin	1	4	0	2	MBA
Damco(Mafoi Ranstand)	1	0	1	0	MBA
Dhanalakshmi Bank Ltd.	2	2	1	0	MBA
Eureka Forbes Limited, Cochin	5	0	1	0	MBA
Excolo Solutions Pvt Ltd, Kochi	3	0	1	0	MBA
FCI OEN Connectors Ltd, Kochi	3	0	2	0	MBA
HDFC- Bank (Merchant Acquiring)	4	10	2	8	MBA
HDFC Bank Ltd	6	7	1	3	MBA
HDFC Standard Life Insurance Company Limited, Kochi	7	5	3	1	MBA
IBM India Private Ltd, Bangalore	0	1	0	1	MBA
I-Mira Knowledge Solutions, Trivandrum	2	2	1	0	MBA
Mahindra Automobiles	1	0	1	0	MBA
MIR Projects And Consultants Pvt.Ltd., Cochin	3	2	2	1	MBA
MIR Realtors Pvt.Ltd, Cochin	3	1	1	0	MBA
Muthoot Securities Ltd, Cochin	2	0	1	0	MBA
PITTS Solution, Technopark, Trivandrm	2	1	1	0	MBA
SBI Life Insurance Company Limited	5	4	3	1	MBA
Scope Intemational Pvt.Ltd, Chennai	1	0	1	0	MBA
South Indian Bank Ltd, Thrissure	6	6	2	1	MBA
Trinethra Super Retail Private Limited(More- Aditya Birla Retail )	7	0	4	0	MBA

21. No of Ph.Ds produced : Nil

22. Research Scholars Registered in your College : Nil

23. List of Research Guides in your College. (With E Mail & Website)

Name	E Mail ID	Website	Dept
Dr. K P Zacharia	<a href="mailto:zacharia.kp@saintgits.org">zacharia.kp@saintgits.org</a>		AEI
Dr. P. S. Godwin Anand	<a href="mailto:godwin.anand@saintgits.org">godwin.anand@saintgits.org</a>		AEI
Dr. Jason Cherian Issac	<a href="mailto:jason.cherian@saintgits.org">jason.cherian@saintgits.org</a>	<a href="http://newtest.saintgits.org/main/sie/MechanicalEngineering/FacultyMembers.asp">http://newtest.saintgits.org/main/sie/MechanicalEngineering/FacultyMembers.asp</a>	Mechanical Engg
Dr. P. G. Bhaskaran Nair	<a href="mailto:bhaskarannair@saintgits.org">bhaskarannair@saintgits.org</a>	<a href="http://www.saintgits.org">www.saintgits.org</a>	Civil
Dr. M. C. Philipose	<a href="mailto:mcphilipose@hotmail.com">mcphilipose@hotmail.com</a>	<a href="http://www.saintgits.org">www.saintgits.org</a>	Civil
Dr. Narayana Iyer	<a href="mailto:narayana.iyer@saintgits.org">narayana.iyer@saintgits.org</a>		ECE
Dr. Roji George	<a href="mailto:roji.george@saintgits.org">roji.george@saintgits.org</a>	<a href="http://www.saintgits.org">www.saintgits.org</a>	MBA
Dr. Stephen Analil	<a href="mailto:stephen.analil@saintgits.org">stephen.analil@saintgits.org</a>	<a href="http://www.saintgits.org">www.saintgits.org</a>	MBA (Commerce)

## St. Joseph's College of Engineering & Technology, Palai

1. Name of the College : St. Joseph's College of Engineering & Technology, Palai (With e-mail and website) : [Principal@sjcetpalai.ac.in](mailto:Principal@sjcetpalai.ac.in), [www.sjcetpalai.ac.in](http://www.sjcetpalai.ac.in)

2. Name of the Principal : Dr. C.J. Joseph

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	88	75	-	-	163
Non- Teaching	56	6	-	-	62

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats	Ph. D	Number of Seats	
	M	W		M	W				M	W
B.Tech	60		M.Tech in 3 branches	18 seats per branch		NIL		NIL		
AEI	60		MBA	60						
CE	60		MCA	60						
CSE	120									
ECE	120									
EEE	60									
ME	120									

## 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed								M-Men, W-Women										
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B. Tech (2010-11)	180 182 (362)		153 155 (308)		MBA	32 22 (54)		14 9 (23)		NIL					Nil				

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 26, 205  
 (b) Total Number of Journals : 144  
 (c) Total Number of Periodicals : 71  
 (d) Numer of titles added during the year : 2,528

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

### 9. Projects Undertaken

#### 10. Seminars Conducted

##### (a) State Level

- a) The ECE department organized “**Advaya 2011**” a two day technical fest which hosted various technical and non-technical events on 31<sup>st</sup> September and 1<sup>st</sup> October 2011. The program focused on testing not only on the technical and creative skills of the participants but also creating awareness on various technology and career possibilities.  
 b) Seminar on Lab View Training was conducted by Mr. Tony Aby Varkey, Asst. Professor, AEI Seminar/Workshop on Mat lab was conducted by Mr. Mohit John, Asst. Professor, Dept. of AEI.  
 c) Computer Science & Engineering Dept. had conducted a ISTE workshop on **Software Development Techniques for Teachers of Engineering and Science Institution** from 5<sup>th</sup> November to 4<sup>th</sup> December, 2011.

##### (b) National Level

- 1) The ECE and AEI departments jointly organized a two day National Conference on Emerging Trends in Electronics “**NCETE 2011**” on 16<sup>th</sup> and 17<sup>th</sup> December 2011. Dr. A. Unnikrishnan, Associate director, NPOL, Kochi inaugurated the conference, which was then followed by technical sessions handled by Dr. K.P.Soman, Professor and Head of CEN, Amrita University, Coimbatore and Prof. V. Sureh Babu, Associate Professor, College of Engineering, Trivandrum. On the second day technical session handled by Dr. Y.SrinivasRao, Associate Professor, College of Engineering, Andhra University and Dr.Supriya M.H, Associate Professor, Department of Electronics, CUSAT, Kochi which was then followed by paper presentations by research scholars and students from various institutes presented papers on different technologies in field of electronics.
1. 2. The Department of Electrical and Electronics Engineering organized its Second National Conference on January 15<sup>th</sup> 2011. The Theme selected was 'Emerging trends in Power system and Energy Management'. Dr. Pailo Paul, Dean FISAT, Angamaly inaugurated the National Conference and delivered a keynote address on **High Voltage Testing Practices**. In the morning session theme related papers were presented by the faculty members from other colleges and post graduate students  
 The proceeding of the National Conference was released by Dr. K.S.M. Panicker, Dean, FISAT, Angamaly. During the afternoon session he delivered the key note address on **Smart Power Grid**, which was very fruitful for those who gathered in the function. The National Conference was enriched by the paper presentations in two Technical Sessions. The Conference opened a new window to the latest trends in Power systems and also provided a new avenue for discussing the innovations in the areas of Energy management.

The papers presented in the conference are:

1. “*Unified Power Quality Conditioner: A Novel Strategy*”, Fossy Mary Chacko, St. Gits College of Engg., Pathamuttom.
2. “*Voltage Dip Mitigation At Distribution Systems And Wind Farms With DVR*”, Shereena Gaffoor, GEC Thrissur.
3. “*Steady State Stability Analysis of a Back to Back VSC based HVDC Transmission System*”, Subhash Abraham Punnoose, St. Gits College of Engineering, Pathamuttom.  
“*Microgrid*”, Sini Xavier, Amal Jyothi College Of Engineering, Kanjirapally.
4. “*Short Term Load Forecasting Using ANN Considering The Effect of Temperature and Humidity*”, Needhu Varghese, GEC Thrissur.
5. “*Improvement of Transient Stability using UPFC with Fuzzy logic controller*”, A. Govardhan, S.V.University, Tirupati.
6. “*Variable Frequency Transformers*”, Sredevi S Kumar, Amal Jyothi College Of Engineering, Kanjirapally.
7. “*Power Quality Studies in Railway Traction System*”, Fini Fathima, Amal Jyothi College Of Engineering, Kanjirapally.
8. “*UPQC a Novel Method to Efficiently Utilize Sustainable / Alternate Energy Sources*”, Ajal. A. J, Aji A.J., METS School of Engineering, Mala.  
“*Design And Simulation For Fused CUK-SEPIC Converter In Hybrid Wind 'Solar Energy System*”, Jubin Eldho Paul, Karunya University, Coimbatore.

**(c) International Level**

**11. Seminars Conducted by Faculty (Name wise –with details)**

**(a) State Level**

Dr. B. Priestly Shan, Professor of P.G. Studies of Dept. of ECE delivered a talk on “**Research Issues in Digital Image Processing**” on 16<sup>th</sup> January 2012 at ARS College of Engineering, Salem.

A special invited talk was delivered by Prof. P. V. Varkey, HoD, Dept. of EEE, SJCT, at Amal Jyothi College of Engineering, Kanjirapally on “**Electrical System Design**” in the month of April - 2011.

A special invited talk was delivered by **Prof. P. V. Varkey**, HoD, Dept. of EEE, SJCT, at College of Engineering, Munnar on “**Selection of UPSs with limited THD**” on 13<sup>th</sup> December 2011.

- **Dr. Sivaraman**, CMD, Dean, University of Kerala, gave a seminar on **Human Resource Perspective and the challenges in the present day context** on 12-1-11.
- **Ms. P.K Shiby**, Chief Consultant, Spinach, Cochin gave a seminar on **Brand You** on 12-1-2011.
- **Mr. K. Prakash**, Assistant Professor, Department of Management Studies, SRM University, Chennai delivered a seminar on **Rural Marketing - An Untapped Potential** on 21-2-2011.

**(b) National Level**

**(c) International Level**

Mr. Rinju Rajan Mathew, Asst. Professor, Dept. of CE, has presented a paper on **Strength & Durability Studies of Self Compacting Concrete with Fibrillated Polypropylene Fibre** in the International Conference on Modelling & Simulation in Civil Engineering, at TKM College of Engg. Kollam, from 8<sup>th</sup> to 10<sup>th</sup> December 2011.

Ms. Sneha M. Varghese, Asst. Professor, Dept. of CE, has presented a paper on **High Performance Fibre Added Concrete** in the International Conference on Modelling & Simulation in Civil Engineering, at TKM College of Engg. Kollam, from 8<sup>th</sup> to 10<sup>th</sup> December 2011.

SJCT School of Management organized an **International Conference on Environmental Management** with the theme 'Green managers for the future' on 6-1-2011 & 7-1-2011. **Dr. J.S. Pandey**, Deputy Director, National Environmental Engineering Research Institute (NEERI), Nagpur, inaugurated the conference and spoke on 'Environmental and climate changes, ecological footprints and sustainable development'. Technical sessions were handled by R. Kannan, founder, Energi Services, Chennai; Prof. V S. Vijayan, Kerala Biodiversity Board and

Prof. M. K. Prasad, Pro-Vice Chancellor, University of Calicut. On the second day of the conference, papers were presented on various topics highlighting the importance of 'Green managers.' Research scholars from various institutes presented their papers. It was followed by technical sessions by Dr. Jose J. Naduthotty, Associate Professor, PG Dept. of Economics, SD College Kanjirapally; Dr. Kochu Baby Manjooran, Dy. Manager (Energy & Environment), BPCL Kochi Refinery; Mr. Shankar, Founder and Chief Architect of Habitat Technology Group, Thiruvananthapuram; Dr. Pauly Mathew Muricken, Advocate, Kerala High Court and Sirajuddeen M. Hovaginamani, Research Scholar, Dept. of Environmental Management, Bharatidasan University.

## **12. Publications by the Faculty with Impact factor of the Publications (A Short Description)**

Dr. B. Priestly Shan, Professor of P.G. Studies of Dept. of ECE contributed a research article entitled “**Special Issue on Novel Aspects of Digital Imaging**” in the International Journal of Computer Application (IJCA), Dec 2011.

Mr. Vipin .V, Asst. Professor , Dept. of ECE contributed a research article entitled “**Image Processing Based Forest Fire Detection**” in the International Journal of Emerging Technology and Advanced Engineering (IJETA).

Ms. Rincy Merrin Varkey, Asst. Professor, Dept. Of ECE contributed a research article entitled “**Security Monitoring Approach in Embedded Systems**” in the International Journal of Computer Application (IJCA), Vol. 1 issue 1, April 2011.

Ms. Aann Smitha published her paper on Viral Interventions in the Demyelination of Neuron on International Conference

Mr. Justin Joseph published a paper on International Conference on An Adaptive Evidence Based and Risk Oriented Prioritisation of Medical Equipment Safety Audit

**Mr. Tiju Baby**, Asst. Professor, Dept. of EEE, participated and published a paper in the proceedings of International Conference “**ISGT-2011 India**” on December 2011.

**Ms. Alphonsa Roslin Paul**, Asst. Professor, Dept. of EEE, participated and published a paper in the proceedings of International Conference “**ICSCCN-2011**” on July 2011.

**Ms. Divya James**, Asst. Professor, Dept. of EEE, published a paper in the International Journal of Micro & Nano Electronics, Circuits & Systems (page 39-42) on January 2011

**Ms. Lea J. Puthumana**, Asst. Professor, Dept. of EEE, participated and published a paper in the proceedings of International Conference in instrumentation & Control “**ICIC-2011**” on September 2011. Also published paper in International Conference on Power and Energy Systems, “**ICPS 2011**”, on December 2011, conducted by IIT Madras.

**Mr. Liju Mathew R**, Asst. Professor, Dept. of EEE, participated and published a paper in the proceedings of IET 2<sup>nd</sup> International Conference on Sustainable Energy & Intelligent System Conference “**SEISCON**”, on July 2011

## **13. Research Highlights of Faculty/Scholars (A Short Description)**

### **14. Academic Achievements (A Short Description)**

ENCON Green Club of SJ CET, Pala secured runner up in “BEST ENCON CLUB AWARD - 2011”, awarded by BPCL, Kochi on July 2011.

Electrical Dept. secured 91.3% pass in the 8<sup>th</sup> semester university examination during 2011. 2007-2011 batch of Electrical Dept. secured 82.3% over all pass.

Aswin R. of 2007 – 2011 batch qualified GATE-2011 conducted by IIT-Madras. Fourth Semester MBA Results (2009-2011 Admission)

MBA Percentage Pass : 96.29%

### **15. Student Achievements - Academic (A Short Description)**

CSE Dept. secured 100% pass in the 8th semester university examination during 2011. 2007-2011 batch of CSE Dept. secured 85% over all pass.

Betsy David of 2007 – 2011 batch qualified GATE-2011 conducted by IIT-Madras.

Joyce Annie George of 2008 – 2012 batch qualified GATE-2011 conducted by IIT-Madras.

Jeffin Joseph and Jose Kurian students of Dept. of ECE won the 3<sup>rd</sup> prize for inter-collegiate Quiz Competition in “**AZURE 2011**” held in Amal Jyothi College of Engineering on 27<sup>th</sup> January 2011.

Visak .V.S, Rubo Varghese, Vinitha Susan Alexander and Soumya Mathew students of Dept. of ECE won the 1<sup>st</sup> prize for their project presentation in All Kerala Humanitarian Project Competition by IEEE, VAST, Thrissur held on 27<sup>th</sup> August 2011. Their project was also selected for top 25 at Manorama Yuva Mastermind 2012.

Fredy James of s7 ME won the best student award of ISTE

#### **16. Students Activities/ Achievements –(Extra Curricular)**

(a) National Cadet Crops

(b) National Service Scheme

The National Service Scheme of the college organized a computer training program for the housewives of bharananganam and kadanad panchayaths on 19<sup>th</sup> June 2011. The housewives were divided into around 20 groups of 6 members each. NSS volunteers were assigned to each group and the usage of computer was demonstrated by the volunteers to the group. The event was coordinated by NSS volunteers.

Language training was also provided to them as a part of women empowerment. It was informative as well as an entertaining program. Everyone thoroughly enjoyed the program. The people gathered there praised our management and the Pala Diocese for organizing such a beautiful program.

SJCET NSS wing had organized an Anti-ragging campaign and counselling for first year and second year students on 19<sup>th</sup> Aug, 2011. The program started at 2:00 pm with a prayer song “NEETHI VANDHANAM”. The session was inaugurated by the principal Mr. C. J. Joseph. The presidential address was given by the project director Mr. P. J. George.

Agenda of the day was to clean up the premises of the small trees that we had planted as part of the Entae Maram project. We replanted some trees which get destroyed. The programme was a grant success. This was a new experience to many of the new volunteers.

(c) Arts Festivals

Ms. Cliya Jose student of Dept. of ECE secured the 1<sup>st</sup> place in the inter-collegiate event “Magazinalia” and in “Best Artist Group” in “AZURE 2011” held in AmalJyothi College of Engineering on 28<sup>th</sup> August 2011.

Mr. Jackson Jose student of Dept. of ECE secured the 2<sup>nd</sup> place in the inter-collegiate event “Magazinalia” in “AZURE 2011” held in AmalJyothi College of Engineering on 28<sup>th</sup> August 2011.

Ms. Tesmine Jose student of Dept. of ECE secured the 2<sup>nd</sup> place in the inter-collegiate event “Choreography” in “AZURE 2011” held in AmalJyothi College of Engineering on 28<sup>th</sup> August 2011.

ENCON Green Club of SJCET conducted painting, Essay Writing, Quiz competition on January 2011. Tessa Theresa of 2007 – 2011 batch was the winner for Malayalam Essay writing.

Mr. Eabi Shaji won second prize for Paper presentation held in connection with AZIONARE’11 held at Mangalam College of Engg., Ettumanoor on 7<sup>th</sup> & 8<sup>th</sup> March 2011.

Mr. Eabi Shaji has presented the paper titled ‘ Fuzzy Logic Control of DC Shunt Machine’ in ADITYA 2011’ , a National Level Technical Conference on RECENT TRENDS IN ENERGY MANAGEMENT AND CONTROL organized by Viswa Jyothi College of Engg. And Technology, Vazhakulam on 18<sup>th</sup> & 19<sup>th</sup> March 2011.

Ms. Tessa Theressa Jose has presented the paper titled ‘ Smart Meter: Automated Meter Reading using GSM & PLC’ in ADITYA 2011’ , a National Level Technical Conference on RECENT TRENDS IN ENERGY MANAGEMENT AND CONTROL organized by Viswa Jyothi College of Engg. And Technology, Vazhakulam on 18<sup>th</sup> & 19<sup>th</sup> March 2011. Electrical Engineering Association Dept. of EEE along with BPCL, Cochin had conducted an intercollegiate project exhibition “Emineo – 2011” on 29<sup>th</sup> march 2011. Exhibition was inaugurated by Dr. C. J. Joseph, Principal, SJCET. Prizes were awarded by Prof. P. V. Varkey, HoD, EEE Dept., SJCET.

Mr. Ajith Ravi and Ms. Maria Mathew, S3, EEE participated in a debate competition organized by BPCL, Kochi on the topic “Mobile phone radiation is hazardous or not?” on 16<sup>th</sup> December 2011.



Ms. Riya Raju S<sub>5</sub>, EEE was choosen as a play back singer in the film Dr. Love. She sung the very popular song “Ninnodenikkulla Pranayam .....” in that film.

(d) Sports

**ORGANISED M. G. UNIVERSITY CHAMPIONSHIPS**

1. **WEIGHT LIFTING CHAMPIONSHIP 2011-12 ON 7<sup>TH</sup> DECEMBER**
2. **BODY BUILDING CHAMPIONSHIP 2011-12 ON 7<sup>TH</sup> DECEMBER 3.**
3. **KABBADDI CHAMPIONSHIP 2011-12 ON 10<sup>TH</sup> JANUARY**

**II. INTERCOLLEGIATE GAMES ‘PACE – 12’ 24<sup>TH</sup> TO 29<sup>TH</sup> JANUARY III. ACHIEVEMENTS:**

1. **M. G. UNIVERSITY WOMEN SHUTTLE BADMINTON – THIRD POSITION**
2. **ALL KERALA STAFF TOURNAMENT: FIRST RUNNER-UP**

(e) Games

**17. Industry Varsity Linkage (If any, Short Discription)**

ENCON Green club of SJ CET together with BPCL Kochi Refinery promotes Energy and Environment conservation programs and projects of students. The Dept is involved in industrial consultancy of various industries in and around the locality.

IPP programme at Faith Infotech, Technopark,TVM

**18. Academic Tie-Ups (if any)**

The EEE Dept. is involved in coaching of students for UGC Certificate course for degree holders (Certificate course, Diploma Course, Post graduate Diploma Course) at Devamatha College Kuravillangad.

PDP Programme conducted by Turning Point at Lead Colelge of management, Palakkad

English 4 life, Soft Skill Development Training Programme, conducted by M/S Cornestone, INFOSYS

**19. Student Progression eg: Former student cleared civil service, joined MIT, Post docroal fellowships )**

**20. Campus Recruitment (if any)**

**A) ECE**

Sl. No	Name of the Firm	No. of Students Attended		No. of Students attended	
		M	F	M	F
1.	UST	30	65	3	9
2.	Infosys	20	39	3	15
3.	NeST	15	40	2	2
4.	IBS	6	8	0	1

**B) CSE**

Sl.NO	Name of the Firm	No. of students attended		No of Students Selected	
		M	W	M	W
1	Infosys	5	27	2	10
2	USTechnologies	9	21	1	2
3	Nest	2	10	1	2
4	Oracle	1	0	1	0

**C)EEE**

Batch	Sl. No.	Name of the Firm	No. of Students Attended		No. of Students Selected	
			M	W	M	W
2008-2012	1.	INFOSYS	6	21	2	5
	2.	UST	8	27	3	0
2007-2011	1.	INFOSYS	10	25	0	3
	2.	UST	12	28	2	8
	3.	IBS	5	12	1	1
	4.	ACCENTURE	3	8	0	1
	5.	SUN TECH	3	0	1	0
	6.	CSS	1	0	1	0

**d) MCA**

Sl. NO	Name of the Firm	No. of students attended		No of Students Selected	
		M	W	M	W
1	NEST Technologies	1	3	0	1
2	Wipro Solutions	0	1	0	1
3	Allsec Solutions	0	5	0	1

**e) MCA**

Sl. No.	Name of the Firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1.	HDFC Life	9	6	7	4
2.	CMC	10	3	8	1
3.	Dhanlaxmi Bank	9	6	6	5
4.	Synthite Industries	1	0	1	0
5.	HDFC Bank	1	1	1	1
6.	ICICI Prudential	2	0	2	0

**f) ME**

Sl. NO	Name of the firm	No of students attended(M)	Number of students selected(M)
	INFOSYS	15	6
	UST	3	1
	OMNEX	29	11

21. Number of PhD's produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College (With e-mail and website) : Nil

## MEDICAL COLLEGES (AIDED)

## HOMOEOPATHIC MEDICAL COLLEGES (AIDED)

### Athursramam NSS Homoeo Medical College, Kurichy, Kottayam

1. **Name of the Institution** : Athurasramam NSS Homoeo Medical College  
(With e-mail & website) : [ansshmc@gmail.com](mailto:ansshmc@gmail.com)  
: [www.ansshomoeomedicalcollege.com](http://www.ansshomoeomedicalcollege.com)

2. **Name of the Principal** : Dr.R.Venugopal

3. **Staff profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	11	18	Nil	Nil	29
Non-Teaching	7	5	Nil	Nil	12

#### 4. Courses offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		Ph.D	Number of Seats	
	M	W		M	W		M	W		M	W
BHMS50 seats	5	45	-	-	-	-	-	-	-	-	-

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appear ed		Passed		Post Graduate	Appea red		Passed		M. Phil	Appeare d		Passed		Ph .D	Appea red		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
I BHMS	7	43	6	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II BHMS (Supply)	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III BHMS (Supply)	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV BHMS	2	8	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

#### 6. Details of Test cleared by students (if any) : Nil

#### 7. Library

- (a) Total no. of books : Central Library- 2696, Book Bank - 1229  
 (b) Journal : 6  
 (c) Periodicals : 29  
 (d) Additional during the period :

#### 8. Grants received

- (a) From State Govt. : Nil  
 (b) From Central Govt : Nil  
 (c) University Grant Commission : Nil  
 (d) From others : Nil

#### 9. Projects Under taken

1. Mother & Child Health Care National Campaign
2. School Health Program
3. Periodical Health Survery – Kurichy Grama Panchayath
4. CME Programmes
5. Red Ribbon Club
6. Periodical Medical & Preventive Camps & Public Health Awareness Camps.

#### 10. Seminars conducted

- (a) State Level : Nil  
 (b) National Level : Nil  
 (c) International Level : Nil

#### 11. Seminars Conducted by Faculty (Name wise-with details)

- (a) State Level : Nil  
 (b) National Level : Nil  
 (c) International : Nil

#### 12. Publications by the Faculty with Impact factor of the publications

#### 13. Research Highlights of Faculty/scholars

Conducting Drug Proving Research in collaboration with Central Research Institute of Homoeopathy

#### 14. Academic Achievements:

1. Achieved a commendable result in Final BHMS
2. Improvement of infrastructural facilities.
3. Inter department co-ordinated seminars
4. Periodical Health Care Programmes, Seminars & Medical Camps

5. School Health Programme
6. Drug Proving Research Unit under the guidance of CCRH, New Delhi
7. Started a separate wing for conducting examinations
8. Obtained sanction from the State Govt. for creation of posts in accordance with CCH Regulation.
9. Completed construction of 25 bedded own Teaching Hospital
10. Decided to start PG degree course.
- 15. Student Achievements – Academic**
  1. Provided additional clinical facility at CRIH, Kurichy
  2. Participation in Drug Proving Research
  3. Improvement of infra structural facility.
  4. Participation in School Health Programme
  5. Participation in Medical & Preventive Camps.
  6. Participation in Mother & Health National Campaign.
  7. Participation in actively functioning NSS & Drug Ribbon Club
  8. Man datary seminars for Internees.
  9. A Women's Forum (Chethana) is functioning in the college.
  10. Participation in inter department Co-ordinator Seminar.
- 16. Students Activities/Achievements - (Extra Curricular) :**
  - (a) National Cadet Corps : Nil
  - (b) National Service Scheme : Two Units.

The aim of the scheme is to create social public health awareness & personality development among the students. Conducting Workshops, Medical Camps, Health Awareness Programmes etc

  - (c) Arts Festivals : Conducted students Arts Festival.  
Participated inter collegiate festivals.
  - (d) Sports : Conducted annual sports.  
Participated in inter collegiate events.
  - (e) Games : do
- 17. Industry varsity Linkage (If any) : Nil**
- 18. Academic Tie-Ups (if any)**

With Central Council for Research in Homoeopathy, New Delhi – Drug Proving Research.
- 19. Student Progression : Nil**
- 20. Campus Recruitment (is any) : Nil**
- 21. Number of Ph D's produced : Nil**
- 22. Research Scholars Registered in the College : Nil**
- 23. List of Research Guides in your college : Nil**

## Nursing Colleges (Aided)

### Govt. College of Nursing, Gandhinagar, Kottayam

**1. Name of the College :** Govt. College of Nursing, Gandhinagar  
 (With e-mail and website) : [principalcnk@gmail.com](mailto:principalcnk@gmail.com)  
 : [www.gconkottayam.org](http://www.gconkottayam.org)

**2. Name of the Principal :** Prof. Ambika C.V.

### 3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	0	26	2	1	26
Non Teaching	9	8	3	2	17

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of Seats		Ph.D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Sc Nursing No specific Seat allotted for men or women		60	M.Sc Nursing		22						

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W- Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph .D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
I year B.Sc Nursing	Affiliated to KUHS, Thrissur																		
II year B.Sc Nursing	Exam not conduct																		
III year B.Sc Nursing	Result not published																		
IV year B.Sc Nursing	-do-																		

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

- (a) Total Number of Books : 5943  
 (b) Total Number of Journals : 5  
 (c) Total Number of Periodicals : 2  
 (d) Number of titles added during the year : 691

### 8. Grants Received From

- (a) State Government : Plan – 60,00,000/- , Non Plan- 3,36,19,000/-  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others – Specify : Nil

### 9. Projects Undertaken

- (a) Under graduates and PG students undertake various research projects as part of the curriculum  
 (b) GFATM project – Training of Nurses on HIV/AIDS Sponsored by Indian Nursing Council

### 10. Seminars Conducted

- (a) State level

1. Workshop on innovative teaching strategies & evidence based practice for nursing teachers on 29.06.2011 at Govt. College of Nursing, Kottayam
2. Communication & Transaction analysis for staff nurses (Vista-11) on 05.04.2011 at GFATM Hall by 2<sup>nd</sup> M.Sc (N), 5<sup>th</sup> batch.

(b) National level

(c) International level

#### **11. Seminars Conducted by Faculty (Name wise -with details)**

(a) State level.

1. Mrs. Usha.V.K. was the resource person for the regional workshop on research methodology on 14.1.2011 at Co-operative college of Nursing , Thallassery  
Participated in the work shop on “Research Methodology” organized by institutional research committee, Govt. Medical College, Kottayam on 6th February 2011 (1 day)  
Participated in the State level workshop conducted by Kerala Social Security Mission on “Social Welfare Planning and Administration” on 09.08.2011 at Thiruvananthapuram ( 1day)
2. Dr. Sreedevi. T.R. -Resource person for State Level Conference on Paradigms of Experimental research at Govt. College of Nursing, Thiruvananthapuram. 11 & 12th March 2011  
The participant for the workshop on research methodology and statistics conducted by Inter University Center for Disability Studies (IUCDS) in association with ICSSR. September 13 – September 17, 2011  
Resource person for the CNE on research methodology update organized by TNAI Kerala State Branch at Sanjoe College of Nursing, Perumbavoor, 17.10. 2011 – 18.10.2011

(b) National level

1. Mrs. Usha.V.K. - Resource person for the “Certificate course in basic issues in geriatric care” organized by National Institute of Social Defence, New Delhi in collaboration with Alzheimer’s & related Disorders society of India in March – April 2011 (2 sessions)
2. Mrs. Usha.V.K. - Resource person in the national conference on “Emerging challenges in nursing” on 30th Sept-1st Oct 2011 at Pravara Institute of Medical Sciences, College of Nursing, Zoni, Maharashtra (2 days)
3. Mrs. Usha.V.K. - Participated in the “National consultation on empowerment of older women” organized by centre for gerontological studies, Thiruvananthapuram from 21.03.2011 to 23.03.2011 (3days)
4. Prof. Selliamma Kuruvilla – Participated in the National Seminar on “Health, nutrition and elderly: Need for strategies and intervention” organized by the dept of home Science, Gandhigram Rural Institute – Deemed University, Tamil Nadu. 16.12.2011 to 17.12.2011
5. Dr. Sabeena Thomas presented scientific paper in the first national conference of Indian Society of Community Healthy Nurse specialists. 13.08.2011

(c) International level

#### **12. Publications by the Faculty with Impact factor of the Publications (A Short Description)**

1. Effectiveness of structural psychoeducation programme on expressed emotion – Indian journal of Psychiatric nursing 2(1), Feb. 2011 P-51-53 – Reghunathan N, Usha.V.K., Varghese Punnoose , Julee Joseph
2. Physical problems of senior citizens: A gender perspective – Kerala Nursing Forum vol. 6: No.3, July – September 2011 P. 5-15- Usha.V.K., Lalitha.K.
3. Social problems of senior citizens – Nightingale Nursing Times Vol.7 No.7: October 2011. P. 12-15 by Usha.V.K., Lalitha.K.
4. Ancy Mathew - A time motion study: How do nurse’s spend their time. Nightingale Nursing Times August 2011
5. Sisy Jose - “Stress of infertile couples before and after adoption of child” in Kerala Nursing Forum Journal.

#### **13. Research Highlights of Faculty/Scholars (A Short Description)**

“S.B.M.R. project on maternal empowerment on preterm home care efficiency” in progress after Institutional Review Committee Clearance – Sisy Jose, Assistant Professor

**14. Academic Achievements (A Short Description)**

Final synopsis submitted for Ph.D in School of Behavioural Science on “Quality of life of couples before and after adoption of child’ and awaiting open defence - Sisy Jose, Assistant Professor

**15. Student Achievements -. Academic (A Short Description)****16. Students Activities/ Achievements -(Extra Curricular)**

(a)National Cadet Crops

(b) National Service Scheme

The Govt. Nursing College NSS activities of 2011 started on 26.08.2011 with the installation ceremony of the newly enrolled volunteers. Various programmes were planned for the year. NSs Day was celebrated on 24.09.2011 with a debate session. Campus beautification was done in association with Gandhijayanthi on 02.10.2011. World Mental Health Day was observed on 10.10.2011 and volunteers organized health exhibition in Govt. Medical College on various aspects of mental illness. Volunteer secretaries attended the leadership training camps held at New Man College Thodupuzha and CMS College Kottayam. NSS volunteers conducted community surveys organized health camps for various sections of the society such as adolescents, women and senior citizens.

(c)Arts Festivals

(d)Sports

(e) Games

**17. Industry Varsity Linkage (If any, Short Description)** : Nil**18. Academic Tie-Ups (if any)** : Nil**19.Student Progression** : Nil**20.Campus Recruitment ( is any)** : Nil**21.Number of PhD’s Produced** : Nil**22. Research Scholars Registered in the College** : Nil**23.List of Research Guides in your College**

Dr. Saleena Shah – sspadanav@gmail.com

Dr. Sreedevi.T.R. - drsreedevilakshmi@gmail.com

Dr. Sabeena Thomas – sabeena\_1963@yahoo.com

## Nursing Colleges(UnAided)

### Bahuleyan Charitable Foundation College Of Nursing, Chemmanakary

**1. Name of the College** : BCF College of Nursing, Chemmankary  
(With e-mail and website) : [bcfnursing@gmail.com](mailto:bcfnursing@gmail.com)  
: [www.bcfcollegeofnusing.com](http://www.bcfcollegeofnusing.com)

**2. Name of the Principal** : Prof. B. Leelamma

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	22	----	----	23
Non Teaching	6	8	-----	-----	14

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Sc Nursing	5	169	---	----	----	---	----	----	----	----	----
(out of 174 students 97 first and second year students matriculated under KUHAS, Thrissur)											

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
- N A -																	

6. Details of Tests cleared by Students (if any) : Nil

#### 7. Library

- (a) Total Number of Books : 3017  
 (b) Total Number of Journals : 22  
 (c) Total Number of Periodicals : 04  
 (d) Additions during the period : 142

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify

Rs.90,000/- is received from Mr.Ken Wedlake, Buffalo, New York, U.S.A towards payment of Merit Scholarships and Financial Assistance to the deserving Nursing students.

9. Projects Undertaken : Nil

#### 10. Seminars Conducted

- (a) State Level  
 (b) National Level  
 (c) International Level  
 (d) Institutional level : Nursing Management of Breast Cancer – An Overview”

11. Seminars Conducted by Faculty : Nil

12. Publications by the Faculty with Impact factor of the Publications : Nil

#### 13. Research Highlights of Faculty/Scholars

- Effect of oral glucose as analgesics in neonates undergoing Intravenous cannulation. Journal of Nursing Research April 2007.
- Effectiveness of Garlic on blood pressure among Hypertensive patients, The Nurse (Journal) December 2011

14. Academic Achievements : Nil

15. Student Achievements – Academic : Nil

#### 16. Students Activities/ Achievements – (Extra Curricular)

- (a) National Cadet Crops  
 (b) National Service Scheme



(c) Arts Festivals

- 1) Mime, 3<sup>rd</sup> Prize SNA Zonal Level Competition 2008-09
- 2) Group Song, 3<sup>rd</sup> Prize SNA Zonal Level Competition 2008-09
- 3) Poster Presentation 2<sup>nd</sup> Prize, SNA East Zonal Level Competition – 2011
- 4) Floor Decoration, 3<sup>rd</sup> Prize, SNA East Zonal Level Competition – 2011
- 5) Mime, 3<sup>rd</sup> Prize, SNA East Zonal Level Competition – 2011
- 6) Group Song, 1<sup>st</sup> Prize, Kerala Nurses Week, Kottayam Competition - 2011
- 7) Elocution English, 3<sup>rd</sup> Prize, Kerala Nurses Week, Kottayam Competition - 2011
- 8) Light Music, 3<sup>rd</sup> Prize, Kerala Nurses Week Competition, Kottayam - 2011

(d) Sports

(e) Games

17. Industry Varsity Linkage (If any) : Nil  
18. Academic Tie-Ups ( if any ) : Nil  
19. Student Progression ( Brief about the past students ) : Nil  
20. Campus Recruitment ( is any ) : Nil  
21. Number of PhD's Produced : Nil  
22. Research Scholars Registered in the College : Nil  
23. List of Research Guides in your College

## Caritas College of Nursing, Thellakom, Kottayam

1. Name of the College : Caritas College of Nursing, Thellakom  
(with e-mail and website) : caritascollege@yahoo.co.in  
: [www.caritascollegeofnursing.in](http://www.caritascollegeofnursing.in)

2. Name of the Principal : Sr. Philomin

### 3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Nil	37	-	-	37
Non-teaching	3	12	-	-	15

### 4. Courses offered with number of seats

Under Graduate		No. of seats		Post Graduate	No. of seats		M. Phil	No. of seats		Ph. D.	No. of seats	
		M	W		M	W		M	W		M	W
B.Sc. Nursing	1 <sup>st</sup> year	Affiliated to KUHS	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup> year	Affiliated to KUHS	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup> year	-	48	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup> year	-	48	-	-	-	-	-	-	-	-	-
Post Basic	1 <sup>st</sup> year	Affiliated to KUHS	-	-	-	-	-	-	-	-	-	-
B.Sc. Nursing	2 <sup>nd</sup> year	Affiliated to KUHS	-	-	-	-	-	-	-	-	-	-

## 5. Student Intake

Intake, those Appeared in the Examination and Passed M- Men, W- Wo men																					
Under Graduate		Appear ed		Passed		Remarks	Post Graduate	Appea red		Passed		M. Ph il	Appea red		Passed		Ph . D.	Appea red		Passe d	
		M	W	M	W		-	M	W	M	W	-	M	W	M	W	-	M	W	M	W
B. Sc. Nursing	1 <sup>st</sup> year	-	-	-	-	Affiliated to KUHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup> year	-	-	-	-	Exam not yet scheduled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3 <sup>rd</sup> year	1	37	-	-	Exam not yet completed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup> year	2	29	-	-	Result not published	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Post Basic B. Sc. Nursing	1 <sup>st</sup> year	-	-	-	-	Affiliated to KUHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup> year	-	24	-	-	Result not published	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

6. Details of Tests cleared by Students : Nil

### 7. Library

- a. Total Number of Books : 4233  
 b. Total Number of Journals :  
     Foreign journals : 16  
     Indian journals : 12  
 c. Total Number of Periodicals : 17  
 d. Additions during the period : 549

### 8. Grants received from

- a. State Government : Nil  
 b. Central Government : Nil  
 c. University Grant Commission : Nil  
 d. Others – specify : Nil

9. Projects undertaken : Nil

10. Seminars conducted : Nil

11. Seminars conducted by Faculty : Nil

12. Publication by the Faculty with Impact factor of the Publications : Nil

13. Research highlights of Faculty/scholars : Nil

14. Academic Achievements : Nil

15. Student Achievements – Academic : Nil

16. Student Activities/Achievements – (Extra Curricular) : Nil

17. Industry Varsity Linkage (if any, short description) : Nil

18. Academic tie-ups (if any) : Nil

19. Student Progression : Nil

(eg. Former student cleared civil service, joined MIT, Posts docroal fe llowships)

20. Campus Recruitment (if any) : Nil

21. Number of Ph.D's produced : Nil

22. Research Scholars Registered in the college : Nil

23. List of Research Guides in your College (with e-mail and website) : Nil

## THEOPHILUS COLLEGE OF NURSING, KANGAZHA

1.Name of the College :THEOPHILUS COLLEGE OF NURSING

(With e-mail and website) : [www.theophiluscollegeofnursing.com](http://www.theophiluscollegeofnursing.com) ,

: [tcnkangazha@gmail.com](mailto:tcnkangazha@gmail.com)

**2.Name of the Principal** : Mrs. Shyla Ipe Varghese

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	17	Nil	Nil	19
Non Teaching	3	7	Nil	Nil	10

**4.Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Sc. Nsg		50/ Batch									

**5.Student Intake**

Intake , those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appear ed		Passed		Po st G ra du ate	Appe ared		Pass ed		M . Phil	App e ar ed		Ph. D	Appe ared		Pass ed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
B.Sc. Nsg 4 <sup>th</sup> year	10	38	10	38													
B.Sc. Nsg 3 <sup>rd</sup> year	2	38	1	37													
B.Sc. Nsg 2 <sup>nd</sup> year	1	48	0	33													
B.Sc. Nsg 1 <sup>st</sup> year	0	50	0	27													

**6.Details of Tests cleared by Students** : Nil

**7.Library**

- (a) Total Number of Books : 1959
- (b) Total Number of Journals : 25
- (c) Total Number of Periodicals
- (d) Numer of titles added during the year : 48

**8.Grants Received From**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others - Specify : Nil

**9.Projects Undertaken** : Nil

**10.Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** : Nil

12. Publications by the Faculty with Impact factor of the Publications : Nil  
13. Research Highlights of Faculty/Scholars (A Short Description) : Nil  
14. Academic Achievements (A Short Description) : Nil  
15. Student Achievements - Academic (A Short Description) : Nil  
16. Students Activities/ Achievements –(Extra Curricular) : Nil  
Arts Festivals : Students Nurses Association  
17. Industry Varsity Linkage (If any, Short Description) : Nil  
18. Academic Tie-Ups ( if any ) : Nil  
19. Student Progression : Nil  
(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )  
20. Campus Recruitment ( if any ) : Nil  
21. Number of PhD's Produced : Nil  
22. Research Scholars Registered in the College : Nil  
23. List of Research Guides in your College (With e-mail and website) : Nil

## MAR SLEEVA COLLEGE OF NURSING, PALAI

1. Name of the College : MAR SLEEVA COLLEGE OF NURSING, PALAI  
(With e-mail and website) : [www.marsleeva.org](http://www.marsleeva.org)  
: [college@marsleeva.org](mailto:college@marsleeva.org)

2. Name of the Principal : Sr. ANNE FELIX FCC

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	-	24	-	-	24
Non Teaching	5	4	-	-	9

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats	Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
			M	W		M	W		M	W
Basic B.Sc. Nursing	60									
Post Basic B. Sc. Nursing	20									

### 5. Student Intake

Intake , those Appeared in the Examination and Passed												M-Men, W-Women								
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
Basic B.Sc. Nursing	4	45	4	45																

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

- (a) Total Number of Books : 3218  
(b) Total Number of Journals : 25  
(c) Total Number of Periodicals : 41

- (d) Additions during the period : 835
- 8.Grants Received From**
- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil
- 9.Projects Undertaken** : Nil
- 10.Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** : Nil
- 12.Publications by the Faculty with Impact factor of the Publications** : Nil
- 13.Research Highlights of Faculty/Scholars** : Nil
- 14.Academic Achievements** : Nil
- 15.Student Achievements - Academic** : 100 % result
- 16.Students Activities/ Achievements –(Extra Curricular)**
- (a)National Cadet Crops : Nil  
 (b) National Service Scheme : Nil  
 (c) Arts Festivals : Taken part in State SNA competition and won prizes  
 (d) Sports : Nil  
 (e) Games : Nil
- 17.Industry Varsity Linkage (If any)** : Nil
- 18.Academic Tie-Ups ( if any )** : Nil
- 19.Student Progression**  
 Students have entered into the nursing service section and nursing education section in India and Abroad and studying PG Courses in Nursing
- 20.Campus Recruitment ( if any )** : Nil
- 21.Number of PhD's Produced** : Nil
- 22. Research Scholars Registered in the College** : Nil
- 23.List of Research Guides in your College** : Nil

## ERNAKULAM

### ARTS AND SCIENCE COLLEGE(AIDED)

#### AQUINAS COLLEGE, EDACOCHIN,COCHIN

- 1. Name & Address of the College** : AQUINAS COLLEGE, EDACOCHIN  
 (with e-mail and website) : [mail@aquinacollege.in](mailto:mail@aquinacollege.in)  
 : [www.aquinacollege.in](http://www.aquinacollege.in)

- 2. Name of the Principal** : V.J. VARGHESE

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	8	9	Nil	Nil	17
Non Teaching	16	3	Nil	Nil	19

#### 4. Courses Offered with Number of seats

Under Graduate	No. of seats	Post Graduate	Number of seats
1.B.Sc. Physics	32	1.M.Sc.Physics	10
2.B.Sc. Mathematics	24	2.M.Sc. Biotechnology (Self Financing)	20
3.B.A. Economics	40		
4.B.Com.Marketing (Voc. Model II)	30		
5.B.A.English (Vocational Model II)	24		
6.B.Sc. Electronics (Self Financing)	60		

#### 5. Student Intake

Intake, those appeared in the examination and passed M-Men, W-Women

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
Aided	37	114	30	106	Aided	3	8	-	2
Self Financing	18	7	10	5	Self Financing	-	9	-	8

M.Phil/Ph.D. : Nil

10. Details of Tests cleared by Students (if any) : Nil

#### 11. Library

- (a) Total No. of Books : 17597  
 (b) Total Number of Journals : 10  
 (c) Total Number of Periodicals : 19  
 (d) Additions during the period : 492

#### 8. Grants received from

- (a) State Government – (contingent grant 2000-02) : Rs. 12570/-  
 (b) Central Government : Nil  
 (c) University Grants Commission : Rs. 32,10,000/-  
 (d) Others – NAAC (for Seminar) : Rs. 75,000/-

#### 9. Projects undertaken

: Nil

#### 10. Seminars conducted

- (a) State Level :  
 1. Dept. of Commerce – 19.8.2011 on “Research Methodology and use of Statistical Tools in Research”  
 2. Dept. of Mathematics– 16.9.2011  
 (b) National Level :  
 1. Dept. of Electronics - 14.9.2011 & 15.9.2011  
 (c) International Level :  
 1. Dept. of English - 3.10.2011

#### 11. Seminars Conducted by Faculty

: Nil

#### 12. Publications by the Faculty with impact factor of the Publications

Mr. Joseph John, Asst. Professor in Physics - 2 papers

- Joseph John, U.S. Sajeev, S. Jayalekshmi “Modification of Surface Structure By Iodine Doping In Plasma Polymerized Thin Films” National Seminar on Nanotechnology and its Applications, February 1-3, 2011, Maharaja’s College, Ernakulam, Kerala, India
- Joseph John, U.S. Sajeev, S. Jayalekshmi “Low-k materials based on plasma polymerized pyrrole thin films” 23<sup>rd</sup> Kerala Science Congress, January 29-31, 2011, Centre for Earth Science Studies, Akkulam, Thiruvanthapuram, Kerala, INDIA

#### 13. Research Highlights of Faculty/Scholars

: Nil

#### 14. Academic Achievements

: Nil

#### 15. Student Achievements – Academic

B.Sc. Maths II Rank

B.Sc. Physics – Fourth, sixth and eighth positions in the University Examination.

**16. Students Activities/Achievements – (Extra Curricular)**

(a) National Cadet Crops : Enclosed - 1

(b) National Service Scheme : Enclosed - 2

(c) Arts Festivals

The College Dance Team won 3 I prizes in Inter Collegiate Dance competitions held at Cochin College, Cochin 2., St. Albert's College, Ernakulam & Govt. Engineering College, Pala.

(d) Sports &amp; Games : Enclosed - 3

**17. Industry Varsity Linkage** (if any) : Nil**18. Academic Tie-Ups** (if any) : Nil**19. Student Progression** : Nil**20. Campus Recruitment** (if any) : Nil**21. Number of Ph.D's produced** : Nil**22. Research Scholars Registered in the College** : Nil**23. List of Research Guides in your College** : Nil**BASELIOS POULOSE II CATHOLICOS COLLEGE, PIRAVOM****1. Name of the college** : Baselios Poulouse II Catholics College, PiravomWebsite : [www.bpcccollege.ac.in](http://www.bpcccollege.ac.in)

e-mail : principal@bpc.ac.in

**2. Name of the Principal** : DR. SUNNY KURIAKOSE A**3. Staff Profile**

Staff Profile	Men	women	SC	ST	Total
Teaching	15	12	Nil	Nil	27
Non Teaching	9	9	Nil	Nil	18

**4. Courses Offered with Number of seats**

	Under Graduate	Number of seats		Post Graduate	Number of seats		M. Phil	Number of seats		ph .D	Number of seats	
		M	W		M	W		M	W		M	W
	B.A English with Journalism	21	18	M.Sc Computer Science	13	18						
	BCA	27	31	M.Sc Electronics	20	10						
	BBA	32	36									
	B.SC ELECTRONICS	34	18									

## 5. Student intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women										
	Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
		M	W	M	W		M	W	M	W
	BA English	8	11	5	7	M.Sc Computer Science	11	12	4	6
	BBA	30	25	13	18	M.Sc Electronics	9	6	3	5
	BCA	33	35	9	22					
	B.SC ELECTRONICS	39	17	19	12					

6. Details of Tests cleared by students : Nil

## 7. Library

- (a) Total Number of Books : 19035
- (b) Total Number of Journals : 5
- (c) Total Number of Periodicals : 40
- (d) Number of titles added during the year : 139

## 8. Grants Received From

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grants Commission : Rs. 66,30,606/-
- (d) Others-Specify

## 9. Projects undertaken

a	Mr. Jacob Abraham (Dept. of Electronics) : - Study & Analysis of Health Risk from Mobile phone base stations - UGC minor research project
b	Mr. Gigi Mathai (Librarian) : - Information needs in Information use patterns of Post Graduate Students in Arts & Science Colleges in Ernakulam District

## 10. Seminars Conducted

<b>a</b>	<b>State Level</b>
	Two day IT Fest "TechnoCraze '11", held during February 22-23, 2011
<b>b</b>	<b>National Level</b>
	UGC Sponsored National Seminar on Cyber Criminology", March 3-4, 2011
	UGC Sponsored National Seminar on "Modern trends in Electronic Communication and Signal Processing (NSMECSP)" on 3rd to 4th Feb. 2011 at BPC college, Piravom

## 11. Seminars attended by faculty (Name wise - with details)

<b>b</b>	<b>National Level</b>
	Mr. Suseel V. Daniel (Dept. of Business Administration) : Presented a paper in the UGC sponsored National Seminar on "Computer Crime and Ethics to Management Students " on March 4th 2011



	Ms. Jeeva Jose (Dept. of Computer Application): National Conference on Computing and Communication, Mahatma Gandhi University, Kottayam, May 27-28, 2011
	Mr. Eldhose T. John (Dept. of Computer Application) UGC sponsored National Seminar on Operating Systems and Networking Management", MES College, Marampilly, March 24-25, 2011
	Ms. Sheba K.U, Ms. Nimmol P. John, Ms. Leeja Mathew, Ms. Anu Paul & Mr. Shaju Varughese ( Dept. of Computer Application) : attended UGC sponsored National Seminar on Cyber Criminology, BPC College, Piravom
	Ms. Sheba K.U. & Ms. Nimmol P. John (Dept of Computer Application) : attended UGC Sponsored National Seminar on "Operating Systems and Networking Management", MES College, Marampilly, March 24-25, 2011
	Ms. Anu Paul Dept. of Computer Application): Attended UGC Sponsored National Seminar on "Modem Trends in Electronic Communication", Feb 3-4, 2011
	Mr. Jobin Abraham (Dept. of Electronics) : National Seminar on "DIGITAL IMAGE PROCESSING" Sanhiigiri College on 29th Jan 2011
	National Conference on "Informaton Communication And Intelligent System" held on 25th and 26th Feb 2011 at KMEA Engineering College , cochin, kerala
	Ms. Manju Abraham (Dept. of Electronics) UGC Sponsored National Seminar on "Modem Trends on Electronic Communication and Signal Processing " on 3-4, Feb.2011 at BPC College, Piravom
	Mr. Jacob abraham (Dept. of Electronics): Convener of the UGC Sponsored National Seminar on "Modem Trends on Electronic Communication and Signal Processing " on 3-4, Feb.2011 at BPC College, Piravom
	Mr. Bince John (Dept. of Electronics) : " Design with Embeded Processors", during 2011 Sept.14-15 2011, at Aquinas College, Edakochi
	Mr. Bince John (Dept. of Electronics) : " Nanoscience & Technology", during Sept. 01-01, 2011, at Nirmala College, Muvattupuzha
	Ms. Sindhu Thomas (Dept. of English) : Two day workshop conducted on "The Humanities Methodology and Perspectives" on 23rd and 24th August 2011
	Dr. Sunny Kuriakose A (Principal) : Two-day UGC sponsored national seminar on recent trends in the applications of mathematical sciences held during Jan. 27-28, 2011, at Vellalar College for Women (Autonomous), Erode, Tamilnadu.
	Dr. Sunny Kuriakose A (Principal) : Executive development Programme organized by AIACHE from April 27, 2011 to May 3, 2011 held at jnana deepa vidya peeth, pune.
	Dr. Santhosh P. Kuruvilla : ICVCI 2011, SAINTGITS College, Kottayam, 7 April 2011.
<b>c</b>	<b>International Level</b>
	Ms. Jeeva Jose (Dept. of Computer Application) : presented a paper in 2nd Intemational conference on E-Learning, E-Education, E-Business and E-Management (IC4E) AT Mumbai, IEEE & IEDRC Jan 7-9, 2011
	Ms. Jeeva Jose (Dept. of Computer Application) : 20th Intemational Conference on WWW, Hyderabad, Mar. 28 to Apr.1, 2011
	Ms. Anu Paul (Dept. of Computer application): Intemational Conference on Computing and Communication, Orgained by Rajagiri College of Engineering and Technology, July 22-24, 2011
	Ms. Anu Paul (Dept. of Computer application):Intemational World Wide Web Conference held at Hyderabad from March 28 - April 1, 2011
	Ms. Bindu Abraham (Dept. of Statistics) : Presented a paper entitles " Analysis of M/D/s queue with input traffic as DAR (1)" in an Intemational Conference on Mathematical Sciences in Honour of Professor A.M. Mathai Organized by Dept. of Statistics, St. Thomas College, Pala from Jan.3-5, 2011

	Ms. Bindu Abraham (Dept. of Statistics) : Presented a paper entitled "A count model based on Mittag-Leffler Inter arrival times distribution" in an international conference on Acturial Statistics, Bio Statistics and Stochastic Modelling held during January 2011
	Dr. Sushan P.K. (Dept. of Business Administration) : attended the International Seminar on "New Generation Banks and Economic Development" organized by Dept of Management Studies, SNGCE, Kadayiruppu, Kochi, on 10.01.2011
	Dr. Sunny Kuriakose A (Principal) : Participated as a delegate and recourse person in the Five-day under graduate course designing workshop sponsored by Kerala State Higher Education Council and organized by Board Studies (Physical Education), Kannur University at Kannur University, Kerala on 4th to 6th and 11th to 12th August 2011.
	Mr. Tiji Zachariah (Dept. of Physical Education): Participated as a delegate and recourse person in the Five-day under graduate course designing workshop sponsored by Kerala State Higher Education Council and organized by Board Studies (Physical Education) < Kannur University, Kerala in 4th to 6th and 11th to 12th August 2011

## 12. Publications by the Faculty with Impact factor of the Publications

	Ms. Jeeva Jose Dept. of Computer Application) - "Webcasting and P2P Networks: A threat for Intellectual Property Protection", International Journal of Innovation, Management and Technology, IACSIT, Vol.2, 5-8 (2011)
	Dr. Sushan P.K (Dept. of Business Administration) - Published in International peer reviewed Journal of Interdisciplinary Studies and research, Baselious Researcher, Baselious College, Kottayam. The title of paper is "Risk Management : Basel II Revisited" Volume XII No.1, January-June 2011
	Mr. Vipeesh P. (Dept. of Electronics) : "Development and Validation of Matlab models for nanowire sensors" Communications in Computer and Information Science, 190, 270-283 (2011)
	Mr. Benjamine Varghese P. (Dept of Electronics) : "Development of a strain sensor using Fiber Bragg Grating and its effect on temperature variation", JL of Instrum Soc. Of India, 2011
	Mr. Jacob Abraham (Dept. of Electronics): "Powering mobile towers from solar energy : a review" in International Journal of Environmental Research and Development, Vol. I, Number 2 Jan-June 2011 Page 1-4 with ISSN 2249-3131
	Mr. Jacob Abraham (Dept. of Electronics): "Measuring and analyzing the SAR inclination in human exposure" in CIIT International Journal of Digital Signal processing Volume 3, no. 7, August 2011, Page 366-370, ISSN 0974 - 97051M FAC 74
	Mr. Jobin Abraham (Dept. of Electronics): "Gray Scale Image Watermarking using LSB Modification", IJA RCS: International Journal of Advanced Research in Computer Science, 0976-5697 Vol. 2, No.5, Sept-Oct. 2011
	Ms. Saji K.S. (Dept. of English) : "Social Justice and Narrative Strategies of the Nation" accepted for publication in SB Academic Review Dec. 2011
	Dr. Sunny Kuriakose A (Principal) : Decision Making under Uncertainty in a Fuzzy Environment, (accepted for publication) in International Journal of Fuzzy Mathematics and Systems 2011
	Dr. Sunny Kuriakose A (Principal) : Possibilistic Optimistic Criterion in Fuzzy Environment Advances in Fuzzy Sets and Systems, Vol.08, No.1, Feb.2011
	Dr. Sunny Kuriakose A (Principal) : Some New Measures of Entropy Using Fuzzy Cardinality, International Journal of Fuzzy Mathematics, Oaklyn, USA, Vol. 19, No.4, (2011) No.4, 2011
	Dr. Sunny Kuriakose A (Principal) : Medical Image Segmentation Using Fuzzy Binary Relations, (accepted for Publication) in International Journal of Fuzzy Mathematics & Systems
	Ms. Bindu Abraham : "A count model based on Mittag Leffler inter arrival Times", Statistica, Vol.4, 2011

## 13. Research Highlights of Faculty/Scholars : Nil

**14. Academic Achievements**

Ms. Maria Baby of BBA -3 rd rank
Mr. Rahul M of M.Sc Electronics - 1st rank

**15. Student Achievements** : Nil

**16. Students Activities/Achievements -(Extra Curricular)**

<b>a</b>	<b>National Cadet Crops</b>
	It gives me immense pleasure to present the annual report for the year 2011-2012 of the NCC unit of BPC College Piravom. The NCC unit of our college is very dynamic and enthusiastic. An Orientation Programme for the first year students was conducted at the beginning of the year to give a brief description about the opportunities & privileges to NCC cadets in defense services as well as corporate life. The permitted strength of the NCC Unit of this college is 152 cadets. A total of 54 SD Cadets and 18 SW Cadets joined our college NCC unit in the year 2011-2012. Last year it was 58 SD Cadets and 22 SW Cadets.
	H.B. Baselios Thomas I Catholicos handed over the ranks to SUO Sarath KM, JUO Abin Mathew, JUO Rakesh K R and JUO Merin Sara Kuriakose. Our college Principal Dr. Sunny Kuriakose A did the cane ceremony.
	This year's activities of the unit started on 13-08-2011
	The cadets of this college participated in various camps like CAWATC, ATC, NIC, Trekking Camps, Cycle expeditions and various Adventure activities and took initiative in the organization of several activities at the Unit level. Firing practice was conducted in our college on 28-01-2012. Cadet Basil Benny got second place in the inter college firing practice competition under 18 (K) Bn.NCC Muvattupuzha. During the year 2011-2012, 47 Cadets of this Unit appeared for the B- Certificate Examination and 24 cadets appeared for the C- Certificate Examination conducted on February.
	On January 26, 2012 the Republic Day was celebrated in the college premises by our unit. The Principal Dr. Sunny Kuriakose A hoisted the National Flag, received the salute and addressed the cadets. In his address to the students he urged them to join defence services and contribute to nation building activities. Our Principal stressed the importance of studies and personality development through NCC activities in his speech. He also explained the career opportunities after graduation and privileges to NCC cadets in defense services. On the same day our cadets actively participated in the rally against the plastic, jointly organised by the college union, NSS and Mother Teresa women's Hostel towards Piravom with slogans to give awareness to the public about a plastic free Piravom city.
<b>b</b>	<b>National Savings Scheme</b>
	The activities were kicked off with the launching of a year-long bio-diversity conservation programme on the world Environment Day. The year saw the enrolling of two hundred and ten new volunteers. NSS unit initiated a health survey in Piravom panchayath to compile data of those who suffer from diabetes, cancer and pulmonary diseases. NSS Unit organised the three day mini camp in Karamala Colony from 13 August to 15 August. On Teachers' Day NSS Unit organised a card designing and caption writing competition. The seven day special camp had been held from December 23 to December 29. The venue of the camp was Karamala, adopted colony of the unit. The number of campers including programme officers was 102. Volunteers of the unit participated in a number of inter-collegiate NSS camps and programmes during the year.

**17. Industry Varsity Linkage (If any)** : Nil

**18. Academic Tie-Ups (If any)** : Nil

**19. Student Progression (Brief about the past students)** : Nil

## 20. Campus Recruitment (is any)

Sl. No.	Name of the firm	No of students attended		No. students Selected	
		M	W	M	W
1	WIPRO	25	32	0	1
2	Muzlris Software (off campus)	14	12	3	3

21. Number of Ph.D's produces : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your college

Dr. Sunny Kuriakose A., Principal

## MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR

1. Name of the College : Marthoma College for Women,  
Perumbavoor (with e-mail and website): [mtcwpbr@yahoo.co.in](mailto:mtcwpbr@yahoo.co.in)

2. Name of the Principal: LALLY MATHEW

### 3. Staff Profile

	Men	Women	Scheduled caste	Scheduled Tribe	Total
Teaching	6	24			30
Non Teaching	5	12	1		17

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
History		30	Zoology		20						
English		24									
Maths.		36									
Zoology		20									
Chemistry		48									
Physics		24									
B.Com		32									

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
B.A		48		21																
B.Sc.		80		71	M.Sc.		23		20											
B.Com		39		37																

6. Details of Tests cleared by Students : Nil

### 7. Library

(a) Total Number of Books : 13842

(b) Total Number of Journals : 35

© Total Number of Periodicals : 40

- (d) Number of titles added during the Year : 665
- 8. Grants Received from**
- (a) State Government : 28248640
- (b) Central Government
- © University Grant Commission : 39,21,000
- (d) Others - Specify
- 9. Projects Undertaken** : Nil
- 10. Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** (Name wise –with details- N.A.)
- (a) State Level : Dr.Lisy Cherian, Dept.of Mathematics S.S.V. Airapuram
- (b) National Level : Regional Seminar – Eco-Feministic and Cultural Studies –  
Litt.from 1990 onwards.
- © International Level : On 8<sup>th</sup> & 9<sup>th</sup> 2009. By Dept.of English.
- 12. Publications by the Faculty with Impact factor of the Publications Dr.Lisy Cherian, -**
1. Journal of Fuzzy Mathematics
  2. Characteristics of intuitionestic fuzzy
  3. Vol.19,No.42011 907-914
- Mrs.Annie Kurien K**
- “ Homology properties of Digital Simple Closed Curves”
- 28.** International Journal of Mathematical Sciences and Applications - Vol.1 No.2 (May 2011)
- 29.** “Compactness in smallest neighbourhood spaces” – International Journal of Open Problems in Mathematics and Applications, Vol.1, No.1, March 2011.
- 13. Research Highlights of Faculty/Scholars** : Nil
- 14. Academic Achievements** (A Short Description) : Nil
- 15. Student Achievements – Academic** (A Short Description) : Nil
- 16. Students Activities/Achievements** – (Extra Curricular)
- (a) National Cadet Crops
- (b) National Service Scheme
- © Arts Festivals – Commerce Association- Overall champion
- (d) Sports
- (e) Games
- 17. Industry Varsity Linkage** (if any, Short Description) : Nil
- 18. Academic Tie-Ups** (if any) : Nil
- 19. Student Progression** : Nil  
(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships)
- 20. Campus Recruitment** (if any) : Nil
- 21. Number of Ph.D’s Produced**
- 22. Research Scholars Registered in the college** : Nil
- 23. List of Research Guides in your College** (with e-mail and website) : Nil

## **MORNING STAR HOME SCIENCE COLLEGE, ANGAMALY**

- 1. Name of the College** Morning Star Home Science College, Angamaly  
( with e-mail and website) [morningstarangamaly@yahoo.in](mailto:morningstarangamaly@yahoo.in)  
[www.morningstarhomescience.org](http://www.morningstarhomescience.org)
- 2. Name of the Principal** Dr. Sr. Alphonsa M K

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching		22			22
Guest Lecturer		6			6
Non-Teaching		28			28

### 4. Courses Offered with Number of Seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
Family and Community Science		24	Family and Community Science		12						
Zoology		20	Zoology (SF)		20						
Physics		24									
Chemistry		24									
Economics		42									

### 5. Student Intake

Intake, those Appeared in the Examination and passed M-Men, W-Women																	
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		Passed		M. Phil	Appe ared		Ph .D	Appe ared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
B A Eco		36		35													
B.Sc FCS		5		5	M.Sc		8		8								
B.Sc Zool		15		14	M.Sc		12		12								
B.Sc Che		18		13													
B.Sc Phy		12		10													

6. Details of Tests cleared by Students : Nil

### 7. Library

- (a) Total Number of Book : 11644  
 (b) Total Number of Journals : 30  
 (c) Total Number of Periodicals : 30  
 (d) Number of titles added during the year : 271

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Rs 18,44,816/- (2011)  
 (d) Others- Specify

### 9. Projects Undertaken

- A. Mrs. Lisue Xavier ,Associate Professor, Chemistry Department.  
**Title:** Chemical modification of starch and characterization for production of Biodegradable plastic .  
 B. Dr. Ancy Thomas, Associate Professor, Home Science Department.  
**Title:** Dying of silk garments with Onion peel to uplift 'Sahrudaya' and other silk Reeling units in Kerala State.

## 10. Seminars Conducted

### (a) State Level

- A State Level Seminar was organized by the Department of Economics sponsored by UGC on “Sustainable Development : Issues and challenges with special reference to environment” on July 28-29,2011.
- A State Level workshop was organized by the Department of Physics sponsored by UGC on “Electronic Instrumentation “on July 20-21,2011

### (b) National Level

- A National Level Seminar was organized by the Department of Home Science sponsored by UGC on “ Life style diseases in sustainable development perspective on August 26<sup>th</sup> - 27<sup>th</sup> 2011.
- A National Level Seminar was organized by the Department of Zoology sponsored by UGC on “Biotechnology as a tool for sustainable environmental conservation” on August 11-12, 2011

### (c) International Level : Nil

## 11. Seminars Conducted by Faculty (Name wise- with details) : Nil

## 12. Publications by the Faculty with Impact factor of the Publications

## 13. Research Highlights of Faculty/Scholars

Dr Lizmitha Godwin, Assistant Professor, Department Of Home Science Ph.D Awarded

## 14. Academic Achievements : Separate sheet enclosed.

## 15. Student Achievements

1. B.Sc Chemistry (Voc) 2<sup>nd</sup> Rank - Rinu Alias - 1087/1200
2. B.Sc Physics (Voc) 2<sup>nd</sup> Rank - Anjali Davis - 1127/1200
3. M.Sc F CS 1<sup>st</sup> Rank - Neethu K N - 1647/2200

## 16. Students Activities/ Achievements- (Extra

Curricular) a. National Cadet Crops : Nil

b. National Service Scheme : Separate sheet enclosed.

c. Arts Festivals

d. Sports / Games

An open course in physical Education has been newly introduced from this academic year for the Vth semester students. Our first batch students produced exemplary result with seven “A” Grade Eight B “Grade and one C” grade .Aiming at the general fitness of all the students ,a full fledged Yoga centre and fitness club have been function in the college since 2004. This year, Aerobic dance has been introduced to boost the Physical fitness. The students are making use of these facilities on a regular basis. Ladies from nearby locality are also given opportunity to make use of these facilities. Besides, interested students are given regular coaching in Yoga , Judo and Shuttle Badminton. The Sports day was conducted on 3<sup>rd</sup> February 2012 as a part of regular academic activity.

## 17. Industry Varsity Linkage (If any, short Description)

18. Academic Tie-Ups (if any) : The Travancore – Cochin Chemicals Lmt.

## 19. Students Progression

Savitha Balan selected as R B I Officer

## 20. Campus Recruitment (if any)

Sl No	Name of Firm	No of Students Attended		No. students Selected	
		M	W	M	W
1	Infosis		2		1
2	Keltron Group – Wipro, Whista, Wase		45		7

## 21. Number of Ph.D’S Produced

## 22. Research Scholars Registered in the College

## 23. List of Research Guides in your College (With e-mail and website)

1. Dr Ancy Thomas [ancysabupurackal@yahoo.co.in](mailto:ancysabupurackal@yahoo.co.in) mobile : 9895627939

**National Service Scheme Report (Unit No. 58)  
2011-2012**

The two NSS units of the college, consisting of 200 volunteers took part in multifarious activities under the leadership of Programme Officers, Mrs. Shyny K Ittiachan and Dr. Rosily A.V. Ms. Dhanya Devasia and Ms Saranya Sivan were selected as volunteer secretaries. NSS forum was organized for the effective implementation of NSS activities. The forum consisted of 20 members, two from each discipline. An advisory committee including Principal, Representative from management, Bursar, Ex-programme officers, staff secretary, College Chairperson, PTA Vice President, Panchayath ward member, Volunteer secretaries and Programme officers was formed.

**MAJOR EVENTS OF THE YEAR**

1. World Environment day is celebrated on 6<sup>th</sup> June 2011 in association with OISCA International Nedubassery chapter. The programme was presided by Dr. Sr. Alphonsa M. K., Principal and inaugurated by Dr. Unnikrishnan, Divisional Forest Officer (Flying Squad).
2. An awareness class on 'Drug Abuse' was organized on 14<sup>th</sup> June in connection with the 'International Day against Drug Abuse'. Mrs. Margret. Patrikson Counselor, St. Jude counseling. Centre, Angamaly was the resource person
3. In connection with Anti liquor Day Dr. Sr. Alphonsa M K, Principal, administered anti-liquor pledge to the students at a meeting organized by NSS.
4. N.SS activities for the year inaugurated officially on 15<sup>th</sup> July. The programme was presided by Dr. Sr. Alphonsa M K, Principal and inaugurated by Sri. P V Poulse, President Nedumbassery Gramapanchayath.
5. A one day awareness class on Pro-life was arranged for the NSS volunteers on 16<sup>th</sup> July. Mr. Yugesh Thomas, secretary KCBC Pro-life Samithi was the resource person.
6. Awareness class on 'Rainy Season diseases' was conducted on 26<sup>th</sup> July. Maj(Rtd) Dr. Jothis R Nair, Physician KG hospital Angamaly managed the class.
7. Programme Officers attended the Orientation Programme from 1<sup>st</sup> Aug to 6<sup>th</sup> at ETI Kalamassery.
8. On Independence Day, Dr. Sr. Alphonsa M K, Principal hoisted the National flag accompanied by the solemn tune of National Anthem by the volunteers. The volunteers enthusiastically participated in Independence Day Rally. Women Empowerment Day was celebrated in association with KELSA on August 15<sup>th</sup> from 10.30 am to 1.00 pm. Sri Rajan Thattil (Munsiff Aluva and Chairman Aluva Thaluk legal Service Committee) presided over the function. Sri. P Mohandas (District Judge and Member secretary KELSA) inaugurated the function. Dr. Sr. Alphonsa M K, Principal, Adv. Jose Thettayil (MLA), Smt. Meenakshi Thamapan (Member, Women's Commission) and Adv. Thulassi Padmanaban (Syndicate member CUSAT), Programme Officers Mrs. Shyny K Ittiachan and Dr. Rosily A. V felicitated the function.
9. The National Service Scheme unit of Morning Star Home Science College conducted Special Camp for the year 2011-2012 during Onam holidays from 2<sup>nd</sup> to 8<sup>th</sup> September.
10. International Peace Day was observed on 22<sup>nd</sup> September. A debate was conducted on this occasion and an inspiring Chart displayed on the notice board.
11. NSS Day was observed on 24<sup>th</sup> September. NSS volunteer Kumari Minu Merine Sabu administered the pledge and distributed sweets. A quiz competition and an awareness class on 'Family Relationship' by Sr. Praveena were organized.
12. 'SUCHITHA VARAM' was celebrated in connection with Gandhi Jayanthi during the 1<sup>st</sup> week of the October. Volunteers tried to keep the campus a 'Plastic free campus'
13. Old Age Day celebration was conducted by visiting Vayojana Club, Karakattukunnu, at Mekkad. Various competitions for the members of the club and prizes were distributed.
14. In connection with 'KERALAPPIRAVI' Nadanpattu competition conducted. II Zoology and II Chemistry got first and second prize respectively



15. NSS UNIT along with well wishers of the college sponsored wedding sarees to 15 poor girls in the community wedding project 'VARANAMALYAM' of Nedumbassery Gramapanchayat.
16. In connection with AIDS day an awareness rally is conducted to TELK Junction. A 'POSITIVE SPEAKING' section was arranged on the same day.
17. The first minicamp was held on 3<sup>rd</sup> December 2011. 90 volunteers were actively in the camp. Campus cleaning, 'Haritha' - Vegetable garden making and awareness class on 'Emotional Intelligence' were the main objectives.
18. NSS volunteers celebrated Christmas along with the inmates of 'Sisubhavan' Paduvapuram. Volunteers entertained them. Various competitions were conducted and distributed prizes
19. 'Share A Meal Project' - 'Pothichor' was inaugurated on 6<sup>th</sup> January. Around 250 lunch packets were collected and given to Abhayabhavan - a home for homeless at Koovappady. It is decided to collect lunch packets on every first Fridays. This project develops a sharing mentality in students and a concern towards poor.
20. The second minicamp was held on 11<sup>th</sup> February 2012. 87 volunteers were participated and benefited from the camp. Main objective of the camp was vocational training on ornaments making, juice making and awareness programme on VBD
21. A training programme on vermi-compost cultivation was given to NSS volunteers.

**MORNING STAR HOME SCIENCE COLLEGE, ANGAMALY  
DEPARTMENT OF HOME SCIENCE**

**Welcome to freshers (B.Sc .FCS)**

On the day 27<sup>th</sup> June 2011 the first Year B.Sc F C S students joined the college, in the morning break a welcome was arranged for the students by the staff and students of the department. The welcome to P G students was given on August 22<sup>nd</sup> 2011; the meeting was organized by the staff and the senior students of M.Sc Family and Community Science.

**National Seminar :-**

A National Level Seminar was organized by the department of Home Science sponsored by UGC on "Life style diseases in sustainable development perspective on August 26<sup>th</sup> - 27<sup>th</sup> . The seminar was done in collaboration with Little Flower Institute of Medical Science and Research , Angamaly. The Two day seminar had lectures by resource persons from various disciplines. Papers were presented by the faculties and research scholars.

**CAD DESIGN :** A computer aided designing programme on interior decoration was conducted for the students, the faculties of CAD Design Aluva gave lectures and presentations on interior design on the 20<sup>th</sup> January 2012.

**GRAHADASHAN :** A one day State Level Training Programme for young women is conducted annually in remembrance of the services rendered by former Principal Rev.Sr. Loyola. The students of various Higher Secondary Schools attended the Programme which was on fabric dying and printing the classes were held on 21<sup>st</sup> January 2012. Approximately seventy students participated in Grahadarshan.

**VISITS:**

As part of the curriculum 3<sup>rd</sup> B.Sc students visited the silk weaving and rearing center Sahridaya at Angamaly on the 9<sup>th</sup> of June 2011. Based on Extension and mass communication students visited the village office at Kariyad and interviewed Village Extension Officer on 27<sup>th</sup> July 2011. One day tour was conducted on Oct 1<sup>st</sup> 2011 by the department. The students were taken to LMilma, Art Museum of Hill Palace and Marine drive. Industrial visit students were taken to Blossom Garment Industry, Muvattupuzha on 19<sup>th</sup> January 2012. The First Year B.Sc FCS Students were taken to the Physiology Lab of Little Flower Hospital, Angamaly on 24<sup>th</sup> January 2012.

**EXTENSION**

The students of 3<sup>rd</sup> B.Sc FCS visited the Anganmadi at Vappalassery and provided Nutrition Education to mother on 20<sup>th</sup> September 2011. A Three day class on food preservation was conducted by the Dept.of FCS in Association with District Industrial Developmet Office from 22<sup>nd</sup> to 27<sup>th</sup> February 2012 on alternate days.

## REPORT OF THE CHEMISTRY ASSOCIATION 2011-2012

The Chemistry Association inauguration was held on 9<sup>th</sup> August 2010 by **Dr Beena V I** and **Dr Bhindhu PS**, Assistant Professors, Department of Soil Science and Agricultural Chemistry, College of Horticulture, Kerala Agricultural University, Vellanikkara, Thrissur,

The inaugural session was followed by a workshop on 'Soil Analysis'. Theoretical session was led by Dr Beena V I and Dr Bindhu P S. Practicals was organized in the afternoon session and Dr Visveswaran S demonstrated the different analytical tests and techniques.

The fifth semester students who opted Dairy Science Course offered by the Dept of Chemistry, as the open course, visited PDDP on 26<sup>th</sup> September 2011, in partial fulfillment of their course. They were able to get an inside view of the production of Dairy milk products. Students were given a detailed description on the processes in Dairy Industry by the Quality Control Officer Mr Prasanth.

The Chemistry family got together for the Onam celebration. Students and teachers dressed up in traditional Kerala attires sat down for a typical 'onassadya' served on plantain leaves. One of the faculty members gave the message and students enlivened the gathering with onam songs. Ramzan was also duly celebrated.

The Association organized a one-day program on 24 – 08 – 2011, Friday, in connection with the 'International Year of Chemistry' celebrations. Shri M L Paul, former Head of the Department of Electrical Engineering, M A College of Engineering, Kothamangalam, inaugurated the celebrations. Shri Muraleedharan and Mr. Rajasekharan were the resource persons. A debate was organized for the students in the afternoon session on 'Chemistry – a Boon or a Bane'. Christmas celebration was a remarkable function with the faculty and students gathering for the Christmas message, cake cutting and exchange of gifts.

Soil testing by 'Chemstar' has extended its services to other departments. 15 soil samples were analyzed this year and a small income was generated from this.

### WORKSHOP ON Soil Analysis

The 'CHEMSTAR' Soil Testing Lab functioning under the Department of Chemistry utilizes the facilities to extend the services to the locality by testing the soil samples and giving necessary advice in collaboration with the Department of Soil Science and Agricultural Chemistry, College of Horticulture, Kerala Agricultural University, Vellanikkara, Thrissur. This year a workshop was organized to give the students a better insight into the theoretical and practical aspects of soil testing. A one day programme was organized on 9<sup>th</sup> August 2011, with eminent professors from Department of Soil Science and Agricultural Chemistry, College of Horticulture, Kerala Agricultural University, Vellanikkara, Thrissur, as resource persons.

Morning session was dedicated to the theory behind soil testing. In the afternoon session, the resource persons demonstrated different tests and techniques for analyzing soil samples.

About 68 students participated in the program. The resource persons have promised to help out to analyze the results of the tests and to give proper advice as to the locals as to what fertilizer and its quantity to be used and what crop to cultivate.

The programme was well appreciated by the students.

### INTERNATIONAL YEAR OF CHEMISTRY

The Department of Chemistry of Morning Star College organized a one-day program on Friday, 24 – 08 – 2011, in connection with the 'International Year of Chemistry' celebrations. Shri M L Paul, former Head of the Department of Electrical Engineering, M A College of Engineering, Kothamangalam, inaugurated the celebrations. College Principal Rev Sr Dr Alphonse, Education Councillor Rev Sr Pushpa, and all the students were present on the occasion.

Morning session was engaged by Shri Muraleedharan, Chief Engineer, FACT. He spoke about 'Chemistry and Life'.

There was a demonstration of soap making for the benefit of students, which was conducted by third year student Miss Athira Salim.

A debate was organized for the students in the afternoon session on 'Chemistry – a Boon or a Bane', in which the students actively participated.

Poster presentation and essay competition also were organized in connection with the IYC celebrations. 67 students participated in the program. The program was well appreciated by the students.

## **LIBRARY**

### **Information Literacy Programme**

The Library Staff set out program to improve the information literacy skills of the students. The computers with internet facility were provided to students. They were introduced to open access journals and helped them to retrieve scholarly articles from the web. A portal 'J- gate' was subscribed this year and it was introduced to the students especially to the postgraduate students. The interested students were given training in MS Office and special attention was given to make students competent in seminar presentations using Power Point Technology.

### **Book Exhibition**

The Department of Zoology hosted a National Seminar on 'Biotechnology- A Tool for Sustainable Environmental Conservation'. In connection with the seminar a book exhibition was conducted in the library from August 11 to 18, 2011. The collection of books on Biology, Biotechnology and environment were displayed in the library. The response of the students was very positive and the staff and students of all departments visited the exhibition. A quiz competition and caption writing competition also were conducted.

### **Value Education and Religion Classes**

The personal and psychological profiles of the students are assessed and awareness classes are conducted. Classes in effective communication and personality development monitor and perfect the communicative skills of the students. Man, in his spiritual depths, comes into touch with the divine and from this source receives his strength. The power of prayer always manifests its rejuvenating influence.

Spiritual orientation programme was organized for catholic students and an orientation programme for non - catholic students.

### **Kanan Devan Nature Club**

Kannan Devan Nature Club of our college conducted a colourful Athapookalam contest in connection with Onam celebrations. Kannan Devan Nature Club, with its motto 'Save Nature- Save Life', teaches the students how we should love and care our nature. This Year club conducted Athapookalam contest on 2<sup>nd</sup> September, 2011. Six team participated in that contest.

### **AICUF**

AICUF members of our college actively participated in seminars, workshops and orientation programmes organized by different institutions. Youth Red Cross Unit also functioning in this college. The members of AICUF visited Abhayabhavan in Malayatoor.

## **STUDENT SUPPORT SERVICES**

### **1. Save A Star**

This is a special scheme to support financially backward students in the form of Uniform, Books, Records, Noon -meal, Medical help etc. The voluntary contributions from students, faculty members, ministerial staff, PTA and well wishers are used for this purpose. Save A Star has been extending a helping hand to the students for the past 20 years. Dr. Thressiakutty K.M. and Mrs. Cicily P J are in charge of this project.

### **2. Alumni Association**

The Association is an indispensable and one of the most important part of the main stream activities of the college. This association aims at a cordial relationship with the old students. The Annual get together and the general body meeting of the Association was held on 27<sup>th</sup> August, 2011.

### **3. Parent Teachers Association**

The P.T.A. is keenly concerned in all the activities of the college and the welfare of students. The Association honored the rank holders, the outstanding sports stars and the retiring teaching and non - teaching staff. It also arranges financial assistances to conduct value education programmes and gives scholarships to the students. The various activities of this academic year started with the commencement of the ID C classes. Classes for ID C students started on 27<sup>th</sup> June with a welcome

programme. On that day Sr Sobha, Chief Editor, Amma Magazine delivered a highly informative talk, to the parents. The General Body meeting of this academic year was held on 23 September, 2011. P J Sebastian, Associate Professor, S S V College, Valayanchiragara gave an orientation talk. Election of the office bearers was conducted during this meeting.

#### 4. Student's Counseling

Counseling helps us to bring about changes in knowledge, attitude and behavior of individuals. Aiming at these, students are assigned to every teacher who spares time to listen to them and suggestions are provided. A Government aided counseling centre functioning in our campus. The college avails the services of trained counsellors to help the students.

#### THE COLLEGE UNION

The college union election for the year 2011-12 was conducted in the presidential pattern.

Union Members

1. Chair Person - Minu Merin Sabu
2. Vice Chair Person - Amal Rani George
3. General Secretary - Sonia Thomas
4. Arts Secretary - Divya Therea Sojan
5. Sports Secretary - Greeshma Joshy
6. U U C - Aiswarya Mohan Das
7. Magazine Editor - Karthika K R

02/12/2011 – Oath Taking Ceremony

13/12/2011- Arts Club Inauguration – Chief Guest – Miss Silpa Raju, Idea Star Singer

Fame 13/12/2011 to 14/12/2011 – Arts Festival ( Sargajyothi 2011)

23/12/2011 – Christmas Celebration

## NIRMALA COLLEGE, MUVATTUPUZHA

1. Name of the College (With e-mail and website) : NIRMALA COLLEGE, MUVATTUPUZHA..

Website: [www.nirmalacollege.ac.in](http://www.nirmalacollege.ac.in)

Email: [nirmalacollege@gmail.com](mailto:nirmalacollege@gmail.com)

2. Name of the Principal

: Prof. N. JOY

3. Staff Profile

	Men	Women	Schedule d Caste	Scheduled Tribe	Total
Teaching	41	44	Nil	Nil	85
Non Teaching	23	11	Nil	Nil	34

4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.A Economics	59	125	M.A Economics	6	29				Ph.D. Commerce	19	5
B.A Malayalam	24	88	M.A Hindi	4	29				Ph.D. Hindi	2	11
B.A Hindi	35	74	M.A Malayalam	7	31				Ph.D. Malayalam	7	14
B.A Comm. English	36	69	M.Sc Chemistry	3	22				Ph.D. Statistics	3	0
B.Sc. Mathematics	28	95	M.Sc Statistics	14	24						

B.Sc Physics	38	55	M.Sc Zoology	3	27													
B.Sc Physics Voc.	34	25	M.Com	18	22													
B.Sc Chemistry	20	82	M.C.A	16	42													
B.Sc Botany	26	78																
B.Sc Zoology	11	81																
B.C.A	76	99																
B.Com	82	105																
B.Com (Voc)	70	47																

### 5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		Passed		M . P h il	Appe ar ed		Passe d		Ph . D	Appe ared		Passe d	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.A Economics	17	42	17	42	M.A Economics	3	14	1	11										
B.A Malayalam	7	28	7	28	M.A Hindi	3	12	1	11										
B.A Hindi	3	22	3	21	M.A Malayalam	3	10	2	9										
B.A Comm. English	11	24	11	23	M.Sc Chemistry	3	7	1	6										
B.Sc. Mathematics	15	32	13	30	M.Sc Statistics	3	11	3	11										
B.Sc Physics	12	21	8	20	M.Sc Zoology	1	11	1	8										
B.Sc Physics Voc.	11	9	8	6	M.Com	6	9	6	9										
B.Sc Chemistry	7	29	5	28	M.C.A	22	20	11	15										
B.Sc Botany	2	26	2	26															
B.Sc Zoology	2	29	1	29															
B.C.A	19	43	2	32															
B.Com	30	35	22	31															
B.Com (Voc)	21	15	18	15															

### 6.Details of Tests cleared by Students

Sl.No	National Level	State Level
1	NET - 12	SET - 2
2	ISS - 1	
3	ICWAI - 1	

### 7.Library

(a) Total Number of Books	:	60879
(b) Total Number of Journals	:	111
(c) Total Number of Periodicals	:	39
(d) Numer of titles added during the year:		12110

### 8.Grants Received From

(a) State Government	:	5,40,50,554
(b) Central Government	:	10,50,000
(c) University Grant Commission:		48,18,706
(d) Others - Specify		

### 9.Projects Undertaken

(a) Minor Research Projects	:	11
(b) Major Research Projects	:	3

### 10.Seminars Conducted

(a) State Level	:	19
(b) National Level	:	5
(c) International Level	:	2

### 11. Seminars attended by Faculty (Name wise –with details)

#### In other institutions

#### (a) State Level

- Dr. C. Viswanathan**, Department of Hindi, attended Seminar on *Decentralisation* at KILA, Govt. of Kerala, Thrissur, on October 24, 2011
- Dr. Julia Emmanuel**, Department of Hindi, attended NSS Training programme at Rajagiri College from 26 Sept. to 1 October 2011.
- Smt. Rageena Joseph**, Department of Physics, attended 2 days *Curriculum workshop in Physics* held at MG university at Kottayam, during 11-12 Aug 2011
- Sri Aloysius Sabu N**, Department of Physics, attended 2 days *Curriculum workshop in Physics* held at MG university at Kottayam, during 11-12 Aug 2011
- Dr. Thomas Varghese**, Department of Physics, participated in the state level UGC sponsored “*Workshop on Electronic Instrumentation*”, Morning Star College, Angamali, 21 July, 2011.
- Sunny Joseph**, Department of Physics, participated in the state level UGC sponsored “*Workshop on Electronic Instrumentation*”, Morning Star College, Angamali, 21 July, 2011.
- Ansy P.S.**, department of Botany attended Two-day State-level workshop on *CBCSS Botany Curriculum Review*, on 21<sup>st</sup> & 22<sup>nd</sup>, July, 2011 at Mahatma Gandhi University, Kottayam.
- Dr. Gigi K. Joseph**, department of Zoology attended Seminar on *Biodiversity at Risk- An Indian Perspective* during 28 & 29 Sep 2011.
- Dr. Gigi K. Joseph**, department of Zoology attended UGC sponsored workshop on *Modern Biological Techniques and Bioinformatics –with special reference to restructured syllabus* during 11-12 & 13 August 2011
- Anu Anto**, department of Zoology attended Workshop, Value @ Amrita, Workshop on *Virtual Labs*, 24<sup>th</sup> Sept, 2011
- Anu Anto**, department of Zoology attended Workshop on *Modern Biological Techniques & Bioinformatics –with special reference to restructured syllabus* during 11-12 & 13 August 2011
- Mary P C**, department of Zoology attended on *CBCSS Zoology Curriculum Review for zoology Teachers* Conducted by M G University
- Dr.Mathachan Pathiyil**, department of Statistics Participated in the curriculum restructuring workshop for M.Sc. Statistics by M.G. University at St. Thomas College Pala on 12-14 December 2011
- Dr.Johnny Scaria**, Department of Statistics Participated in the curriculum restructuring workshop for M.Sc. Statistics by M.G. University at St. Thomas College Pala on 12-14 December 2011

- **Prof. Thomas Lazar** Department of Commerce participated the two day **CBCSS curriculum Review workshop for commerce teachers** held at CMS college Kottayam 14-09-2011 to 15-09-2011
- **Prof. K.M George** Department of Commerce participated in three day workshop on **designing Post Graduate programme in Commerce under credit & semester system** on 12-14 December 2011 at S.B college Changanacherry organized by MGU.
- **Sri. Majo V. Kuriakose** Department of Chemistry participated Two day Curriculum review workshop conducted by M.G. University Kottayam on 20-21 June 2011.
- **Smt. Mercyamma Jacob** Department of Chemistry participated Two day Curriculum review workshop conducted by M.G. University Kottayam on 20-21 June 2011.
- **Jenni K Alex**, Department of Economics participated One Day Curriculum Review Workshop conducted by M.G. University Kottayam on 8<sup>th</sup> August, 2011.
- **Emmanuel Thomas**, Department of Economics participated One Day Curriculum Review Workshop conducted by M.G. University Kottayam on 8<sup>th</sup> August, 2011.
- **J Georgi Neernal**, Department of Economics participated One Day Curriculum Review Workshop conducted by M.G. University Kottayam on 8<sup>th</sup> August, 2011.
- **Jenni K Alex**, Department of Economics participated three day Life Skill Education “Training for Trainers” conducted by Kerala State Aids Control Society at Maria Rani Training Centre, Trivandrum on 23-25 Sept. 2011.

(b) National Level

- **Dr. C. Viswanathan**, department of Hindi attended National Seminar on “**Open and Distance Learning in General and its impact on Kerala in particular**” at IGNOU Reginal Centre Trivandrum on August 5 and 6, 2011
- **Prof. Susan Varghese**, department of Physics participated in the two day national seminar on **Energy and Environment** at BCM College Kottayam, during 16-17 June 2011.
- **Dr. Shaju Thomas**, Department of Zoology attended National Level workshop on **Alternative to the use of Animals in Life Science Education**, 25-26, Nov 2011, Stella Maris College, Chennai
- **Dr. Gigi K. Joseph**, Department of Zoology attended **Modern Trends in Biodiversity Conservation**, Devamatha College, Kuravilangad during 18 & 19 August 2011
- **Dilmol Varghese**, Department of Zoology attended seminar on **Threats to Biodiversity**, at Sacred Heart College Chalakudy in collaboration with River Research centre Thrissur on 13-14 October 2011
- **Leena John.**, Department of Botany attended two-day UGC –Sponsored National Seminar on **Biodiversity and Conservation**, organized by the Department of Botany, St. Joseph’s College, Irinjalakuda.
- **Dr. Sr Tessa Joseph**, Department of Botany attended Two day UGC sponsored National Conference on **Biodiversity and Bioprospecting with Reference to Plants and Microbes** on 8<sup>th</sup> and 9<sup>th</sup> Dec. 2011 organized department of Botany St. Albert’s College Ernakulam.
- **Jose Augustine**, department of English attended National level . Conference on **American Studies**. St. Thomas College Palai. July 27,28, 2011.
- **Nibu Thomson**, department of English attended National level . Conference on **American Studies**. St. Thomas College Palai. July 27,28, 2011
- **J Georgi Neernal**, department of Economics attended six days National Workshop “Econometrics” conducted by Indian Econometric Society at St. Theresa’s College, EKM on 1-6 March, 2011
- **Jenni K Alex**, department of Economics attended six days National Workshop “Econometrics” conducted by Indian Econometric Society at St. Theresa’s College, EKM on 1-6 March, 2011

- **Emmanuel Thomas**, department of Economics attended three days National Seminar The Emerging Trends in the Capital Market in India conducted by St. Paul's College, EKM, on 20-21 Oct. 2011.
- **Mr. Sherin Mathew G.**, Department of Computer Science participated in the National Conference "Computing & Communication" at School of Computer Science, MG U, Kottayam on 26, 27 May 2011
- **Ms. Smitha M**, Department of Computer Science participated in the National Workshop "Workshop on LaTeX" at FISAT Angamaly on 22/07/2011
- **Ms. Jiss Kuruvilla**, Department of Computer Science participated in the National Workshop "Workshop on LaTeX" at FISAT Angamaly on 22/07/2011

(c) International Level

- **Dr. Shaju Thomas** , Dept. of Zoology attended **Colorado Conference on Earth System Governance** ,17-20 May, 2011 Colorado State University, Colorado , USA
- **Dr. Johny Scaria and Dr.Seetha Lekshmi,V.** , department of Statistics attended **XXXI Annual convention of ISPS and International conference on Statistics , Probability and related areas** on 19-22 December 2011 organized by Dept. of Statistics CUSAT Cochin in association with MOSPI, Govt . of India and UGC

**12. Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

Sl.No	Name of the Faculty	Name of Journal	Citation Index	Impact factor
1	Sunny Joseph	International Journal of Nanotechnology	428	1.329
2	Johny Scaria	Quality and Reliability Engineering International	580	0.429

**a. Books**

**Hindi**

- **Dr. Suja C.**, published **Uthat Aupaniveshik Vimarsh aur Hindi Kavitha**, Adhar Prakashan Hariyana, 2011.
- **Dr. Suja C.**, published **Kavitha Ka Varthaman**, Vani Prakashan, New Delhi, 2011.

**Physics**

- **Thomas Varghese**, **Nanotechnology: An introduction to synthesis, properties and applications of Nanomaterials**, ISBN: 978-81-269-1638-2, Atlantic Publishers, New Delhi, (2011)

**Chemistry**

Name of Book	Name of faculty	Publisher	Dates
PET-SWNT Nanocomposites through Melt Compounding Preparation and crystallisation characteristics	Prof. Dr. Thomas Francis, Prof. Lissamma Joseph, Dr. Marthakutty Joseph	NARP	November 2011

**Botany**

12. **Seminar Proceedings-State Level Workshop on Mushroom cultivation** October 8<sup>th</sup> & 9<sup>th</sup> 2010. Chief Editor Dr. Sr. Tessy Joseph. Co-Editors Ms. Ansy P.S., Ms. Philomina T.V. and Ms. Rani John. Published by Principal Nirma la College Muvattupuzha.



### Zoology

- **Shaju Thomas, Gigi K. Joseph et. al . Environmental Biology, Toxicology & Disaster Management –The fundamentals for Undergraduate Students** .2011, Published by Greenleaf Publications, Kottayam, Kerala
- **Shaju Thomas and Sajan Jose K.** 2011. *Meliponiculture- A Hand Book for Farmers.* Published by the Authors

#### b. Book Chapters

### Physics

- Anu Tresa Sunny, **Sunny Joseph**, Thresiamma George, Sabu Thomas, and Suresh Mathew in ‘Polymers for Advanced Nanomaterials: Synthesis Properties and Applications’ (ed. Amar Singh) (2011) Ch. 14, pp. 307-364, Studium Press, New Delhi.
- **Thomas Varghese**, Sukirtha and **Sunny Joseph**, Biosensors Based on nanomaterials, Studium Press (India), New Delhi (2011) (In Press)

#### c. Articles

### English

- **Rani Mathew** . Revision as Medium, *Science and Society*. Vol.9 (2), July- Dec 2011

### Physics

- Suprabha T., **Sunny Joseph** and Suresh Mathew in Nanotitania for photocatalytic applications: Encyclopedia of Semiconductor Nanotechnology (ed. Ahmed Umar), American Scientific Publishers, California, (2011) V. 5, pp 1-33.
- Thresiamma George, **Sunny Joseph**, Anu Tresa Sunny and Suresh Mathew, ‘Visible-light photocatalytic activities of  $\alpha$ -AgVO<sub>3</sub> nanorods and BiVO<sub>4</sub> nanobars’, International Journal of Nanotechnology, (2011) V.8, Nos.10/11/12, pp. 963-978.
- **Sunny Joseph**, Anu Tresa Sunny, Thresiamma George, Rajan Jose, Thomas Varghese, K.C. George and Suresh Mathew ‘Soft Chemical Synthesis and Structural Characterisation of Nanophase Zinc Orthophosphate: Effect of Mn<sup>2+</sup> on its Photoluminescence’, Proceedings of NANOSTECH 2011, Science and Society, (2011) 9/2, 219-226

### Botany

6. **Sr. Tessy Joseph et al**, “Delicious recipies of Mushroom” published in proceedings of state level workshop on Mushroom Cultivation.
7. **Sr.Tessy Joseph et. al.** “Mushroom cultivation” published in proceedings of State Level Workshop on Mushroom Cultivation.

### Zoology

- **Shaju Thomas.** 2011, “Linking Natural and Social Sciences for Earth System Governance– A Case Study from the Western Ghats, India” *Web. Proceedings -Colorado Conference on Earth System Governance: crossing boundaries and building bridges*, Colorado State University, USA: 17-20<sup>th</sup> May 2011
- **Gigi K. Joseph**, 2011, Feeding Ecology of Lion tailed macaque (*Macaca silenus*) in Silent Valley National Park, Kerala, India, *Science and Society* 9 (1).2011.
- **Shaju Thomas and Sajan K. Jose**, Stingless beekeeping in Kerala. *Proceedings of the National Seminar on Harmful/Beneficial Insects of Agricultural Importance*, 17-18 Feb.2011, PG and Research Dept. of Zoology, St. Joseph’s College, Devagiri College, Calicut, Kerala

### Statistics

- **Johny Scaria and Biju Thomas** (2011).Concomitants of order statistics from Bivariate Cambanis Family. *Science & Society* 9(1).
- **Gijo, E. V and Johny Scaria** (2011). ‘Application of Taguchi method to optimize the characteristics of green sand in a foundry’, *International Journal of Business Excellence*, 4(2), 191-200.
- **Gijo, E. V and Johny Scaria** (2011).Application of Six sigma Methodology to reduce Defects of a grinding process. *Quality and Reliability Engineering International*. DOI; 10.1002/qre.1212.

### **Economics**

- Emmanuel Thomas (2011), Adult Mortality in Indian States, Southern Economist, pp. 34-38.

### **d. Paper Presentations**

### **Malayalam**

- **Sr. Biji MP**, paper presentation on *Straina Mudrakalude Veendeduppu* in the seminar Organized by Students Christian Movement Kerala Region at UC College Aluva on 18-12-2011

### **Botany**

- **Leena John** presented a paper on “*Palynological Studies on the South Indian Onagraceae*” in a Two-day UGC-Sponsored National Seminar on Biodiversity and Conservation, organized by the Department of Botany, St. Joseph’s College, Irinjalakuda.
- **Leena John** presented a paper on “*Palynology – an overview*” in the International Seminar on Cell and Molecular Biology, organized by the Department of Botany, Nirmala College, Muvattupuzha on 16 to 17<sup>th</sup> December 2011.
- **Dr. Sr. Tessa Joseph** presented a paper on “*Antidiarrheal activity of the leaf of Barringtonia Acutangula Barringtonia*” in the International Seminar on Cell and Molecular Biology, organized by the Department of Botany, Nirmala College, Muvattupuzha on 16 to 17<sup>th</sup> December 2011.
- **Dr. Sr. Tessa Joseph** presented a paper on “*Mushrooms for healthy and wealthy life*” in a Two day UGC sponsored National Conference on Biodiversity and Bioprospecting with reference to Plants and Microbes on 8<sup>th</sup> and 9<sup>th</sup> Dec.2011 organized department of Botany, St. Albert’s College Ernakulam.

### **Zoology**

- **Dr. Shaju Thomas**. “Linking natural science and social science for earth system governance”, Colorado Conference on Earth System Governance, 17-20 May, 2011 Colorado State University, Colorado , USA
- **Dr. Shaju Thomas** , Man and Nature -Inspire Internship Talk. Organised by Nirmala College, Muvattupuzha, November 29 to December 3, 2011.
- **Dr. Gigi K. Joseph**, *Lion-tailed macaque (Macaca silenus) as a flagship species for the biodiversity conservation efforts in Silent valley National park, Kerala State level Seminar on Biodiversity at Risk- An Indian Perspective* organized by Bharta Mata College Thrikkakara, Kochi. during 28 &29 Sep 2011
- **Dr. Gigi K. Joseph**, *Solid Waste Management*. UGC sponsored workshop on Modern Biological Techniques and Bioinformatics –with special reference to restructured syllabus organised by The Department of Zoology, Baselius College, Kottayam during 11-12 &13 August 2011
- **Dr. Gigi K. Joseph**, *Modern Trends in Biodiversity Conservation- A Case study from Periyar Tiger Reserve, Kerala*, organised by Dept of Zoology, Devamatha College, Kuravilangad during 18 &19 August 2011.

### **Statistics**

- **Dr. Johnny Scaria**: *Concomitants of Records from Bivariate Cambanis Family*, XXXI Annual convention of ISPS and International conference on Statistics , Probability and related areas on 19-22 December 2011 organized by Dept. of Statistics CUSAT Cochin in association with MOSPI, Govt . of India and UGC
- **Dr. Seetha Lekshmi V**: *On Generalized Poisson Processes* XXXI Annual convention of ISPS and International conference on Statistics , Probability and related areas on 19-22 December 2011 organized by Dept. of Statistics CUSAT Cochin in association with MOSPI, Govt . of India and UGC

### **Commerce**

- **Dr. Gireesh Kumar G.S** presented a paper on *Internet Banking –Global trends and India’s experience* at St. Gits Institute of management on National seminar on banking and finance on 12-11-2011.
- **Dr. Gireesh Kumar** presented a paper on *Topic Global financial crisis-How India weathered the storm* at National Seminar in Christ College Bangalore on 29-11-2011.

### **Physical Education**

- **Santhosh J.** presented a paper on *Effect of selected core power, Iron yoga practices on strength, flexibility and vital capacity among football players* at national conference organised by St Aloysius college Edathua on 15 to 17<sup>th</sup> Dec 2011.

### **13. Research Highlights of Faculty/Scholars (A Short Discription)**

Ph.D. awarded for faculty: 2

Ph.D. thesis submitted : 2

### **14. Academic Achievements (A Short Discription)**

- One faculty member namely Majo V. Kuraikose elected to Senate M.G. University
- Two faculty members, namely, Dr. Shaju Thomas and Dr. Ramani Ammal A were nominated to the P.G. Board of Studies Chairman/ Chairperson in Zoology and Hindi respectively.
- Ms. Ramani Ammal A., Faculty member, dept. of Hindi has awarded Ph.D. from Mahatma Gandhi University.
- Ms. Suby Baby, faculty member, dept. of Commerce has awarded Ph.D. from Mahatma Gandhi University.
- Dr. V.C. James, Dept. of Hindi was the National Coach for the India Shooting team in Germany, May 2011.
- UGC Travel Grant to Dr. Shaju Thomas, Faculty member of Zoology to attend an International Conference.
- Prof. N. Joy, Principal was got selection to the Advisory Board of NSS of Mahatma Gandhi University
- Dr. Gireesh Kumar G.S- Article titled “Impact of Recession on bank Merger Valuation” was selected as one of the most 10 Popular articles by Social Science Research Network (SSRN).
  - regular monitoring of attendance

### **Details of seminars/Workshops/Conferences organized by the Departments**

#### ***Department of Hindi***

Invited lecture on *Transmission of values through literature* on 30/09/2011 by Dr. Vanaja K, Cochin University of Science and Technology.

#### ***Department of Malayalam***

1. State level seminar on *Sustainable Construction* by Padmasree G Shankar on 2-11-2011
2. State level seminar on *Ezhuthinte Vazhikal* by N. Prabhakaran on 08-12-2011

#### ***Department of Physics***

1. The dept of Physics conducted a “*National Symposium on Nanoscience and Technology-NANOSTECH 2011*”, during 1-2 Sept.
2. **INSPIRE INTERNSHIP** programme organized by the college from 29 Nov- 3<sup>rd</sup> Dec 2011 with the assistance of Dept. of Science & Technology, Govt. of India for attracting young talents to study Basic Science. The programme was inaugurated by Padmabooshan Prof. Yashpal former UGC chairman. Padmabooshan Prof. Madhav Gadgil also participated in the programme.
3. Prof. Joe Jacob, Dept. of physics, Newman College, Thodupuzha, delivered a lecture on ‘*Radio Astronomy*’ on 18/8/2011 .
4. Prof. Babu Joseph (former VC, CUSAT), delivered a lecture on “*Introduction to quantum Mechanics*” on 30-09- 2011 as part of *Golden Lecture Series*.

**Department of Chemistry**

Sl.No	Seminar/ Lecture	Topic	Resource person	Date
1.	One day seminar	Nano Technology	Dr. Thresiamma George	14/7/2011
2.	Endowment Lecture	Isolobal concept	Prof. Dr. M. Padmanabhan	12/11/2011
3.	Seminar	Significance of International year of Chemistry	Prof. C.P. Aravindakshan	1/12/2011
4	Seminar	Inspiration from the life of Madam Curie.	Prof. S. Shivadas	2/12/2011

**Department of Botany**

1. Two-day International Seminar on Cell and Molecular Biology conducted on 16 and 17<sup>th</sup> December 2011.

Sl. No.	Resource Person/Institution	Topic
1	Dr. Elena Ivanova-University of Geneva Switzerland.	Alu RNP modulated protein synthesis in eukaryotes by affecting 48S initiation complex formation.
2	Dr. Szydlowski N, University of Geneva Switzerland.	Starch granule initiation in Arabidopsis.
3	Alexis Jourdain, University of Geneva Switzerland.	Dual-targeting of the stress protein FASTK to cytosol & mitochondria.
4	Svetlana Boycheva, University of Geneva Switzerland.	PDX1.1 and PDX1.3 genes, involved in the biosynthesis of vitamin B6 have similar but not redundant function.
5	Sebastien Gentina, University of Geneva Switzerland.	Nematode and the application in the study of anoxia.
6	Dr. Joerg Morf, University of Geneva Switzerland.	Application of high-through put sequencing to the study of a circadian RNA-binding protein.
7	Kim Schneider, University of Geneva Switzerland.	Rhythmic gene expression
8	Dr. Shirly George Panicker, Loyola College, Chennai.	Primary Congenital glaucoma a Childhood Blinding Disease- the Indian Scenario.
9	Mr. Swaroop S. Kumar, UniBiosys Biotech Research Labs, Cochin	Introduction to Bioinformatics and Introduction to Biological Databases

**Department of Zoology**

Topic	National/State	Resource persons	Date
International Year of Forests	State	Dr. Priyadarshan D.R, ATREE, Bangalore	11-07-2011

Nanostech (UGC, DST, KSCSTE)	National	Prof. Ramachandran Thekkadath, VC, CUSAT et al.,	1-09-2011 to 2-09-2011
Inspire Internship (DST)	National	Padmabhusan Prof. Yashpal, Padmabhusan Madhav Gadgil et al.,	29-11-2011 to 03-12-2011
Responsible Tourism- Conservation and Economics (World Challenge, Dept. of Tourism, Kerala) (in collaboration with Dept. of Economics)	International	Hon. Min. Forest Sri B. Ganeshkumar, Prof. Dr. Rajan Gurukkal V.C, M.G. University, Adam Dickinson (World Challenge) et al.,	5-12-2011 to 7-12-11

**Department of Statistics**

Conducted 2 day workshop on **Basic Computer Awareness and Internet** for women SHG during the first week of December, 2011.

**Department of Economics**

Topic	Level	Resource Persons	Date
Local Self Governance: Fiscal and Service Delivery Dimensions	National	Prof. M A Oommen <i>Emeritus Prof., ISS, New Delhi</i> , Prof. D Narayana, <i>CDS, TVM</i> , Prof. Pinaki Chakraborty, <i>NIPFP, New Delhi</i> , Dr. K Gayithri, <i>ISEC, Bangalore</i> , Dr. Devendra Babu, <i>ISEC, Bangalore</i> , Dr. Jose Sebastian, <i>Gulati Institute of Finance and Taxation, TVM</i>	5-6 Nov., 2011
Responsible Tourism: Current Perspectives in Conservation & Economics (in collaboration with Dept. of Zoology)	International	Prof. P M Rajan Gurukkal, <i>Vice Chancellor, MGU, Kottayam</i> . Mark Brough, <i>Bristol, UK</i> , Sanjayakumar IFS, <i>Dy. Director, Periyar Tiger Reserve, Thekkady</i> . Prof. Francis Xavier, <i>Kerala Veterinary and Animal Sciences University, Mannuthy, Thrissur</i> , Adam Dickinson, <i>Expedition Leader, 'World Challenge' Australia</i> , Cheryl Anne Linford, <i>Institution Leader, 'World Challenge', Australia</i>	5-7 Dec., 2011
5 Day Workshop on Econometric Methods	College	Dr. Vinish Kathuria, <i>Faculty, IIT-Bombay</i> Dr. Rajesh Raj SN, <i>Faculty, CMDR, Dharward</i>	24-28 Nov., 2011

**Department of Commerce**

1. **Personality development and motivation** class organized jointly by Malayala Manorama & ICWAI cochin chapter and department of commerce, inaugurated by Shanker P Panicker (Chairman, ICWAI). The resource persons were M.E.S Menon & Anil Xavier, M.D., Cochin Stock exchange, on 18-06-2011.
2. **Career awareness programme** for B.Com students. Talk delivered by Mr. Vinay Sood, Newsland on Career awareness in higher education and Mrs. HariPriya Vijay on career opportunities and services on 13-07-2011.
3. Seminar by the Institute of Company Secretaries of India on 19-07-2011.
4. Conducted **Entrepreneurship Awareness Campaign** by KIED inaugurated by Smt. V. K Beenakumari (Executive Director, KIED) & Talk delivered by Prof. K.M.H Ekbal on 24-08-2011.
5. Organized **personality development programme** for B.Com Vocational by Mr. Ginto Mathew (Race Solutions Pvt. Ltd. Ernakulam) on 24-08-2011.

**Department of Computer Science**

Topic	National/State Level	Resource Person	Date
Orientation Program for I BCA	College	Mr. Sooraj Abraham, Chief Trainer, Career. Com, Aluva	3/08/11
Orientation Program for I MCA	College	Mr. Sooraj Abraham, Chief Trainer, Career. Com, Aluva	18/08/11 & 19/08/11

**15. Student Achievements - Academic (A Short Discription)  
University result March 2011**

Subject	Distinction	I Class	% of pass	Rank
M.Sc. Statistics	6	8	100	I,III
M.Sc. Chemistry		7	70	
M.Sc. Zoology		9	75	
M.A. Economics	1	9	82.35	II
M.Com.	3	11	100	II
M.A. Hindi		12	80	
M.A. Malayalam	1	11	84.61	I
MCA	3	23	59.09	
BCA	1	33	54	
B.Sc. Mathematics	18	15	95.74	III
B.Sc. Physics	5	14	87.88	III
B.Sc. Physics (Voc.)	3	11	70	
B.Sc. Chemistry	10	15	91.16	
B.Sc. Botany	2	16	100	
B.Sc. Zoology	2	20	96.77	
B. A. Economics		16	100	
B.Com.		46	81.53	
B.Com (Voc.)		29	91.6	
B. A. Hindi		6	95.83	
B. A. Malayalam	2	16	100	III
B. A Comm. English		18	97.14	III

**16. Students Activities/ Achievements –(Extra Curricular)**

**(a) National Cadet Crops**

- Organised National Integration Camp conducted by 18 (K) Bn NCC Muvattupuzha, Kottayam Grp HQs was hosted in Nirmala College during 23<sup>rd</sup> Dec., 2011 to 3<sup>rd</sup> January, 2012. 660 cadets attended the camp. Union minister of Home Affairs, Prof. K. V. Thomas inaugurated the camp. Sri P. J. Joseph, Hon. Minister for Irrigation, Kerala state inaugurated the closing ceremony on 2/01/2012.
- Inauguration of the project – Youth for Nation Building – launched by Nirmala College NCC unit 30/06/82011.

- Abraham Kochikunnel of BCA got selected to YEP ( Youth Exchange Program) CADET to represent India at Singapore.
- Seven students attended National Integration Camp
- 47 qualified 'B' Certificate and 20 students qualified 'C' Certificate examination
- A seminar on Anti Drug Drive was organised on 18/07/2011 by NCC unit in corportation with the Central Excise Department. Resource persons were Adv. Charlie Paul and Lt. Col. Madhusudhanan G. CO of 18 (K) Bn NCC.
- A cultural event "Jazz 2011" was organised by the Nirmala college NCC unit on 13 December, 2011. Lt. Col. Rakesh Sinha, CO, 18(K) Bn NCC Bn Muvattupuzha was the chief guest.

**(b) National Service Scheme**

***Free Tuition: East High School Muvattupuzha***

As part of the free tuition programme, NSS volunteers of Nirmala College Muvattupuzha gave an orientation class to the students of East High School, Muvattupuzha on 27<sup>th</sup> September 2011. The volunteers conducted classes on Study skills, speaking skills, soft skills, observation skills and various higher education opportunities.

□ ***Aids Day***

The N.S.S unit Nirmala College Muvattupuzha conducted the AIDS day celebration as part of the World AIDS day on 1 December 2011. Prof. N. Joy, Principal, gave the anti-AIDS message. Pamphlets on anti-AIDS were distributed among the volunteers and anti-AIDS day pledge was taken. The pamphlets were also distributed among all students in the college.

□ ***Medical Camp***

National service scheme Nirmala College, Muvattupuzha conducted a one day medical camp on 11<sup>th</sup> December 2011 for the categories E.N.T, Eye and Ortho. A group of 20 doctors and Assistants from MOSC Medical College Kolenchery attended the patients. Five hundred people from the neighbourhood community attended the camp and benefited from it.

**(c) Arts Festivals**

College conducted various Intra and inter departmental competitions like carol song, flower carpet, onampattu, oppana, short story writing, poem writing, pencil drawing, water colour, two wheeler fancy dress, light music, instrumental music, drama etc. Toppers were selected for participating in university youth festival. Interdepartmental debate competition was also conducted. Inter collegiate commerce fest (Deus Vult) was also conducted.

**(d) Sports and games**

Dept of physical education organized and conducted various competitions and training programmes for the students of the college and for others along with our prestigious intercollegiate football championship (49<sup>th</sup> Msgr Thomas Nedumkallel Memorial) and Prof George Paul Memorial Intercollegiate Volley Ball Tournament during the year 2011-12. The department arranged training for football, volleyball, handball, basketball, cricket, best physique, chess and athletics. Our football team came out victorious and the handball team secured runner up position in M G University championships.

- Eleven students are selected to the University Foot ball and Hand ball teams.
- Open course in Physical education started.
- ***Foot ball*** - Inter S A I (south zone) Winner, M G University Winner.
- ***Hand ball***- M G University Runner up.
- ***Volley ball*** -M G University (North zone) Fourth Position.
- *Sports Teams* Participated in M G Uty competitions-Badminton, Basket ball, Cricket, Best Physique, Chess and Athletics.
- Outstanding sports students are provided boarding and lodging(35 students)
- Keeping the students identification and progress report up to date.
- Continue the extension centres of S A I and Sports Council.
- UGC sanctioned Rs. Seventy Lakhs for the construction of sports indoor stadium and Rs. Five Lakhs for the purchase of sports equipments

**17.Industry Varsity Linkage (If any, Short Discription)**

- **Dept. of Commerce** – Collaborated with Industries Department, Govt. of Kerala (ED Club), ICWAI Cochin chapter for conducting Foundation and intermediate courses in ICWAI examination
- **Dept. of Botany** – collaborated with Department of Botany, University of Pune and organised an International seminar on Cell and Molecular Biology.

**18. Academic Tie-Ups ( if any )**

- **Rev. Dr. Vincent Joseph** - International Collaboration with Herman Gundert Foundation Stuttgart Germany
- **Dr. Shaju Thomas**- 1) International collaboration for Conservation Education, Environmental Ethics and Sustainable Development- with Prof. John Cairns, Virginia Tech. USA. International Institute for Scientific & Academic Collaboration, (IISAC) Inc. New Jersey, USA.  
2) National Center for Biological Research (NCBS) Bangalore, IHDP- Earth System Governance, Lund University, Asia-Pacific Network for Global Change Research (APN)
- **Dept. of Economics** – Collaborated with Gulati Institute of Finance and Taxation, Thiruvananthapuram to organise a National Seminar on Local Self Governance: Fiscal and Service Delivery Dimensions.
- **Dept. of Economics and Zoology** - Collaborated with ‘World Challenge’ UK, District Tourism Promotion Council and Kerala Tourism Development Corporation to organise an International Conference on Responsible Tourism.

**19. Student Progression**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

Anilakumari T. Indian Statistical Service 2011

Rahul Sunny ICWAI 2011

**20. Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
	US Technology	28	35	3	5
	Wipro	1	1	1	
	EXL	41	60	5	2
	Keltron	5	4	Result awaited	
	HP	2	0	1	0
	Robosoft Udappi	1	0	1	0
	Peridian Techonlogies Pvt. Ltd. Trivandrum	11	16	0	1

**21. Number of PhD's Produced , if your college is an approved Research Centre Ph.D. awarded from the Research Centres: 3**

**22. Research Scholars Registered in the College, if your college is an approved Research Centre Research Centre in Commerce**

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	Geetha C A	A study on tax planning measures adopted by the salaried class in kerala	Dr.Simon G Thattil
2	Mini Joseph	Policy changes and its impact on demand and supply of bank credit	Dr.Simon G Thattil
3	Antony Joseph	A study on customer relationship mangement in commercial banks in India	Dr.Simon G Thattil
4	Pradeep Kumar N	Prospects for the growth of mutual fund industry - an emperical study in investment partners abd priorities	Dr.Simon G Thattil



5	Aravind J	Bank assurance - A study on oppertunities and threat.	Dr.Simon G Thattil
6	Francis C T	Qulaity wide and employee performance - a study based on private sector	Dr.Simon G Thattil
7	Deepa T S	Women Entrepreneurship and economic empowerment - An evaluation study on MSME sector in Kerala	Dr.Simon G Thattil
8	Abraham George	Envirnmental analysis and growth of small and medium enterprises in Kerala	Dr.Simon G Thattil
9	Boby Simon	Financial sector reforms and its imacts on the banking industry	Dr.Simon G Thattil
10	Roy Mathew Vettoor	The roel of self help group in rural empowerment - a study with special reference to Kerala	Dr. Gireesh Kumar G S
11	G Gangadathan Nair	An analytical study on stress management among bank employees in Kerala	Dr. Gireesh Kumar G S
12	Raju V P	Influence of techonologyin banking - a customer centric study with special reference to Kerala	Dr. Gireesh Kumar G S
13	R Sethu Ravi	A study on the effectiveness of turn around management strategies in India Railway with special reference to SouthernRailways	Dr. Gireesh Kumar G S
14	Ajimon George	A study on Internet Banking with special reference ti selected banks in Kerala	Dr. Gireesh Kumar G S
15	Santhosh C	A study on the performance of BPO industries in Kerala	Dr. Gireesh Kumar G S
16	Mohanan U S	Managing quality in the contract of marketing of hospitality services in Kerala	Dr K G Jose
17	Davis K A	Non - performing asset management under the changed India senario - a comparative study of public and private sector	Dr K G Jose
18	Murali E	People development and participation in tourism	Dr K G Jose
19	Thomas V J	Role of micro finance in Economic development of the poor	Dr K G Jose
20	George P L	Performance, preospects and problems of the co-operative marketing societies in Kerala	Dr K G Jose
21	Sujatha M	Helath tourism with reference to Kerala	Dr K G Jose
22	Bindu Menon M P	A study on job satisfaction among school teachers in Kerala	Dr K G Jose
23	Rajesh M G	Job satisfaction in information techonology industry - a study with special reference to South India	Dr K P Saraswathy Amma

**Research Centre in Malayalam**

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	Smitha A S.		Dr.Lissy Joseph
2	Shaju Varghese		Dr.Lissy Joseph
3	Bennichen Skaria	Poontham kavitha Christea dharsanathinte paschathalathil	Dr.Lissy Joseph
4	Manju V.S.	Utharathunika Bhavya Katham - Malayala cherukathayil	Dr.Lissy Joseph
5	Seema Joseph	Llife and artistic traditions of Kurumbar nad Mudugar in Palakkad district	Dr.Seelia Thomas P.
6	T.J.Joseph	A critical and comparative study of drama - criticism in malayalam with special reference to C.J. Thomas, N. Krishnapillai and N.M. Pillai	Dr.Seelia Thomas P.
7	Shabu C.Varghese	Post colonial perspectives in the films of Addor Gopalakrishnan - A study	Dr.Seelia Thomas P.
8	Navoor Pareeth	P. Kuniraman Nair de Krithikalle vyakarana thanthram	Dr.Seelia Thomas P.
9	Ajith E.K.	Vyakaran thalungal VKN vowelukalil	Dr.Seelia Thomas P.
10	Manju T.V.		Dr.Jose George
11	Sonia George	Attapadiyile Athivasykalude gothra vaidhya parambaryam	Dr.Jose George
12	Biji M P	Sthryum admiyadhayum Beneenja kavithakalil	Dr.Jose George
13	Simi P.Sukumar		Dr.Joshy Varghese
14	Beesa P.Bhaskar		Dr.Joshy Varghese
15	Deepthi V.S.	Influence of Ganhiji on Malayalam poetry	Dr.Joshy Varghese
16	Jayanthi G.	T. V. Kochubhavayude Kathalogam	Dr.Beenamma Mathew
17	Lalimol S.	Changassery kavile mudiyettu	Dr.Beenamma Mathew
18	Asha Mathai	Portrayal of Tribal life in P. Valsals novel	Dr.Beenamma Mathew
19	Soumya K. Augustine	The society of Kerala as reflected in autobiographical writings	Dr.Beenamma Mathew
20	Rekha K.	A thunba chithra kalayilum, kavithayilum prakadamakunna samanathakal	Dr.Beenamma Mathew
21	Praveen K.R.	Nalacharithum adakatha: attaprakaram, arangu - oru chinha vinjanja paripresham	Dr.Beenamma Mathew
22	Chithra Mohanan	Tradition in Madampu Kunjikuttans novel	Dr.Beenamma Mathew
23	Fr.Baiju Varghese	Influence of Bible in the works of K.P. Appan	Dr.Beenamma Mathew
24	Sunitha K.	Keralathile bhagavathi shetrangal devisangalpavum anushtanam	
25	Asha C.K.		

**Research Centre in Hindi**

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	Shibu N.	Bhairav Prasad Gupt ke upanyasom mein samajik chetana	Dr. James George
2	Shibi A. V.		Dr. James George
3	Honeymol M.R.	Hindi natakan ki rangaman - Chitaa: ek vishlsshan	Dr. James George
4	Tes Jose	Usha prijanvada ke katha - sahitya mein stri swatva talash	Dr. James George
5	Cibymole Abraham	Chitra Mudagal ke katha sahitya mein manavxy sansahti	Dr. James George
6	Dhanya V. Dev		Dr. Viswanathan C.
7	Ciji Jacob	Sanjiv ke upanyasom mein janvadi chetna	Dr. Viswanathan C.
8	Rigi Paulose	Nasira sharma ka katha sahitya : Ek vishleshan	Dr. Viswanathan C.
9	Anju E.M.	Stri vimarsh ke sandarbh mein maitreyi pushpa ke upanyas	Dr. Viswanathan C.
10	Suresh A.	Nirmal varma ke katha	Dr. Viswanathan C.
11	Cini P.K.	Dalit - kahaniyon ka saunarya shatra : Ek adhyayan	Dr. Viswanathan C.
12	Ambily M.V.	Rgiri Raj Kishor ke upanyas ek vishleshan	Dr. Suja C.
13	Resmi M.N.	Chandrakant devatale ki kavitha on mein sanskritik sankat	Dr. Suja C.
14	Bhanumathy N.V.	Arun Kamal ki kavitha on mein manaviy sansakti	Dr. Suja C.

**Research Centre in Statistics**

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	Jose Joseph M.	Geriatric problems in Kerala - A Statistical analysis	Dr. Johny Scaria
2	Gijo E. V.	Buisness process improvement in India industries through statistical techniques	Dr. Johny Scaria
3	Biju Thomas	Concomitants of order statistics from Bivariate generatired margenstera and companies family	Dr. Johny Scaria

**23. List of Research Guides in your College (With e-mail and website)**

Sl.No.	Name	Department	Email
1	Dr. Simon G Thattil	Commerce	
2	Dr. Gireesh Kumar G S	Commerce	gireeshkartha@yahoo.com
3	Dr K G Jose	Commerce	
4	Dr K P Saraswathy Amma	Commerce	
5	Dr. James Mathew	Commerce	jamesmathewk@gmail.com
6	Dr. Lissy Joseph	Malayalam	
7	Dr. Seelia Thomas P.	Malayalam	

8	Dr. Jose George	Malayalam	
9	Dr. Joshy Varghese	Malayalam	
10	Dr. Beenamma Mathew	Malayalam	
11	Rev. Dr. Thomas Periyapuram	Malayalam	
12	Dr. James George	Hindi	james.george.ned@gmail.com
13	Dr. Viswanathan C.	Hindi	drcviswanathan@gmail.com
14	Dr. Suja C.	Hindi	dr.sujac@gmail.com
15	Dr. Johny Scaria	Statistics	johny.kakkattil@gmail.com
16	Dr. T.M. Jacob	Statistics	tmjacob@gmail.com
17	Dr. Seethalakshmi V.	Statistics	seethalakshmi@gmail.com
18	Dr. Shaju Thomas	Zoology	drshaju@gmail.com
19	Dr. Thomas Varghese	Physics	ptvarghese07@yahoo.co.in
20	Dr. Sankara Raman S	Physics	drssraman@gmail.com
21	Dr. Lovely Mathew P.	Chemistry	
22	Dr. Dominic Jacob E.	Chemistry	
23	Dr. K.J. John	Chemistry	

## RAJAGIRI COLLEGE OF SOCIAL SCIENCES, KALAMASSERY

<b>1</b>	<b>Name of the College</b> (with e-mail & website)	:	RAJAGIRI COLLEGE OF SOCIAL SCIENCES, KALAMASSERY E-mail I D - <a href="mailto:admin@rajagiri.edu">admin@rajagiri.edu</a> Web site - <a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
<b>2</b>	<b>Name of the Principal</b>	:	<b>Joseph I. Injodey</b>

### 3. Staff Profile

	Men	Women	Scheduled Caste		Scheduled Tribe		Total
Teaching ( Aided)	17 Nos (Aided)	3 No (Aided)	0	0	0	0	20
Teaching ( Unaided)	6 Nos (Unaided)	13 Nos (Unaided)	0	0	0	0	19
Non Teaching ( Aided)	3 Nos (Aided)	2 Nos (Aided)	0	0	0	0	5
Non Teaching ( Unaided)	29 Nos (Unaided)	9 Nos (Unaided)	0	0	0	0	38

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Appear ed		Passed	
	M	W		M	W		M	W		M	W		
B S W (Unaided)	12	25	MBA (Aided)	34	25								

			MBA (Unaided)	35	24									
			MHRM (Aided)	16	23									
			M S W (Aided)	8	22									
			MC A (Unaided)	15	30									
			B L I Sc (Unaided)	5	9									
			P G D A H S (Aided)	3	2									

### 5. Student Intake

Intake, those Appeared in the Examination and passed M-Men, W-Women

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
					MBA (Aided)	34	25												
					MBA (Unaided)	35	24												
					MHRM (Aided)	16	23												
					M S W	8	22												
					P G D A H S	Awaiting													
					B L I S c	Awaiting													
					M C A	Awaiting													
					B S W	7	23												

### 6. Details of Tests cleared by Students

Sl.No.	National Level	State Level	
1	MAT ( 90 %)		

### 7. Library

(a) Total Number of Books	13597 + 26175 = 39772
(b) Total Number of Journals	69 + 100 = 169
(c) Total Number of Periodicals	84 + 71 = 155
(d) Number of titles added during the year	524

### 8. Grants Received from

- State Government : NA
- Central Government :
- University Grant Commission:
- Others – Specify:

### 9. Projects Undertaken.

No	Name	Title of Project	Sponsor
1	Dr. Mary Venus Joseph	Domestic Violence	UGC Major Research Project
2	Dr. Sr. Lizy P.J.	A study on the Relevance of Non – formal Pre-school education imparted through Anganwadi Centre of ICDS Projects with special emphasis on Ernakulam District.	UGC Minor Research Project: 2011
3	Fr. Saju M.D.	Impact of Family Social Work Intervention on the Holistic Development of the Children	UGC Minor Research
4	Anish K.R.	A Comparative Study on the Effectiveness of Onsite Trainings and Centralised Training Programmes for TI Project Personnel	Kerala State AIDS Control Society & State Training Resource Center, Kerala & LD 2011
A Study on Capacity Building Needs of Newly Recruited Community ORWs Promoted From PE Level working in TI Projects of KSACS		KSACS & STRC, Kerala & LD 2011	
A Study on Staff Turnover Patterns and Factors Contributing to Staff Turn over in Targetted Intervention Projects of KSACS		KSACS & STRC, Kerala & LD2011	
5	Kiran Thampi	Organizational Practices of NGOs in Ernakulam	UGC Minor Research
6	Dr. Sr. Sunirose	A study on the impact of family violence on children with special reference to Ernakulam city	UGC Minor Research

### 10 Seminars conducted

- *State Level*

(χ) State Level Consultation Meet on Quality Enhancement in Social Work Education was held on Wednesday, 30<sup>th</sup> November 2011. This was jointly organised by Department of Social work, Rajagiri College of Social Sciences, Kalamassery (IQAC) & Association of Schools of Social work in Kerala (ASSK). 20 faculty members from various colleges in Kerala participated in the Meet.

- Curriculum workshop on “**Designing MSW Programme Under Credit Semester System**”

(workshop for the social work colleges under M.G. University) was held on Thursday, 1<sup>st</sup>, December, 2011 at Rajagiri College. This workshop was organised by The Board of Studies in Social Work, Mahatma Gandhi University. 13 faculty members from various colleges under Mahatma Gandhi University participated in the workshop.

#### b) *National Level*

- DYUTI National conference on “Family Competence for Social Development: Emerging paradigms in Social Work Practice” was held from 12<sup>th</sup> to 14<sup>th</sup> January 2012

#### c) *International Level*

- Dyuti 2010 International Conference on “Social Work & Environmental Justice” organised by Department of Social Work, Rajagiri College of Social Sciences from 6<sup>th</sup> to 9<sup>th</sup> January 2011. National and international delegates participated in the conference. There were both plenary as well as concurrent sessions in which eminent resource persons presented their papers

### 10. Seminars Conducted by Faculty (Name wise – with details)

#### a) State Level

An MDP program on the topic, ‘Salesmanship beyond Customer Delight’ was held from June 14-15, 2011 for Coir Board. There were a total of thirty four participants for the program and five faculty members; Prof. K. Tharu Benny, Prof. George Kuriyan, Prof. Joji Alex, Prof. Manoj Menon and Prof. Vinod R.R. initiated the training program.

An MDP program on the topic, ‘Challenges in managing a business to Success’ was held from November 29-30, 2011 for Amcon Pavers & Projects Ltd. A team of nine executives participated for the program from Amcon Pavers & Projects Ltd. Four faculty members; Prof. K. Tharu Benny, Prof. George Kuriyan, Prof. Neetha J. Eappen and Prof. Vinod RR initiated the training program.

**Prof. Vinod R.R.;**

Training for a 2 day programme titled 'Salesmanship-Beyond Customer Delight' for Providence Exim (India) Pvt. Ltd. at Rajagiri Centre for Business Studies from May 5-6, 2011.

**Prof. Susan Mathew;**

Mastering Telephonic Interviews for Connect Plus Pvt. Ltd. On 2 January, 2009.

**Prof. Simon Jacob C.;**

Preparation of HR Manual for International Shipping Bureau, Dubai.(Consultancy)

**Prof. Shelly Jose;**

Training programme on "Change Management" for IOC Dealers in August 2009.

**Prof. Manoj Menon;**

Training programme for teachers of Chavara Darshan Public School on the topic "Healthy Self Concept". Training programme for teachers of Silver Hills Public School on the topic "Multiple Intelligence". Training programme for teachers of Vidyodaya School on the topic "Activity Based Learning". Training programme for teachers of Sahrdaya College of Engineering and Technology on the topic "Transactional Analysis and Conflict Resolution". Training programme for employees of Chayowo Games, a company in Infopark, Kochi on the topic "Assertiveness for Managers".

**Dr. Binoy Joseph;**

Training program on 'Certified Interviewers Programme' given to Sr. Hr & Project Mgrs. Of Mahindra Satyam, Hyderabad from Jan 18-19, 2011. Training conducted on 'Developing Project Management Competencies' for Sr. Mgrs. of Bank Muscat in Oman from Nov 28-29, 2010 & From Jan 17-19, 2011.

**Prof. Ann Baby;**

Faculty – Trainer for the MDP "Decision Making Skills" for Dubai Port World on January, 2009.

**Prof. Harish B.;**

Sales conference speaker for Nice chemicals, Cochin 2009. Business Strategy workshop for Sterling Printers, Cochin 2009.

**Prof. George Joseph C.;**

Session on "Database management system" for MBA students, at School of Management Studies, cochin university for science and technology (CUSAT), Kochi, January - February 2010. Talk on "Analysis and design of computer algorithms" for B. Tech students at School of Engineering, Cochin University for Science and Technology (CUSAT), Cochin, March 2009.

**Dr. Anilkumar K;**

Training of senior level health staff in Lisie Hospital, Cochin and Sree Chitra Institute of Medical Sciences and Technology, Trivandrum. Training on Research Methodology for research scholars.

b) National level

c) International level

**Dr. Joji Alex;**

Organized an International Conference in Strategic Management on Jan.10, 2011.

**Prof. Dhanya Alex;**

Organized an International Conference in Financial Sector 'Emerging Trends & Challenges in 21<sup>st</sup> Century' at RCBS Cochin on Feb 1, 2011. Organized a national conference on 'Emerging trends in capital Market' in RCBS on 21 November, 2009.

**12. Publications by the Faculty with Impact factor of the Publications (A short Description) :**

**Harish B.**, article, 'Has shopping become complicated' in Point of Purchase magazine Issue, February 2011.

**Ann Baby**, "Differential Dissection of random forests and neural networks in financial forecasting of S&P 500", National Conference Proceedings, UGC Sponsored National Conference on Soft Computing, January 2010. 'Financial prediction of s & p 500 stock indices: a modified approach using neural networks and random forests", National Conference Proceedings, AICTE Sponsored National Conference on Advanced Computing, January 2010. "ANALYTICAL STUDY OF THE relevance OF NEURAL NETWORKS AND RANDOM FORESTS IN FORECASTING STOCKS", Conference proceedings, October 2010.

**Binoy Joseph**, 'Global Economic Crisis & labor-Need for broadening the boundaries & Frontiers of Labor Laws' in Rajagiri Journal of Social Development for December 2010 Issue.

**Dr. Rosemary Varghese**, Article titled, 'English proficiency: Expectations at the Corporate Level' in proceedings of the 5<sup>th</sup> national conference at SRM university in March, 2011. .1 Another article, "The New Dimensions of Employability: A Profile of the University Graduate from Kerala", published in the journal; New frontiers in Education; Vol 34, Number 3, Issue 2004 October-December, ISSN: 0972-1231. A paper on, 'Communication Ability: Does the B-school Graduate match Corporate Expectations?' published in the Conference Proceedings, Management Communication-Trends & Strategies, IIM (A); Tata Mcgraw Hill 2007; ISBN 0-07-062173-X. Another paper on, 'English Proficiency: Expectations at the Corporate Level' published in the Conference Proceedings, Enhancement & Excellence in English for Employability and Empowerment, SRM University; March 2010, ISBN 978-81-908397-4-7.

**Jose Varghese**, 'Effect of listening on Future Interactions' conference proceedings of ATHENAEUM 2011- 5<sup>th</sup> International conference on Management Research at BIM.

**Dr. Minimol M.C.**, Rural Women Empowerment initiative through Self help group (SGH) 'book published by VDM publishing house, February 2011. IPR for ensuring competitiveness in Indian MSME sector: Challenges and opportunities, South Asian Business Review (SABRE), Vol. II, June 2009. 'Corporate governance in India-International best practices for Urban Cooperative banks, Corporate Governance: Millennium Challenges', February 2009.

**Neetha J. Eappen**, 'Customer Defection: An investigation of lost customers' published in the conference proceedings of 4<sup>th</sup> Great Lakes Marketing conference held at Chennai from 23-24 December, 2010.

**Susan Mathew**, "Economic Growth without Environmental Destruction – Translating Myth into Mechanism" published in the conference proceedings at Greeniverse- The national conference on Environment at DC School of Management and technology.

**Vinod R.R.**, "Economic Growth without Environmental Destruction – Translating Myth into Mechanism" published in the conference proceedings at Greeniverse- The national conference on Environment at DC School of Management and technology.

**Anand S.**, 'Financial market Efficiency: An empirical Analysis of Indian stock Market', M.Phil Thesis, JNU, 2009. Structural Changes in India's stock market's efficiency in Munich personal, 2009. Stock market's reaction to monetary policy announcements in India in Munich personal in 2009. Does seasonality persists in Indian stock markets? In Munich personal, 2009. Is grass greener on the other side? A glimpse of the worker camps in UAE in Munich Personal, 2009. Behavior of the Indian Market – A Study on market efficiency, book published by VDM Verlag Muller Publishing house in 2011.

**George Joseph**, 'The New Dimensions of Employability: A Profile of the University Graduate of Kerala', New Frontiers in Education, ISSN: 0972-1231", Vol XXXIV No. 3.

□ **Dr. Joji Alex**,

1. Turnover Intentions: Perspectives of IT Professionals in Kerala, The IUP Journal of Organizational Behavior, George A P and Joji Alex N, Jan -March 2011, ISSN: 0972-687X.



2. Consumer Evaluations of Product Line Brand Extension, The IUP Journal of Brand Management ,Joji Alex N, March 2011, ISSN: 0972-9097.
3. Does Credit Card Usage Enhance Defaults Among Compulsive Buyers? Joji Alex N and P.T. Raveendran Indian Journal of marketing, ISSN: 0973-8703, June 2011.
4. Are shoppers compulsive buyers? Erudian- The Albertain Journal of management, July 2009, ISSN-
5. Does mobile advertising create a bang? Asia pacific journal of marketing and retail management, Oct 2011,ISSN-
6. 'Leadership Style of School Head Masters & its influence on the organizational commitment of subordinate teachers: a study among school teachers in Kerala' in GBAMS Vishwa, Vol3, No2, Jul-Dec 2011, ISSN: 0974 – 6374.

- Dr. Sr.** "Family Dynamics of People Living with HIV/AIDS"  
**Lizy P.J** *The Indian Journal of Social Work*, 72 (1), 137 – 148, January, 2011, Tata Institute of Social Sciences, Mumbai.
- Dr. Sr.** **Book Review in** Rajagiri Journal of Social Development - Rameshwari  
**Lizy P.J** Pandya, ed., 2011, New Delhi, Concept Publishing Company, Spectrum of Lifelong Education, ISBN 13: 978 – 81 – 8069 – 744 - 9, Hard Cover, pages: xxvi+310 **Book Review in** Rajagiri Journal of Social Development (Vol.3,Nos1&2,December 2011) - Sustainable Food Security – by P.K Jain,B.S Hansra, K.S Chakraborty and Jayashree M.Kurup (eds.),2010,New Delhi, Mittal Publications, ISBN 81-8324-356-8.pp.xxii+401

### 13. Research Highlights of Faculty/Scholars (A short Description)

The College is a recognized research center for Social Work, Sociology and allied Social Sciences & Management. There is a research Institute for the college which Designs and Implements International & National sponsored Research Studies & Action Research Projects, Surveys, Research methodology Courses, Documentation and Publication of the research studies/programmes, Organizes Training/Workshops for enhancing efficient conduct of social welfare programmes .The College gives emphasis on faculty as well as student research. The College has excellent Library & Computer center which adds to the research activities .12 scholars have been awarded PhD From the Rajagiri center of doctoral studies and 6 scholars have submitted their PhD thesis. 7 Faculty members have been awarded PhD and 3 faculty members have been awarded Mphil. 3 Faculty Members have been Submitted their PhD. Thesis and awaiting their Open defense Viva. Around 119 Papers have been published by the faculty members in International & National Journals /Conference Proceedings.

The college actively involves in providing consultancy services in different sectors. The faculty members of the college have earned reputation as researchers, trainers and consultants for many esteemed international/national/state/district agencies. The numbers of linkages established by the college live labs are diversified in nature. The College gives special emphasis on faculty development and has strong policies towards the development of faculty in consultancy. The College also follows a consultancy policy of 60:40 ratio, in which 60% of the consultancy charges can be taken by the consultant faculty member.

Two NSS Units & Three YRC Units functioning in the college. The student Members take part in various activities of the NSS & YRC like Rural Sensitization Camp, Orientation & annual Camps, Participation in training programmes, Blood donation camp etc... Rajagiri has the unique contribution to its credit of introducing the concept of live-labs in linking the theory and practice of applied sciences like Social Work and Management. The various Live labs of the college help the society & the Local community by their different awareness programmes & CSR & Other Projects.

- **Fr. Saju M.D. – Doctoral Research Project under Mahatma Gandhi University - Impact of Family Social Work intervention on the holistic Development of Children**

**Fr. Joseph M.K. - Doctoral Research Project under Mahatma Gandhi University - Village Milk Co-operatives in Kerala (Ph.D- synopsis submitted**

**14. Academic Achievements (A short description)**

- **Fr. Saju M.D. was selected as the Best NSS Programme Officer** by Mahatma Gandhi University during 2011

**15. Student Achievements – Academic ( A short description)**

**16. Students Activities /Achievements (Extras curricular)**

- a) National Cadet Corps : No N C C
- b) National Service Scheme

**BRIEF REPORT OF THE NSS REGULAR AND SPECIAL CAMPING ACTIVITIES FOR THE YEAR 2010-2011**

The activities of NSS unit during the academic year 2010-11 are as follows.

- **NSS Orientation for Newly Enrolled Volunteers** was conducted under the leadership of the NSS programme officers in August 2010. All newly enrolled volunteers participated in the programme and Volunteer Secretary of the unit handled one session. The topics covered are: Basics of NSS, Special Camping Programme and Regular Activities, Campus Community Partnership, National Service Scheme and Social Work, and Role of NSS Volunteers in Community Development etc.
  - **SPECIAL CAMP:** Parivarthan 10 – special camp for the NSS volunteers from MSW,BSW,MCA & BLisc students of Rajagiri College were held at Vattavada, near Munnar from August 16 to 22, 2010. Fr. Saju, NSS Programme officer was the camp Director and coordinated all the activities which include toilet construction for the tribal people, socio economic survey, special camps for children and house visits.
  - **Environment Day Celebrations:** On 4th June 2010, the NSS volunteers of Rajagiri College of Social Sciences (NSS unit) as part of Environment Day planted trees in Rotary Karmakendra. On 5th June 2010 the NSS volunteers of RCSS attended a rally conducted by K.C.Y.M (World Environment Day) at 10am till 11am at St. Marys Basilica.
  - **Alzheimer’s Day celebrations:** On 17<sup>th</sup> September 3<sup>rd</sup> year NSS volunteers organized and conducted street plays and distributed leaflets to the public in associating with ARDSI in four various venues Edapally, Kaloor, Kalamassery HMT and Kalamassery South regarding Alzheimer’s Related disorders and what the society can do in this regard. They participated in the “Memory Walk” organized as part of “Alzheimer’s day” by ARDSI, Ernakulam.
  - On 9th December 2010 ,1st year NSS Volunteers conducted a workshop on ” Environmental Disaster”. Key person for the session was Mr.Kochubaby Manjooran, Deputy Manager of BPCL Cochin. Sessions included theme introduction, key speaker’s presentation, recitation of famous Malayalam poem “Paka”-written by Murugan Kattakada and a street play on environmental issues.
  - The NSS Volunteers of Rajagiri College conducted a half day session named ‘Harithatheeram’ on the topics Environment & Lifestyle on 14th December 2010. The program began with a rally stressing the importance of eco friendly living and social justice.
  - **Suchitwa Bodhana Yatra:** The NSS unit of Rajagiri College of Social Sciences and Mithradam collaboratively organised the *Suchitwa Bodhana Yatra* - Cleanliness Awareness rally on Friday, 14th January 2011 which was started from Edapally Chamgampuzha Park. Throughout the campaign, the volunteers conducted several programmes including Street plays, songs etc., following with raising of slogans which could sensitise the general public.
- c) Arts Festivals
  - d) Sports
  - e) Games

**17. Industry Varsity Linkage (If any, short description)**

**18. Academic Tie-ups (if any)**

Agreement between University of Applied Sciences, Western Switzerland and Rajagiri International School for Education and Research (RISER) was signed on Monday, 23<sup>rd</sup> January 2012. Signatories were Dr. Chantal Ostorero, Director General, Department of Education (Youth and Culture), Board of Higher Education, Vaud, Switzerland and Dr. Antony Kariyil, Director, RISER. As per the agreement,

two MSW first year students will get the opportunity to participate in the 10 days Summer University held at Switzerland, organised by University of Applied Sciences.

### 19 Student Progression

(eg. Former student cleared civil service, joined MIT, Post doctoral fellowships)

### 20. Campus Recruitment (if any)

Sl. #	Name of the Company	COURSE WISE STUDENTS SELECTED			
		MBA	PGDM	MHRM	RISER
1	Asian Paints	2			
2	TCS		1	3	
3	Future Group	7	1	1	
4	Vodafone	2	2		
5	Kancor	1	2		
6	Havells	4	3		
7	Arbitron India			1	
8	Axis Bank	11	5		
9	South Indian Bank		1		
10	IBS	4	3		
11	ICICI Bank	22	6		
12	Synthite	1			
13	Berger Paints	1	1		
14	Kerala Dairy Development Board ( Off Campus)		1		
15	Deloitte		7		2
16	James Cook University, Australia ( Off Campus )				1
17	Ernest & Young		1		
18	Kitco Ltd	1		1	1
19	IDBI Bank	6	5		1
20	Amara Raja ( Media)			1	
21	Malayala Manorama	2	3		
22	Zafin Software	2	2		
23	Pepsico	2			
24	MTS	3			
25	Carborandum Universal Ltd		1	2	
26	CII		2		
27	Aditya Birla Group			1	
28	Canara Bank	12			
29	Indusind Bank	1			
30	Idea Cellular		1		
31	Suyati Technologies		1	1	
32	Indian Overseas Bank	5			
33	Federal Bank	2			
34	Vodafone (Off Campus)			1	

35	SD Projects Developers Pvt. Ltd (Off Campus)				1	
36	Green Pepper Consulting (Off Campus)				1	
37	PRICOL Ltd (Off Campus)			1		
38	Usha International (Off Campus)			1		
39	Flytxt (Off Campus)			1		
40	IPIX (Off Campus)			1		
	Total		91	53	14	5
	M S W	93%				
	M C A	83%				
	P G D A H S	75%				
	B L I Sc	98%				

**21. Number of Ph.D's Produced if your college is an approved Research Centre : (List attached)**

Name of scholar	Name of guide	Topic	Discipline	Year awarded
Sheeja Remani B. Karalam	Dr. Mary Venus Joseph	Psychosocial well-being of adolescent girls: impact of social work intervention strategies with mothers of adolescent girls	Social work	2011
Paul Norvy	Dr. Celine Sunny	Development - Induced Displacement and Social Disarticulation of the Displaced people of Kerala with Special Reference to Kochi International Airport	Sociology	2011
Shobana G	Dr. Mukunda Das	Stress Management & Leadership styles of Executives - A study of the Corporate Sector"	Management	2011

**22. Research Scholars Registered in the College, if your college is an approved Research Centre**

Sl. No.	Name of Research scholar	Title	Name of guide	
1	Francina P.X.	Empowerment of Women Field Animators of Government and Non Governmental organizations (a comparative study with special reference to Alappuzha District, Kerala State	Dr. Mary Venus Joseph	2011

**23. List of Research Guides in your College (with e mail and website)**

Sl.No.	Name of Research Guide	E-mail ID	Website
1	Dr. Joseph I. Injodey	<a href="mailto:principal@rajagiri.edu">principal@rajagiri.edu</a>	<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
2	Dr. Anilkumar K.	<a href="mailto:anilkumar@rajagiri.edu">anilkumar@rajagiri.edu</a>	<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
3	Dr. Mary Venus		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
4	Dr. Celine Sunny		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
5	Dr. Mukunda Das		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
6	Fr. Jose Alex		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
7	Fr. Varghese		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
8	Sr. Kochuthresia		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
9	Dr. James Thomas Kunnanat		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
10	Dr. Mathew Manimala		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
11	Dr. Lizy James		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
12	Dr. Udaya Mahadevan		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
13	Dr. K.S. Chandrasekharan		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
14	Dr. M.H. Salim		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
15	Fr. Antony Kariyil		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
16	Dr. Jose Kuriedath		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
17	Dr. Celine K. Scaria		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
18	Dr. S.P. Ravikumar		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>
19	Dr. K.K. George		<a href="http://www.rajagiri.edu">www.rajagiri.edu</a>

## SNM College, Maliankara

**1.Name of the College** : SNM College, Maliankara  
 (With e-mail and website) : [snmcm@yahoo.com](mailto:snmcm@yahoo.com) ,  
 : [www.snmasm.org](http://www.snmasm.org)

**2.Name of the Principal** : Prof. T. P. Kairali

### 3.Staff Profile

	Men	Women	Scheduled Caste	Schedule d Tribe	Total
<b>Teaching</b>	23	27	nil	nil	50
<b>Non Teaching</b>	21	09	nil	nil	30

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BA	28	88	MA	05	14	NA					
BSc.	94	206	MSc.	06	64						
BCom.	33	37									

### 5.Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		P. h. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BA	42	71	14	54	MA	0	17	0	11	NA									
BSc	34	85	19	68	MSc.	02	53	01	29										
BCom.	22	42	11	29	NA														

### 6.Details of Tests cleared by Students

Sl.No	National Level	State Level
1	Harikrishnan P, NET in Chemistry	Smitha Bhaskar, SET
2	Geethu T Jayanthan, NET in Chemistry	Jisna C. V, SET
3	Krishnapriya, NET in Chemistry	
4	Manu K. B, NET in Physics	
5	Krishna V. M, CTET	

### 7. Library

- a) Total number of books : 567  
 b) Total number of journals : 40  
 c) Total number of periodicals : 62  
 d) Number of titles added during the year: 466

### 8. Grants received

a) State government

Rs.25000 was granted for a two day orientation programme on 'Methodology course on business studies was organized by IQAC of our college sponsored by Kerala state Higher Education council. Thiruvananthapuram on 25<sup>th</sup> and 26<sup>th</sup> August 2011 at our seminar hall. – Dr.Beena T Abraham, IQAC coordinator

b) Central government

Rs.15000/- was granted for national Science day celebrations organized by Science For and Sponsored by Kerala state Council for Science Technology and Environment and supported by Department of Science and Technology, Govt. of India (Sri.P.Rishi Kumar, Convener, Science Forum)

c) UGC

Funds received from UGC is Listed below

Head	Amount
Women's hostel	27,50,000
Minor research project(V.N Madhusudhanan)	26000
Sports Equipment	2,50,000
Net/Coaching	3,80,000
P.G grant (Mathematics)	6,40,000
Minor research Project (Dr.K.K Thampi	1,25,000
Net resource centre Library	1,02,000
Seminar Chemistry( Final Instalment	21,875
Additional development grant	12,50,000
FIP substitute salary –Smt. Simi M.S	1,00,000
FIP substitute salary- Ruby M.D	1,00,000

d) Others – PTA has granted Rs. 5000 each for conducting seminars to various departments.They have contributed Rs. 2.3 Lakhs for the renovation of Seminar hall.

### 9. Research Projects

Faculty	Department	Funding agency	Topic	Present status
Dr.M.G.Bhuvaneshwary	Chemistry	UGC	Modification of Elastomers by nano spinel salts	Sanctioned
Dr.Sleema	Chemistry	UGC	Physio-chemical characterization and analysis of hydrographic parameters well water, borewell, watertap water and riverwater of vadakkekara Panchayat in Ernakulam district, Kerala	On going
Dr K KThampi	Mathematics	UGC	Stochastic analysis of insurance risk models	On going
Dr.M.G.Remeshbabu	Zoology	UGC	Physio-chemical characterization and analysis of hydrographic parameters well water, borewell, watertap water and river water of vadakkekara Panchayat in Ernakulam district, Kerala	On going
Dr.Ajithan Menoth	Economics	UGC	Impact of globalization on the social dimension of traditional handloom industry in Ernakulam District-A study with special reference to Chendamangalamkaithary	On-going

### 10. Total number of State Level Seminars /Workshops conducted During 2011 January 1<sup>st</sup> - 31<sup>st</sup> December

This year we have conducted 23 seminars as part of knowledge updating of faculty and students. The college management and PTA joined hands to encourage the conduct of these programmes . All faculty members are actively participating in the monthly staff meeting which is also instrumented in improving the quality of the faculty.

Department	Topic	Date	Year
Mathematics	1.Seminar on fun Mathematics	10 <sup>th</sup> July	2011
	2. One day seminar on domination in graphs	14 <sup>th</sup> Jan	2011
Physics	1.One day seminar on "WHAT AILS INDIAN SCIENCE"	30 <sup>th</sup> September	2011
	2. One day seminar on Digital electronics	18 Jan	2011
Chemistry	1. Seminar on 'Spectroscopy-Current trends'	10 <sup>th</sup> august	2011
	2.Workshop on 'Hardware and networking'	15 <sup>th</sup> September	2011
	3.Two days lecturer series on 'Group theory'	8 <sup>th</sup> & 9 <sup>th</sup> Dec	2011
	4. Endowment seminar on 'Environmental chemistry'	17 <sup>th</sup> December	2011
	5. Seminar on 'Chemistry in Every day life' - for public	4 <sup>th</sup> Jan	2011
	6. Workshop on 'Chemicals in daily life' for Higher Secondary students	21 <sup>st</sup> March	2011
Malayalam	1. Technical aspects of "Ottamthullal"	20 <sup>th</sup> August	2011
	2. Seminar on Ottamthullal-Dr isyasaahithyam	3 <sup>rd</sup> Jan	2011
Botany	1.Seminar on "Biodiversity of Western Ghat	12 <sup>th</sup> September	2011
	2.One day work shop on Mushroom cultivation	16 <sup>th</sup> October	2011
Zoology	1.Seminar on 'Pelagic fisheries'	13 <sup>th</sup> Jan	2011
	2.Seminar on "Arctic Expedition –An overview'	3 <sup>rd</sup> September	2011
Economics	1.Job opportunities for Economic students	12 <sup>th</sup> December	2011
	2.Seminar on current political affairs in India		
Commerce	1. A one day seminar on accounting practices	13 <sup>th</sup> Jan	2011
	2.A one day seminar on Project work	23 <sup>rd</sup> August	2011
	3..A one day seminar on accounting practices	21 <sup>st</sup> December	2011
English	1.Seminar on "Leadership skills	10 <sup>th</sup> July	2011
	2.a two day seminar on Multimedia based programme on listening and speaking	13 <sup>th</sup> October	2011

### 11. Seminars conducted by faculty - State level

1. A two day orientation programme on 'Methodology course on business studies was organized by IQAC of our college sponsored by Kerala state Higher Education council. Thiruvananthapuram on 25<sup>th</sup> and 26<sup>th</sup> August 2011 at our seminar hall. – Dr.Beena T Abraham, IQAC coordinator
2. A fabric painting class was organized on 9<sup>th</sup> January 2011.To promote interest in cooking and to encourage colinary skills among students a food festival was conducted on 10<sup>th</sup> January 2011.On 2<sup>nd</sup> February 2011 an ornamental making class was organized by the women cell of our unit – Smt.T.H Haripriya, Convener, Women's cell
3. Women cell organized a 3 day workshop "Grihasree" for girl students from 17<sup>th</sup> -19<sup>th</sup> December 2011.- Smt.P.K Premavathy, Convener, Women's cell

4. A Seminar on 'facing interviews' was conducted on 2<sup>nd</sup> January 2011- Sri V.S Jainlal, Convener, Career Guidance cell
5. Seminar on 'Chemistry in Every day life'- for public on 4<sup>th</sup> January 2011- Sri V.N Madhusudhanan, Associate professor, Dept. of Chemistry.
6. Workshop on 'Chemicals in daily life' for Higher Secondary students on 21<sup>st</sup> March 2011.- Sri V.N Madhusudhanan, Associate professor, Dept. of Chemistry.
7. Seminar on 'Hazards of environmental pollution-waste management' on December 2011- Sri P.Rishikumar, Convener, Science Forum.
8. Seminar on 'Personality Development and Communication skills' on 17<sup>th</sup> October 2011- Dr.K.K Thampi , Convener, Equal opportunity center.

### 13. Publications of the faculty with impact factor of the publications

Name	Department	Title of the paper	Name of the Journal	Citation index/Impact factor
Dr. K.K.Thampi	Mathematics & Statistics	1)Ruin probabilities on a renewal risk model with constant interest force	Proceedings of ICA	
		2)To appear on a renewal risk model with constant interest force	CSOR	
Dr.Beena.T. Abraham	Chemistry	1.Role of Vibrio S.P.in the biodegradation of LLDPE/PVA blends 2.HDPE-Nano composites	Journal of current studies Journal of Applied Polymer	1.24
Dr.Sleema B	Chemistry	1)Studies on Mn(II), Fe(II), Co(II), Ni(II),CU(II),Zn(II),Cd(II)Hg(II),ZrO(II) and UO(II) of complexes of orthovaniline (II) amino pyridine  2) Anti-microbial studies of hystidine complexes	Journal of current studies  Millinium Zoology	
Dr.M.KJoshi	Chemistry	A natural reinforcement for the development of high performance engineering materials	Journal of Sdcienceand Society	
Dr.M.G Remeshbabu	Zoology	1) Anti-microbial studies of hystidine complexes 2)Physiochemical characteristic of water samples of vadakkekaraPanchayat	Millinium Zoology SB Academic Review	



Dr.P.S Sankaranarayanan	Physical Education	Eight weeks different resistance training modes on big muscle hypertrophy of adolescence 2) Progressive ,fluctuated and regressive resistance training and its impact on lower extremity strength	Journal of Experimental science  Recent research in science and technology	
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### 13. Research highlights of the faculty

1. Collaborative research work by Dr.K.KThampi with Prof. M J Jacob, NIT, Calicut
2. Collaborative research work by Dr. Beena T Abraham with Dr. Eby Thomas Thachil of PS &RT, CUSAT and published research papers in international journals
3. Collaborative research work by Dr M G Bhuvaneshwary with DrEby Thomas Thachil of PS &RT, CUSAT and published research papers in international journals
4. Justin Rebellow Joseph, Jayalakshmi C.S, and Benno Mathew under the guidance of Dr.K.K. Thambi, Dept. of Mathematics and Statistics, S.N.M College, Maliankara

### 14. Academic achievements

Department	Name of faculty	University	Nature	Current status
Physics	Smt.Jeeju P.P	CUSAT	Part -time	On going
Chemistry	Smt.M.G.Bhuvaneshwary	FDP	CUSAT	Awarded
Botany	Sri.K.K Joshi	MG	Part-Time	Awarded
Botany	Sri. C.M Sreejith	MG	Part-Time	On going
Economics	Sri. S.P Sudheer	CUSAT	Part-Time	On going
English	Sri.V.SJainlal	M.G	Part-Time	On going
Physical Education	Sri.P.Ssankaranarayanan	Algappa	FDP	Awarded

Dr.T.HJitha of Malayalam department received 'Vallathol Sahitya Manjari' Award

### 15. Students achievement

This year also the college has secured very good result at M.G University examination both at UG and PG level

The following students of our college qualified NET

The total number of students qualified NET/SLET/GATE etc.-- 5

Chemistry department-2 (Haririshnan P, Geethu T Jayanthan)

Physics- 3 (SmithaBhasker, Gisna C V, Krishna V M

### 16. Students activities- achievements

#### a) National Cadet Corps (NCC)

NCC is a national organization which moulds the younger generation of our country with a sense of unity and discipline.No.4 company S.N.M College, Maliankara headed by Sri.C.M. Sreejith of Botany Department, is associated with 22 Kerala Bn NCC Aluva. We have a strength of 108 cadets and one associate NCC officer (ANO).Our cadets actively participated in various training camps such as ATC/CATC, Army Attachment Camps, Pre RD camps , NIC and National Trekking Camps conducted during the year. Our unit has organized antidrug campaign, blood donation camp and campus tree planting as part of our social activities.

#### b) National Service Scheme (NSS)

NSS is an All India Scheme initiated by the Union ministry of Education for implementing youth services, in colleges affiliated to universities. It promotes social outlook in students and trains them aware of social problems and sets them to serve the society and nation. The programme officers for this academic year 2011-2012 were Sri.K.AAjan and Miss C.A Neelima of Mathematics department. The regular activates of the current year was inaugurated by the principal on 14<sup>th</sup> June 2011. On January 5<sup>th</sup>

an awareness class and a documentary presentation on traffic rules was conducted in college auditorium in collaboration with Janamythry police, Vadakkera unit. On July 19<sup>th</sup> a number of saplings were planted in the college campus in connection with environmental day. An orientation programme was conducted on July 29<sup>th</sup> 2011 by Prof.T.SAjithKuar, former programme officer. A talk on “Vivekananda’s vision was arranged on August 3<sup>rd</sup> and Dr.Lakshmikumari, coordinator Vivekananda vedic vision, Kodungallur inaugurated the function August 15<sup>th</sup> was celebrated as independence day with majesty. A yoga class was organized on August 20<sup>th</sup> and Sri. Sudhakar from Vivekananda Kendra vedic study and research foundation handled the programme. Our NSS unit organized a Pookalam competition on September 2<sup>nd</sup> and the winners were properly rewarded. October 1<sup>st</sup> was observed as the day of older person” by making signature campaign. NSS unit of our college organized a session on “Goal setting –A key to success on November 19<sup>th</sup> 2011. Or unit arranged a self-employment training programme for women on 22<sup>nd</sup> November 2011. During this session Sri.Joseph, self-employment forum coordinator Ernakulam, explained and given training for making soap powder and liquid dish wash .A two day minicamp was conducted on 25<sup>th</sup> and 26<sup>th</sup> November 2011. As part of the camp activities, the students clean the college campus and visited an old age home at Pallipuram and had their lunch together with the inmates. The volunteers performed various cultural programmes for the inmates of the home. World AID day was celebrated on December 1<sup>st</sup> .The unit arranged an orientation programme for NSS Volunteers on December 3<sup>rd</sup> 2011. Sri. KiranThampi Associate Professor of Rajagiri College of Social Work ,Kalamassery, delivered an interesting talk on this occasion. Or unit arranged a self employment training programme for men on 8<sup>th</sup> December 2011. During this session Sri.Joseph, self-employment forum coordinator Ernakulam, explained and given training for making toilet and floor cleaning lotion. The NSS arranged a self-employment programme for the volunteers with financial support from equal opportunity center S.N.M College, Maliankara. The volunteers prepared soap powder liquid dish wash .toilet and floor cleaning lotion under the supervision of the trainer and a sale was organized for the same within the college community. NSS unit of our college conducted a seven day camp in connection with Christmas holidays at HDPY School, Mattuppuram. On January 4<sup>th</sup> 2012 NSS organized a blood donation and blood group detection camp in cooperation with “Regional Transfusion Centre Aluva. On March 8<sup>th</sup> an eye check up and cataract detection camp was arranged at the college.

c) The arts club of our college convened by Dr.K.P Suma conducted competitions on various literal and cultural programmes. The winners were given prizes by the college in the ‘arts day’. The prize winners were participated in the university youth festival.

#### **d) Sports**

The students were grouped into four houses and competitions were conducted housewise. Our college celebrated sports day on 10<sup>th</sup> & 11<sup>th</sup> 2011 and prizes were distributed to the winners.

#### **e) Games**

Our college women volley ball team got gold medal in the Ernakulam District Volleyball Championship and bronze medal in the MG University Intercollegiate Championship. The team also got second place in the Augustine Maveli Memorial All Kerala Intercollegiate Volleyball tournament organized by St. Xavier’s college for women. Raghee M.G got University selection and participated in all India Interuniversity Championship. Salu K.S and Raghee M.P participated in State Youth Women Volleyball Championship.

College women Ball Badminton team had a historical victory in the M.G University Intercollegiate Championship. Renjupriya K.P, Lakshmi K.S, Syamily G.S and Linsha M.L got University selection and participated in All India Interuniversity Championship.

Men Ball Badminton team got silver medal in the M.G University Championship. Amal J, Manesh K.P and Geemon M.G got University selection and they participate in AIIU Championship. We are very proud to say that Amal J , the captain of our college team was selected as M.G University team captain for the AIIU Championship’

Our college Kabadi men team got silver medal in the MG University Intercollegiate Championship. Nimesh C.S, Akhesh C.V, Aneesh Benny and Alkasir were selected as University players and participated in AIIU Championship. Vishnu C,R got state selection and participated in the Kabadi National Championship.



**6.Details of Tests cleared by Students : Nil**

**7.Library**

- (a) Total Number of Books - 23899
- (b) Total Number of Journals - 5
- (c) Total Number of Periodicals - 26
- (d) Numer of titles added during the year - 61

**8.Grants Received From**

- (a) State Government - NIL
- (b) Central Government - NIL
- (c) University Grant Commission - Rs.210000/- + Rs.3500000/-
- (d) Others - Specify - NIL

**9.Projects Undertaken**

- (a) Minor Research Project on Science by Dr.Padma P – CHEMISTRY.
- (b) Minor Research Project on Humanities by Dr.K M Sudhakaran – POLITICAL SCIENCE

**10.Seminars Conducted**

- (a) State Level - NIL
- (b) National Level - MALA YALAM, ENGLISH, HINDI
- (c) International Level

**11. Seminars Conducted by Faculty (Name wise –with details) - NIL**

**12.Publications by the Faculty with Impact factor of the Publications (A Short Discription) – By Dr.POORNIMA R Dept.Of Hindi – A Paper Titled “KEDARNATH KI KAVITHA MEIN PRAKRITHI”**

**13.Research Highlights of Faculty/Scholars (A Short Discription) -**

NIL **14.Academic Achievements (A Short Discription) - NIL**

**15.Student Achievements - Academic (A Short Discription)**

**16.Students Activities/ Achievements –(Extra Curricular)- ARTS, SPORTS, GAMES, N S S.**

- (a) National Cadet Crops
- (b)National Service Scheme
- (c) Arts Festivals
- (d) Sports
- (e) Games

**17.Industry Varsity Linkage (If any, Short Discription) - NIL**

**18.Academic Tie-Ups ( if any ) -**

NIL **19.Student Progression - NIL**

**(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships ) 20.Campus Recruitment ( if any ) - NIL**

**21.Number of PhD’s Produced , if your college is an approved Research Centre - Nil**

**22. Research Scholars Registered in the College, if your college is an approved Research Centre 23.List of Research Guides in your College (With e-mail and website) - NIL**

## ST. PAUL'S COLLEGE, KALAMASSERY

1. Name of the college (with e-mail & website) : **ST. PAUL'S COLLEGE, KALAMASSERY**

E-mail address paulscollege@ymail.com

Website [www.stpauls.ac.in](http://www.stpauls.ac.in)

2. Name of the Principal

: Dr. Edwin Xavier

### 3. Staff Profile

Category	Men	Women	SC	ST	Total
Teaching	21	23	nil	nil	44
Non Teaching	20	3	nil	nil	23

### 4. Courses offered with number of seats

Under Graduate	No. of seats		Post Graduate	No. of seats		M. Phil	No. of seats		P h. D	No. of seats	
	M	W		M	W		M	W		M	W
BA English	40	29	MA English	3	24						
BA Economics	77	73	MA Economics	5	26						
BSc Physics	37	47	MSc Physics	6	19						
BSc Maths	32	53	MSc Maths	1	20						
BSc Chem.	29	29	MSc Chem.	7	34						
BCom	68	88	MCom	10	23						

### 5. Student Intake

Intake, those appeared in the examination and passed									
Under Graduate	appeared		Passed		Post Graduate	appeared		Passed	
	M	W	M	W		M	W	M	W
BA English	14	14	4	9	MA English	0	10	0	1
BA Economics	24	27	16	23	MA Economics	3	13	0	9
BSc Physics	17	13	9	8	MSc Physics	6	7	0	1
BSc Maths	18	23	10	21	MSc Maths	2	7	0	3
BSc Chem.	7	18	5	13	MSc Chem.	10	13	1	5
BCom	22	43	18	38	MCom	5	12	4	10

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

(a) Total Number of Books : 29688

(b) Total Number of Journals : 47

(c) Total Number of Periodicals : 26

(d) No. of titles added during the year : 637

### 8. Grants Received from

(a) State Government : Nil

(b) Central Government : Project on "A study on the impact of globalization on the consumption –saving behavior of households in Kerala with special emphasis on the role of women" by Dr. Sallyamma Job, Dept. of Economics funded by Indian Council of Social Science Research, New Delhi under Ministry of Human Resource Development.

Amount received Rs. 1,60,600/-

(c) University Grants Commission:

1. Addl. Grant in aid : Rs.22, 50,000.00

2. Women's Hostel : Rs.14, 25,000.00

3. Development Assistance : Rs.1, 10,104.00  
 4. Seminars : Rs.4, 31,875.00  
 5. Scholarship SC/ST/OBC : Rs.3, 00,000.00

6. Development of Sports  
 Infrastructure : Rs.2, 00,000.00

7. Minor Research Project : Rs.1, 86,000.00

(d) Others (specify) : Nil

### 9. Projects Undertaken

- (a) UGC sponsored Minor Research Project (Dr. Reena J. Andrews, Dept. of English) on 'Drowning in the mainstream : Strategies to survive & succeed for dyslexic adolescents'  
 (b) UGC sponsored Minor Research Project (Smt. Mary Jelthruth K.V., Dept. of Physics) on 'Development of solar air heaters for the use of domestic purposes and cottage industries using phase change material'  
 (c) "Job fall in nonfarm sectors of Ernakulam District due to Global Recession" (Miniamma K.C, Dept. of Economics)  
 (d) "The Impact of globalization on the consumption-saving behavior of H.H in Kerala with special emphasis on the role of women" (Dr. Sallyamma Job, Dept. of Economics)  
 (e) Minor Research Project "Study on some interconnection networks" (Manju K Menon, Dept. of Maths)

### 10. Seminars Conducted

(a) State Level:

1. Department of English: Topic: 'Literary Movements- An Artistic Perspective' in Feb. 2011  
 2. Department of Malayalam: Topic: 'Natakam: Rachanayum Avatharanavum' - Prof. Chandradasan on 03.03.2011  
 3. Department of Commerce: Topic: 'Prospects in the capital market-India -Growth story' on 15.03.2011

(b) National Level

1. UGC sponsored National Level Seminar on 'Life Style Management @ Fitness .com' organized by the Department of Physical Education from December 15<sup>th</sup> & 16<sup>th</sup> 2011.  
 2. National Seminar on 'Green Perceptions: Ecology & Texts' conducted by Dept. of English  
 3. UGC sponsored National Seminar on 'New Horizons of Physics' by Department of Physics on Aug. 26 & 27, 2011  
 4. UGC sponsored National Seminar on 'Emerging trends in the capital market in India' conducted on 20<sup>th</sup> & 21<sup>st</sup> October 2011 by The Department of Economics.  
 5. National Seminar on 'ALGEBRA- Scope & Applications' on 13.10.2011 & 14.10.2011 by Department of Mathematics

6. Department of Mathematics conducted an invited talk by Prof. Tao Ming Wang, Tungha University, Taiwan on 16.09.2011.

(c) International Level: Nil

### 11. Seminars Conducted by Faculty

(a) State Level: Various Faculty members acted as Resource Persons in Seminars, Workshops etc.

- (1) Prof. Sallyamma Job, ( Dept. of Economics ) Resource Person, Financial Education Programme(FEP) SEBI. Conducted workshops for college students, school children and for homemakers.

(b) National Level: NIL

(c) International Level: NIL

### **Seminars Attended by faculty**

- **Dept of Maths:** Savitha K.S. & Manju K Menon- An International Workshop on “Graph products by Dept. of future studies, Kerala University, TVM- 7-8 Feb.12
- Conference on “Indian women and Mathematics” at IMSc, Chennai on Jan. 8-10, 2012(Pramada Ramachandran)
- “Workshop on Fractals” at RSET, Kakkanad on 17.12.2011(Pramada Ramachandran)
- Regional seminar on “Some issues in data communication, rough sets & application” at St.Teresa’s College, EKM on 25.06.2011 (Valentine D’cruz)
- 20<sup>th</sup> Annual Conference of ADMA on “Graph Theory and Combinatorics” at NIT Calicut, 9-11 June 2011 (dr. Manju K Menon)
- National Conference on “Indian Language Computing” at Dept. of Computer Application, CUSAT (Mary Jelthru K.V., Dept. of Physics)
- National Conference on “Green Computing” at the Dept. of Computer Application, KVM College of Engg. (Mary Jelthru K.V., Dept. of Physics)
- Seminar on “Computing with Phoenix sponsored by IUAC New Delhi on March 28, 2011( James Joseph, Dept. of Physics)

### **12. Publications by the Faculty with Impact factor of the Publications:**

- “Eco centric Dimensions in the poetry of Robinson Jeffers” Ecological Criticism for our times (Dr. Reena J. Andrews, Dept. of English)Ed. Murali Sivaramakrishnan, Delhi: Authors press 2011
- “Madhyavargeey Manasikata ka Samajsastra” (Dr. Beena P.J. Dept. of Hindi)published in ‘Eeksha’ a literary magazine from Bihar.
- Mrs. Tresa Sunitha George communicated a paper to Journal of Applied Polmer Sciences, Wiley
- “Female employment in India- Issues & Challenges” (Dr. Sallyamma Job, HOD, Dept. of Economics) published by DPRP, CUSAT Chapter 6 Edited Book 2011
- “Eco tourism in Kerala’s Tourism Destinations- Some emerging issues in economics of eco tourism” by Mr. Justine George, Dept. of Economics- Paper back:60 pages Published by LAP LAMBERT academic publishers, Germany(September 2011)Book No.33182
- “On the intusionistic Fussy Normed Linear Space  $(R_n, A)$ ”(Maya K, Dept. of Maths) Published by JJFMS(ISSN 2248-9940 Vol.2 No.2(2012)
- “Containers & wide diameter of P3 (G) Mathematica Bohemica” (Manju K Menon, Maths Dept.)

### **13. Research Highlights of Faculty/Scholars:**

- (c) Prof. Victor George (Dept. of Commerce) has attained PhD in Commerce from M.G. University.
- (d) Prof. Asha E Thomas (Dept. of Commerce) has attained PhD in Commerce from M.G. University.
- (e) Prof. Rose Philo is doing research in Applied Chemistry in CUSAT.
- (f) “A study related to covers lattice of fussy topological space” (Regina Margret V.J., Dept. of Mathematics)
- (g) “Connecting intusionistic fuzzy with the real analysis” (Maya K., Dept. of Mathematics)

### **14. Academic Achievements:**

Ph D awarded to (1) Victor George V. M. (Dept. of Commerce)  
(2) Asha E. Thomas (Dept. of Commerce)

Member Board of Studies, UG Programme, M.G. University- Prof. V.C. Antony (Dept. of Economics)

PG Syllabus Restructuring Committee Member for paper XI & XII- Dr. Sallyamma Job (Dept. of Economics)

**15. Student Achievements- Academic:**

Remya K.S. achieved first rank in B.Sc Model II Chemistry Examination.

**16. Students Activities/Achievements-(Extra Curricular)**

**Dept. of Maths:** Students of this dept. actively participated in their Maths club activities which includes debates, power point presentations, discussions, seminars etc. Also the students participated in the seminars and quiz competitions & power point presentations conducted by various colleges and won prizes.

**Dept. of Commerce:** Nidish M.S., II B.Com student secured first prize in Drawing at the Intercollegiate Competition held at TOC-H Engg. College, Arakunnam. 90 students participated in NSS Programme.

**Dept. Chemistry:** In Connection with the International Year of Chemistry, the Dept. organized a Chemistry exhibition and poster designing competition for high school and plus two students. The following schools attended the programme.

- |   |                                 |
|---|---------------------------------|
| 1. Nirmala HSS, Aluva                           | 2. Islamic HSS, Aluva           |
| 3. St. Paul's International School, Kalamassery | 4. Rajagiri HSS, Kalamassery    |
| 5. Islamic Public School, Kalamassery           | 6. Cardinal School, Thrikkakara |
| 7. FACT HS, Udyogamandal                        | 8. Govt. HS, Kalamassery        |
| 9. St. Joseph's GHSS, Thrikkakara               | 10. SNDP HSS, Aluva             |

**(a) National Cadet Crops**

Independence Day celebrated in a befitting manner.

Cadets attended various camps conducted in Kerala and other parts of India. -ATC, Sree Sankara College, Kalady

- Advanced leadership camp, Gujarath
- National Integration Camp, Bihar
- National Integration Camp, Malayattoor

A weapon training camp was conducted in our institution in which 150 cadets from various institutions participated.

**(b) National Service Scheme:** Separate sheet attached

**(c) Arts Festival:**

**(d) Sports:**

Participated in M.G. University Athletics, Football, Cricket, Chess, Badminton, Baseball & Handball

**(e) Games:** - 2 cricket players represented M.G. University Cricket Team  
- Winner of M.G. University Cricket Championship in Feb. 2011

**17. Industry Varsity Linkage (if any)****18. Academic Tie- Ups (if any)**

With CUSAT for the conduct of UGC sponsored national seminars. With HMT School

**19. Student Progression (brief about the past students)**

N. Ramakrishnan IAS, Mohammed Shafi Mather( Managing Director, Mather Group), Joe Peter (Finance Manager, Jeojit) are some of the former students of Commerce Department.

Commerce students have become Chartered Accountants, Cost Accountants, I.T. Sector, Teaching Sector, lawyers, students of MBA, C.A, ICWA etc.

**20. Campus Recruitment (if any)**

Sl.No.	Name of the Firm	No. students Attended		No. students Selected	
		Men	Women	Men	Women
1	South Indian Bank	2	1	2	1
2	Wipro-Wista	7	6	2	1
3	Spices Board	15	20	5	5

**21. Number of PhD's produced :** NIL

**22. Research Scholars Registered in the College :** Nil

**23. List of Research Guides in your college:** Dr. V.J. Peter, dept. of Physics  
petervadassery@yahoo.com



**SUMMARY REPORT OF THE NSS ACITIVITIES FOR THE YEAR 2011-12  
(upto 20.02.2012)**

15.06.2011	Observed World Elder Abuse Awareness Day.
24.06.2011	“maram oru varam”- plantation of trees in the campus programme inaugurated.
25.06.2011	Selected NSS volunteers attended an orientation programme at St.Albert’s college,Ernakulam
02.07.2011	Orientation programme for the new volunteers
16.07.2011	One day programme – ‘beautification of the campus’
23.07.2011	One day Programme introduction of the new comers.
19.08.2011	Distribution of seeds and saplings in the campus.
25.08.2011	Blood group determination camp followed by a class on the importance of blood donation by Dr.Benny chacko (Govt .ayurveda college,tripunithura)
14.09.2011	Conducted An intercollegiate Quiz competition in association with RNTPC Unit,CMC,Cochin.
20.09.2011	Organised a classs on leagal awareness
26.09.2011	Celebrated NSS Day
27.09.2011	Organized an Awareness programme on fever, jaundice etc in the campus as well as in the locality of the college
03.10.2011	Gandhi jayandhi week started with a lecture by Prof george valluaseery on “Gandhiji - oru anusmaranam.”
03.10.2011	Distribution of leaflets regarding awareness of fever,jaundice etc to the HMT school.
03.10.2011	Volunteers attended pre republic parade camp selection meeting
04.10.2011	Observed a ‘clean the campus’ programme as part of the “Gandhijayandhi”week .
07.10.2011	conducted an essay competition for the students on the topic ”Gandhijiyude vibhavanayum adhunikalokavum”.
17.10.2011	Observed World food Day by collecting rice from the staff and students of our college and handed over to a charitable institution
18.10.2011	
30.11.2011	One Day Camp.
01.12.2011	In connection with the world aids day NSS unit conducted a rally spreading the awareness on AIDS to the society and distributed leaflets also.
01.12.2011	Volunteers attended a talk on “AIDS Awareness” .
03.12.2011	Two of our volunteers participated in the NSS Camp conducted at NEUMANN COLLEGE,Thodupuzha.
07.12.2011	NSS unit actively participated in the rally conducted by the college to declare the support for the people who were going on hunger strike in the ‘MULLAPERIYAR ISSUE’
09.12.2011	Three volunteers attended the MG university Intercollegiate 3 Day NSS Camp conducted at M.E.S college, Erumeli.
17.12.2011	One Day Camp (cleaning the premises of ladies hostel and college chapel)
26.12.2011-01.01.2012	Seven Day Special Camp at Govt Higher Secondary school,Kongorpilly.
18.02.2012-20.02.2012	Three Day Camp.

**ST. TERESA’S COLLEGE, ERNAKULAM**

**1. Name of the College** : ST. TERESA’S COLLEGE, ERNAKULAM  
[principal@teresas.ac.in](mailto:principal@teresas.ac.in) & [www.teresas.ac.in](http://www.teresas.ac.in)

**2. Head of the College** : DR. HELAN A.P.

**3. Staff Profile** :

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	85	..	..	87
Guest Lecturers	2	29	..	..	31
Non Teaching	10	23	..	..	33

4. Courses offered with Number of seats:

Women	Number of seats			
	Under Graduate	Post Graduate	M. Phil	Ph. D
B.A. Bharathanatyam	50	..	..	..
Communicative English	30 +9	..	..	..
Economics	60+6	..	..	..
English Literature	50+20	..	..	..
French	50	..	..	..
History	40+12	..	..	..
Sociology	60+6	..	..	..
B.Sc Botany	36+11	..	..	..
Chemistry	36+11	..	..	..
Computer Applications	30+9	..	..	..
Home Science	40+12	..	..	..
Mathematics	120+12	..	..	..
Physics	36+11	..	..	..
Zoology		..	..	..
B.Com	60+10			
M.A. English Literature	..	15 +4	..	..
Economics	..	15+4	..	..
Sociology	..	20+5	..	..
M.Sc Botany	..	12+3	..	..
H.Sc. Child Develop.	..	10+3	..	..
“ F.R.M.	..	10+3	..	..
“ Food & Nutrition	..	10+3	..	..
Physics	..	12+3	..	..

5. Student Intake

Appeared in the Examination and Passed - Women		
Under Graduate	Appeared	Passed
B.A. Bharathanatyam	6	5
Communicative English	37	29
Economics	58	48
English Literature	46	41
French	16	15
History	43	32
Sociology	55	42
B.Sc Botany	38	34
Chemistry	33	33
Computer Applications	35	34
Home Science	29	27
Mathematics	100	89
Physics	43	40
Zoology	39	34
B.Com	66	64
M.A. English Literature	18	15
Economics	14	10
Sociology	24	11
M.Sc Botany	10	9
H.Sc. Child Development	6	6
“ Family Resource Management	6	5
“ Food & Nutrition	10	10

Physics	12	4
Ph. D English	5	5
Economics	1	1
Sociology [2 Men + 5 Women]	7	7
Botany [2 Men + 8Women]	10	10
Home Science	11	11
Physics	4	4

#### 6. Details of Tests cleared by Students

Sl.No.	National Level	State Level
1.	NET : 16	SRF : 1

#### 7. Library

a.	Total Number of Books	:	78605
b.	Total Number of Journals	:	97
c.	Total Number of Periodicals	:	124
d.	Numer of titles added during the year	:	553

#### 8. Grants Received From

a.	State Government	:	Nil
b.	Central Government	:	Nil
c.	University Grant Commission	:	` 93,66,624/-
d.	Others - Specify	:	Nil

#### 9. Projects Undertaken

a.	Major Project	:	Dr. Jyothi S Nair	:	` 4,55,200/-
b.	Minor Project	:	Dr. Leena Leon	:	` 80,000/-
	"	:	Smt. Susan Cherian	:	` 98,500/-
	"	:	Smt. Gladys Francis	:	` 40,000/-
	"	:	Dr. Elsam Joseph	:	` 1,15,000/-
	"	:	Smt. Shilpa Jose	:	` 65,000/-
	"	:	Dr. Soja Louis	:	` 75,500/-
	"	:	Smt. Sajitha J. Kurup	:	` 50,000/-
	"	:	Smt. Jisha John	:	` 85,000/-

#### 10. Seminars Conducted

STATE LEVEL		
Botany	Training programme on tools and Techniques in Molecular Biology and Bioinformatics	14 <sup>th</sup> to 19 <sup>th</sup> Feb. 2011
Botany	FIC of Bhoomithrasena Clubs	17.02.2011
Mathematics	PYTHON- Mathematical Software on Euler's Formula	26..2..2011
Economics	Gender Sensitization in collaboration with KILA. Mock Panchayat and Street Play was organized	18..08..2011
NATIONAL LEVEL		
Botany	Genes and Genome Research in India	20 <sup>th</sup> - 21 <sup>st</sup> Jan. 2011
Sociology	All Kerala Sociological Society	16 <sup>th</sup> - 18 <sup>th</sup> Feb. 2011
Botany	Trends in Biotechnology	6 <sup>th</sup> & 7 <sup>th</sup> 2011
Botany	Role of Women in the Protection and Promotion of Environment	08.03.2011
Zoology	Animal Welfare and Humane Education	15.03.2011
Chemistry	Challenges in Nanoscience and Technology, CNT-2011	28 <sup>th</sup> & 29 <sup>th</sup> July 2011
Home Sc.	Fast Food Trap: Issues, problems and solutions	

INTERNATIONAL LEVEL		
English	Multimodality, Multilingualism, Multiliteracies; New Pedagogy for new times?	24 <sup>th</sup> & 25 <sup>th</sup> Jan. 2011
Zoology	Cellular Nutrition and Health by Dr. Raxit J. Jhariwalla, Dr. Rath Research Institute, USA	12 <sup>th</sup> to 22 <sup>nd</sup> July 2011
Zoology	Nutritional Medicine- A natural science based approach to health and the control of chronic and infectious diseases'	8.12.2011
Home Sc.	Psychosocial & Lifestyle based intervention in Geriatric /Dementia Care	12.12.2011
Economics	Higher Education options in USA and Canada	13.12.2011

#### 11. Seminars Conducted by Faculty [Name wise –with details]

Dr Anu Gopinath, Assistant Professor, Chemistry Department, St Teresa's College, Ernakulam. International Recognitions -2011.

- Dr Anu Gopinath – the only one participant selected from India to participate in UNESCO/IOC/WESTPAC training programme in Sanya Island China from 8-11 June, 2011. Nominated by UGC for Commonwealth Academic Staff Fellowship in UK for the year 2012.

International Projects – Ongoing-2011.

- Dr Anu Gopinath is the only Indian partner in a project formulated during IOC/WESTPAC training programme. The project is focusing on radio nuclides in edible sea foods from South east Asian Countries. This is a collaborative programme involving countries like India, China, Korea, Thailand, Malaysia, Indonesia, Philippines, Vietnam and Singapore.

#### Current Research Interests:

Studies related to ocean acidification and coral bleaching.

Radionuclides in seafood from Kerala and Lakshadweep Coast. Paleoceanographic studies.

Trace metal and biogeochemical aspects of coral reef ecosystem.

Isolation and characterization of bioactive compounds from soft corals, sponges and seaweeds – development of potential drugs.

**Text Books Published- 03 text books and 02 revised editions – total five books. 2011**

- A text book of Environmental Chemistry for CBCSS Open Course Semester V and Choice based Course Semester VI of MG University – Co authored by Prof Chandradasn, St Albert's College, Ernakulam.
- Chemistry Core -1 Methodology of Chemistry as a Discipline of Science (Theory) and Volumetric Analysis -1 practical (For semester 1 of CBCSS BSc Programme of M G University, Kottayam). This book is co-authored by Prof Chandradasan and Dr Dominic Thomas (St Albert's College, Ernakulam) - Revised edition.
- Chemistry Core -2 Methodology of Chemistry as a Discipline of Science (Theory) Volumetric Analysis -2 practical (For semester 1 of CBCSS BSc Programme of M G University, Kottayam). This book is co-authored by Prof Chandradasan and Dr Dominic Thomas (St Albert's College, Ernakulam) – Revised edition.

Research Publications - International publications – Research papers 2011

- Anu,G, Jayalakshmy, K.V. and Nair, S.M. 2011. Statistical significance of Baseline data of trace metals in marine macro algae from a coral reef environment. *International Journal of Environmental Forensics*. 2011. 12. pp. 98-105
- Babu V., Unnikrishnan P., Anu G. and Nair S. M. 2011. Distribution of Organophosphorus Pesticides in the Bed Sediments of a Backwater System Located in an Agricultural Watershed: Influence of Seasonal Intrusion of Seawater. *Archives of Environmental Contamination and Toxicology*. 2011. 60. pp. 597-609.
- Phosphorous dynamics and Eutrophication in Cochin Backwaters, South West coast of India. Paper accepted in *Water Research*.

## 12. Publications by the Faculty with Impact factor of the Publications

- Dr. Anu Gopinath. *Statistical significance of monitoring of marine Algae for trace metal levels in a coral environment* *International Journal of Environmental Forensics* 2011: 12. 98-105. **International**. Impact Factor: 1.017
- Dr. Anu Gopinath. *Phosphorous dynamics and Eutrophication in Cochin Backwaters, South West coast of India*. Paper accepted in *Water Research*. **International**. Impact Factor : 4.546
- Dr. Anu Gopinath *The Impact of salinity barrier on the partitioning of heavy metals in sediments of a tropical backwater system* *Chemical Speciation and Bioavailability*: 18(4.) **International**. Citation Index: 3 Impact Factor: 0.75
- Dr. Anu Gopinath. *A flow reactor model facsimile to the trace metal partitioning in a tropical backwater system* *International Journal of Environmental Forensics*:7. pp. 189-196. **International**. Impact Factor: 1.017
- Dr. Anu Gopinath *Variability of dissolved reactive phosphate and apparent oxygen utilization along the west coast of India* *Chemistry and Ecology*:22 (2). 113-123. **International**. Impact Factor: 0.776
- Dr. Anu Gopinath. *Distribution of Organophosphorus pesticides in the bed sediments of a backwater system located in an agricultural watershed. Influence of seasonal intrusion of seawater*. *Archives of environmental contamination and toxicology*. 2011: 60 pp. 597 – 609. **International**. Impact Factor: 1.93
- Dr. Anu Gopinath. Chemistry Core-1. Methodology of Chemistry as a Discipline of Science (Theory) Volumetric Analysis -1 Practical Revised Edition [Text Book for CBCSS B.Sc Programme of MG University, Kottayam level-e1] 2011. **Text Book**.
- Dr. Anu Gopinath. Chemistry Core-2. Theoretical and Inorganic Chemistry [Theory] Volumetric Analysis-2 (Practicals) [Text Book for CBCSS Sem II B.Sc Programme of MG University, Kottayam]. **Text Book**.
- Dr. Anu Gopinath. Chemistry Core -2, Methodology of Chemistry as a Discipline of Science(Theory) Volumetric Analysis -1 (Practicals) [Text Book for CBCSS Sem I B.Sc Programme of MG University, Kottayam]. **Text Book**.
- Dr. Anu Gopinath. Environmental Chemistry [Text Book for CBCSS Open course in Sem V and choice based course in semester Sem VI for B.Sc. Programme of MG University, Kottayam]. **Text Book**.
- Dr Anu Gopinath was accepted in the journal “Water Research” International with impact factor 4.546. The title of the paper is “Phosphorous dynamics and eutrophication in the Cochin backwaters, South West Coast of India”.
- Dr. Saritha Chandran A. *Microwave characteristics of polyaniline based short fiber reinforced chloroprene rubber composites* *Polymer-Plastics Technology and Engineering* 2011: 50(5):453-458. **International**. Impact Factor: 0.42
- Dr. Saritha Chandran A. *Polyaniline coated short nylon fiber/natural rubber conducting composite* *Polymer-Plastics Technology and Engineering* 2011:50(5):443-452. **International**. **Impact Factor: 0.42**

- *Enhanced photoluminescence in oleic acid modified Polyaniline* **Sajimol Augustine.M**, S. J. Varma, Francis Xavier and S. Jayalekshmi, “ Transactions of the Indian Institute of Metals” [64](#): 209-212 (2011)
- *Size dependent optical properties of transparent, spin coated Polystyrene- ZnO nanocomposite films* Jeeju.P.P, **M. Sajimol Augustine**, Sreevalsa V.G, S.J.Varma and S.Jayalekshmi, “ Polymer International” 60: 1263–1268 (2011)
- *Characterisation of transparent PVA/aminoacid complex capped ZnO nano composite films* Sreevalsa.V.G, **Sajimol Augustine M**, S.Jayalekshmi “International Journal of Plastics Technology”. 15:10-18 (2011)
- *Excellent UV absorption in spin-coated thin films of oleic acid modified Zinc oxide nanorods embedded in Polyvinyl alcohol.* **M. Sajimol Augustine** , P.P. Jeeju, V.G. Sreevalsa, S. Jayalekshmi “ Journal of Physics and Chemistry of Solids” (accepted)
- **M. Sajimol Augustine**; K M. Anilkumar; S. Jayalekshmi; “Journal of Experimental Nanoscience “ (accepted)
- *Studies on L-citrulline Capped Zinc Oxide Nanocrystals*, V.G Sreevalsa, P.P Jeeju, **M. Sajimol Augustine** and S. Jayalekshmi, “ Proceedings of the National symposium on NanoScience and Technology Nanostech–2011”, 1-2 September, Nirmala College Muvattupuzha, Kerala.
- *Micelle-assisted synthesis of polypyrrole nanoparticles and their characterization* P.P Jeeju, P.A. Francis Xavier, **M. Sajimol Augustine**, V.G. Sreevalsa, S. Jayalekshmi, “Proceedings of the National symposium on Nano Science and Technology Nanostech – 2011”, 1-2 September, Nirmala College Muvattupuzha, Kerala.
- *Solvent dependent optical properties of highly luminescent nanocrystals of ZnS doped with Manganese* **M.Sajimol Augustine**, P.Indu, V.G Sreevalsa, P.P Jeeju, and S.Jayalekshmi “Proceedings of the National symposium on Nano Science and Technology Nanostech – 2011 “, 1-2 September, Nirmala College Muvattupuzha Kerala.
- *Effect of various capping agents on the optical properties of Zinc oxide nanocrystals* Sreevalsa.V.G, Jeeju.P.P, **Sajimol Augustine. M** , Jayalekshmi. S. “Proceedings of the Third International conference on frontiers in Nano Science and Technology Cochin Nano – 2011”, August 14-17, Cochin, Kerala
- *Enhanced UV-shielding properties of ZnO/PS-PMMA nanocomposite films* Jeeju. P. P, Sreevalsa V.G, Sajimol. A.M and S. Jayalekshmi, “Proceedings of the Third International conference on frontiers in Nano Science and Technology. Cochin Nano – 2011”, August 14-17, Cochin, Kerala.
- *On the prospects of optoelectronic applications of PANI/ZnO nanocomposite films prepared from oleic acid capped ZnO nanoparticles* **M. Sajimol Augustine**, P.P Jeeju, S. Jayalekshmi “Proceedings of the Third International conference on frontiers in Nano Science and Technology. Cochin Nano – 2011 “, August 14-17, Cochin, Kerala.
- *Global phase synchronization and Cluster formation for a lattice system* **Mary Vinaya , Rose P Ignatius**, Abeeshya N.S. “Proceeding of 21<sup>st</sup> Swadeshi Science Congress” held at CEPC, Kollam on 7-9 November 2011
- *Preparation and characterization of nanostructured ZnO thin film by SILAR* **Tessy Joseph, Susan Mathew** , Divya V.D. , and Neena Safar “Proceedings of the National seminar on Trends in Physical Sciences TriPS-2011” organized by Department of Physics, Sree Sankara College Kalady, on 21-22 July 2011
- *Preparation and characterization of Calcium Tungstate Nanoparticles* Renu Rajan, Deepa K, Dr.Ushamani M, **Tessy Joseph , Priya Parvathi Ameena Jose** “Proceedings of the National seminar on Challenges in Nanoscience and Technology CNT -2011” organized by Department of Chemistry, St. Teresa’s College, on 28-29 July 2011
- *Effect of particle size on Band gap energy of Calcium Tungstate Nanoparticles* Renu Rajan, Deepa K, Dr.Ushamani M, **Tessy Joseph , Priya Parvathi Ameena Jose** “Proceedings of the

- National seminar on Trends in Physical Sciences TriPS-2011” organized by Department of Physics, Sree Sankara College Kalady , on 21-22 July 2011
- **Books** Dr. Anu Gopinath. *Coral Reefs Indicators of Paleoclimate* – Article in the Newsletter “Rasathanthra” published by Chemistry Department 2011: 12. 98-105. **Regional**
  - D. Sheela. *Preliminary phytochemical analysis and anti-bacterial activity of pergula daemia (Forsk) Chiov.* Journal of Pharmacy Research 2011: 4(3) **e-journal**
  - D. Sheela. *A study of the phytochemical composition and anti-bacterial activity of Holostema ado-kodien sehuttes.* International Journal of Pharm Tech Research 2011: **International.**
- Impact Factor :1.0**
- D. Sheela. *A study of the preliminary phytochemistry, anti-bacterial and anti oxidant activities of Gymnema sylvestre R.Br.* Nature Environment and pollution technology 2011: **International.**
  - D. Sheela. *Antioxidant and antibacterial activities of tylophora indieca (Burm.F.) Merrill.* Proceedings of the UGC sponsored national conference on Genes and Genome Research in India, 2011. **National Conference.**
  - D. Sheela. *Ecological studies on 3 medicinally important plants of Euphobiaceae.* Paper accepted in Journal of Biological Research **International**
  - Dhanya N. *Knowledge of caretakers on care giving of elderly Counselling as a tool for non violent social change.* Published in the souvenir of International conference organized by Christian Counseling Centre, Vellore, 2011.
  - Dhanya N. *Stress of elderly residing in Ernakulam.* Published in the proceedings of national Seminar ‘Second Childhood: A period of ordeal or delectation,’ 16-17 February 2011: 1. 27. **National.**
  - Shilpa Jose. *Feasibility Study of a Geriatric Nutritional Assessment Tool (Abstract) Dietetics.* Widening Horizons-Souvenir and abstracts of 43 rd Annual Conference of IDA, December 2011. **National.**
  - Dr. Leena Leon. *Fast food consumption preferences and practices of adolescent girls in Ernakulam.* Abstract published in Proceedings of National Seminar on Processed foods 2011- A trend beyond boundaries, February 2011.
  - Dr. Leena Leon. *Nutritional profile of IT professionals in Ernakulam and Calicut and their stress assessment.* Published in Proceedings of National Seminar on Occupational health and stress, February 2011.
  - Dr. Leena Leon. *Face it comfortable.* Kerala Calling. 2011: Vol. 31 No.6
  - Dr. Celine E. *In God’s Way. Light of Truth* 2011: Vol. 2/9
  - Dr. Gladis Mary John. *Sthree-oru nerkazhcha.* Ernakulam: St. Paul’s, 2011
  - Dr. Nirmala Padmanabhan. *National Food security Bill and its Implications on Kerala.* Published in the proceedings of UGC sponsored National Seminar on Social Sector Development in North East India, April 2011. **National**
  - Dr. Nirmala Padmanabhan. *National Food security Bill and its Implications on Kerala.* [www.manupatra.com / roundup/ 332/Articles/Food%20manupatra.pdf](http://www.manupatra.com/roundup/332/Articles/Food%20manupatra.pdf)
  - Dr. Nirmala Padmanabhan. *Understanding Gender Equality in the Software Industry of Kerala-The Capability Approach.* Economic and Political Weekly. 2011: Vol. 46, No. 12, pp70-75, ISSN: 0012-9976. **National.**
  - Dr. Alice K.A. *Teresian Rural Out-reach Programme.* Published in the proceedings of UGC sponsored national conference on ‘Student Participation for the Quality Enhancement of Higher Education Institutions’, January 2011. **National.**
  - Dr. Soumya Baby. *Bhoomipadangal (Translation).* Cochin: Theo Books, 2011. **Book.**
  - Dr. Jaya T. Varkey. published a book- “Solid phase synthesis of Thioredoxin partial sequences”- An analytical approach Published by Lambert Academic Publishing, Germany. It is on Amazon.com. **International.** The link is [http://www.amazon.com / Solid-Phase-Synthesis-ThioredoxinSequences/dp/3845428848/ref=sr11?s=books&ie=UTF8&qid=1314447267&sr=1-1](http://www.amazon.com/Solid-Phase-Synthesis-ThioredoxinSequences/dp/3845428848/ref=sr11?s=books&ie=UTF8&qid=1314447267&sr=1-1). It is printed in USA and UK.

- Dr Saritha Chandran A. published *a text book of Volumetric Analysis* – for the Complimentary practical paper of BSc course; Gayathri Publishers, Convent road, Ernakulam, Kochi
- Dr Anu Gopinath Text book- . *Methodology of Chemistry as a Discipline of Science – for semester I* of Chemistry Main , CBCSS programme, Alchemy Books, Thrikkakara
- Dr Anu Gopinath *Text Book of Environmental Chemistry –for the open course (semester V) and choice based course (semester VI) of MG University.* Alchemy Books, Thrikkakara
- Dr. Elsam Joseph, *Temporal Biochemical Sequences of Protocorm Development of Spathoglottis plicata Bl. in vitro*, Geobios. Vol. 38(4), 2011 **International.**
- Dr. Lizzy Mathew, *An Evaluation on the impact of by-product gypsum on Scoparia dulcis*, Linn, Nature, Environment and Pollution Technology **International.**
- Dr.Sheela.D, *Comparison of heavy metals and major nutrients in different parts of medicinal plants(Ricinus communis) collected from an industrial belt (Eloor) and coastal area(Wellington island) of kerala*, Journal of Botanical Indian Society,2011
- Dr.Sheela.D, *Ecological studies on three medicinally important plants of Euphorbiaceae*, Journal of basic and Applied Biology 5(1&2),72-77,2011
- Dr.Sheela D, *Preliminary phytochemical analysis and antibacterial activity of Pergularia daemia*, Journal of Pharmacy Research 2011.4.(3),662-663.2011
- Dr.Sheela D, *Study of the phytochemical composition of anti bacterial activity of Holostemma ada-kodian*, International Journal of Pharm Tech Research Vol 3. 1208-1210 2011
- Dr.Sheela D, *A Study of the preliminary phyto chemistry, anti-bacterial and anti oxidant activities of Gymnema sylvestre*, Nature Environment and Pollution Technology VOL 10(3) 427-429. 2011
- Dr.Sheela D, *Anti oxidant and anti-bacterial activities of Tylophora indica*, Proceedings of the National Conference on Genes and Genome Research in India -Dept of Botany U.C College Aluva 20-21 st Jan 2011
- Susan Cherian Saving methods adopted by selected homemakers in Changanassery Star Research Reach - Inter intra Disciplinary Journal ISSN No. 0975 – 5101,,Vol 3, No:2, 2011 Pp
- Dr.Leena Leon Prevalence of health hazards among mobile phone wears.Proceedings of the National Seminar on ‘Life Style diseases in sustainable perspective’ September, 2011
- Dr.Leena Leon Hypoglycemic effect of Paspalum Scorbiculatum(Varagu Rice) on selected diabetes mellitus subjects Green farming - International Journal of Applied Agricultural and Horticultural Sciences ISSN No. 0974 – 0775 Vol 2, No: 6 2011 Pp 713 – 715
- Dr.Leena Leon Vegetable consumption pattern and preferences among adolescent girls Star Research Reach - Inter - intra Disciplinary Journal ISSN No. 0975 - 5101 Vol 3, No: 2, 2011 Pp 21 – 25
- Dr.Leena Leon The Teen Machine Potpourri- Teresian College Magazine College Magazine 2011Pp 94 – 95
- Dr.Leena Leon Know your immuneThe Hindu Metro Plus 16.06.2011
- Dr.Leena LeonDestress with right food The Hindu Metro Plus 08.07.2011
- Dr.Leena Leon Popeye’s favorite on your plate The Hindu Metro Plus 06.08.2011
- Dr.Leena Leon Red and Orange bunches The Hindu Metro Plus 18.08.2011
- Dr.Leena Leon Nutritional Profile of IT Professionals in Ernakulam and Calicut and their stress assessment International Journal of current Research (online journal)ISSN No: 00975 – 5241 Vol 3, No: 7, 2011 Pp 112 – 114
- Smt.Dhanya. N.Book Trainers Manual on Fast Food Trap. Anuary 2012
- Smt.Dhanya. N Use of E – resources in Teaching - Learning and Research Proceedings of the National Seminar on Best Practices in Research and Consultancy - opportunities and challenges.October 2011



- Smt. Dhanya. N Assessment of the stress experienced by Senior citizens in Ernakulam District of Kerala. International Journal of Current Research ISSN No: 00975 – 5241 Vol 3, No 5, 2011 Pp 39 – 43
- Smt. Anu Joseph Assessment of the quality of life of senior citizens in Ernakulam. District of Kerala. Star research reach - Inter-intra Disciplinary Journal Vol 3, No: 1, 2011 Pp 7-13
- Smt. Anu Joseph Influence of maternal bio – social determinants and nutritional status on birth weight of neonates in urban and coastal areas of Ernakulam Proceedings of National Seminar on Holistic Maternal and child Nutrition. Published by Avinashilingam Deemed University, Coimbatore. September 2011
- Smt. Anu Joseph Covariates and co-morbidities of obesity among obese women. Proceedings of the National seminar on ‘Life style diseases in sustainable perspective’ published by Morning Star College of Home Science, Angamaly, September 2011
- Dr. Nisha Vikraman Maternal anaemia and its effects on outcome of pregnancy. Proceeding of the National Seminar on Holistic Maternal and Child Nutrition published by Avinashilingam University, Coimbatore. September 2011
- Dr. Nisha Vikraman Trends of special food habits during pregnancy in Thriuvananthapuram. Proceedings of the National seminar on ‘Life style diseases in sustainable perspective’ published by Morning Star College of Home Science, Angamaly September 2011
- Rose Mary Francis ‘Puthia Veetil Chekkerumbol – Guidelines for newly weds on house shifting Vanitha’ (Women’s fortnightly publication in Malayalam) Sept 1 – 14, 2011
- Rashmi. H Poojara Cardio – vascular risk factors among school going children – association with weight and socio – economic status International Journal of current Research ISSN 00975 – 5241 Vol 3, No: 8, 2011 Pp 21-31
- Rashmi. H Poojara Metabolic risk factors among 9 – 12 year old children of Cochin International Journal of current Research ISSN 00975 – 5241 Vol 3, No:6, 2011 Pp 408 – 410
- Dr. Latha Nair R. *Writing for the Media* [Core Text Book for Semester VI B.A. Programme in English Language and Literature, Calicut University] 2012. **Text Book.**
- Dr. Priya K. Nair. *Writing for the Media* [Core Text Book for Semester VI B.A. Programme in English Language and Literature, Calicut University] 2012. **Text Book.**
- Ms. Vidhu Mary John. *Writing for the Media* [Core Text Book for Semester VI B.A. Programme in English Language and Literature, Calicut University] 2012. **Text Book.**
- Ms. Jeena Ann Joseph. *The way of Salvation: Paulo Coelho’s The Devil and Miss Prym. Teresian Journal of English Studies.* October 2011. (Vol. 3, No.1. ISSN-0975-6302)
- Ms. Tania Mary Vivera. Book Review of *Last Man in Tower. Teresian Journal of English Studies.* October 2011. (Vol. 3, No.1. ISSN-0975-6302)
- Smt. Sajitha J. Kurup, *Fast food syndrome: A Sociological study of emerging fast food trends in Kochi City*”. Fast Food Trap (Issues , problems and Solutions). National Workshop Proceedings, January 2012
- Textbook of Engineering Chemistry- Dr. Ushamani M. Educational Publishers and Distributors, India. Co-authors: Dr. K. E. George and Dr. Rani Joseph, Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology.
- Chemistry for Engineers- Dr. Ushamani M. Based on Mahatma Gandhi, Calicut and Kerala University Syllabus. Educational Publishers and Distributors, India. Co-authors: Dr. K. E. George and Dr. Rani Joseph, Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology.
- II Edition of Textbook of Engineering Chemistry- Dr. Ushamani M. For revised Cochin University Syllabus. Educational Publishers and Distributors, India. Co-authors: Dr. K. E. George and Dr. Rani Joseph, Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology.
- Chemistry Core-1, Methodology of Chemistry as a Discipline of Science [Theory] - Dr. Anu Gopinath. Volumetric Analysis-I Practicals (For semester I of CBCSS B.Sc Programme of M.

- G. University, Kottayam. Co-authors: Prof. Chandradasan and Dr. Dominic Thomas, St. Albert's College, Ernakulam.
- Chemistry Core -1 Methodology of Chemistry as a Discipline of Science [Theory] and Volumetric Analysis -1 practical - for semester 1 of CBCSS B.Sc Programme of M G University, Kottayam). This book is co-authored by Prof Chandradasan & Dr Dominic Thomas, St Albert's College, Ernakulam, - revised edition.
  - Chemistry Core-2, Theoretical and Inorganic Chemistry [Theory] - Dr. Anu Gopinath. Volumetric Analysis-2 Practicals (For semester II of CBCSS BSc Programme of M. G. University, Kottayam. Co-authors: Prof. Chandradasan and Dr. Dominic Thomas, St. Albert's College, Ernakulam.
  - Environmental Chemistry for open course in Semester V and choice based course in semester VI of CBCSS programme of MG University, Kottayam- Dr. Anu Gopinath. Co-author: Prof. Chandradasan, 2011
  - Volumetric Analysis of Semester I and II of the Complimentary Chemistry Course of CBCSS Programme of Mahatma Gandhi University, Kottayam- Dr. Saritha Chandran A., 2011.
  - Chemistry Core-1, Methodology of Chemistry as a Discipline of Science [Theory] - Dr. Anu Gopinath. Revised Edition. Volumetric Analysis-I Practicals (For semester I of CBCSS BSc Programme of M. G. University, Kottayam. Co-authors: Prof. Chandradasan and Dr. Dominic Thomas, St. Albert's College, Ernakulam.
  - Dr. Ushamani M. *Burning of Plastic waste at home- dangerous health effect* Rasathanthra. 2011.
  - Dr. Anu Gopinath. *Coral Reefs- Indicators of Paleoclimate* Rasathanthra 2011.
  - Dr. Saritha Chandran A. *Conducting Plastics* Rasathanthra 2011.

### 13. Research Highlights of Faculty/Scholars

Following are the major Highlights of the research activities of the Faculty with regard to subject knowledge, industry needs and community development:

- The Thrust area of research under each discipline has contributed substantially in enhancing Subject Knowledge.
- The research in the field of English Language Teaching has contributed to redefine the teaching and learning of English literacy practices.
- The recent research studies in Food and Nutrition among the slum dwellers in urban areas has set the scope of mitigating the pressing problems of them and it will go a long way to uplift them from the plight of absolute poverty and related complications and provide them with a promising future.
- The research activities in Nano technology by the Department of Physics has its application in the field of medicine and food technology and research in the development of thin films has high demand in various industries.
- The research in Algal Diversity undertaken by the Department of Botany has its impact in deciding the climatic conditions and productivity.
- National and International Concerns such as Public Health and Nutrition, Obesity, Environmental Hazards, Women and Children, Women and Society, Child Guidance and Counseling, Waste Management are some of the pressing issues dealt in research by different departments. Some of the issues are related to Industry and are concerns of community and its development.
- **International Consultancy - Research Consultancy with Seven South East Asian Countries**

- Dr. Anu Gopinath, Dept. of Chemistry**, Research consultant for the International project on assessing the level of radionuclides in Sea Foods collected from Seven South East Asian Countries - China, Korea, Singapore, Thailand, Malaysia, Hongkong, Philippines and India
- The only Indian partner in all consultations regarding radionuclides from Kerala and Lakshadweep coasts
- Identification and Taxonomical Classification of Plants** - Dr. Lizzy Mathew and Dr Liza Jacob, Department of Botany do consultancy for recreational parks – Corporation of Kochi, Cochin port trust, Government Tourism Resorts – Bolghatty Heritage Palace
- Tourism Department of India, Kerala, DTPC**
- Smt. Sabeena Bhaskar, Dept. of French**
- Travel Agencies in Kerala seek consultation to assist the Foreign Tourists.
- Consultancy in Translation.
- She has prepared a handbook for the French Nationals, on request by the Department of Tourism.
- Communication Technology and e-Content**
- Dr. Priya K. Nair, Department of English**
- Main consultant for Malayala Manorama- the leading daily in Kerala, in developing Multimodal CD for Better Speaking Skills in English.
- Framing syllabus for RAK University, Sharjah
- Framing syllabus for NANMA – NGO
- Dr. Priya K. Nair has availed remuneration for the consultancy
- Educational Resource Management System**
- Dr. Tessy Anthony C. - Department of English**
- Given Consultancy in framing course modules for the In Service Training Programme for Teachers at Tertiary Level – IGNOU- iCAT - Institute for Competency Advancement of Teachers
- Health and Nutrition**
- Prof. Reshmi H. Poojara, Dept. of Home Science has given Diet Counselling consultancy and developed Nutrition Health Education materials connected with Cardiovascular Risk factors among school going children in Kochi to the Dept. of Pediatric Cardiology, AIMS - Amrita Institute of Medical Sciences, Kochi
- P.G. Students** of Food and Nutrition give Consultancy in Cookery – cooking in a better way without losing the nutritive values of the food, to the chefs in Casino Group of Hotels. They give similar consultancy to the prospective chefs, Food Craft Institute, Kalamassery
- Dr. Dhanya N., Department Of Home Science** has given consultancy for Centre for Disability Studies , in evolving Friendly Play Equipments for Disabled
- National Agricultural Innovation Project**
- Dr. Leena Leon and Prof. Shilpa Jose have given consultancy on New Product Development, Sensory Analysis, Market Analysis and Training for Entrepreneurs to CIFT- Central Institute of Fisheries Technology and ICAR – Indian Council of Agricultural Resources, Kochi
- Kerala Institute of Local Administration – An autonomous body of Govt. of Kerala**

- **Dr. Nirmala Padmanabhan** has given consultancy in evolving a model administrative body at the Grama Panchayat Level for KILA - Kerala Institute of Local Administration
- **Fashion Designing and Apparel Merchandising**
- Smt. Lekha Sreenivasan Department of Women Studies has given consultancy in framing the syllabus for the Certificate Course in Fashion Designing Kerala Government Technical Education-KGTE
- Online – Consultant for *Fashion Friends*, *Manorama On-Line* and Malayala Manorama News Daily & Deshabhimani News Daily
- Department of Women Study Centre has given consultancy to Gandhi Smaraka Grama Seva Kendram ( District Centre of Gandhi Memorial National Trust, New Delhi) for the upliftment of Self- Help groups by providing ideas and techniques to create innovative designs using Khadi materials which is wearable and exportable, targeting European markets
- Free consultancy provided to the needy women entrepreneurs of slum area of Mattancherry for starting and running tailoring units

#### 14. Academic Achievements

Subject	No. of students		Distinction	Class			Total	%	Rank
	Regd.	Appeared		I	II	III			
Computer Appln.	35	35	21	34	..	..	34	97	I
Mathematics	100	100	30	67	16	6	89	89	..
Physics	43	43	19	36	4	..	40	93	I
Chemistry	33	33	17	32	1	..	33	100	..
Botany	38	38	5	23	6	5	34	89.47	..
Zoology	39	39	12	27	7	..	34	87.18	I & II
Home science	29	29	4	18	8	1	27	93.10	I & II
Comm. English	37	37	..	26	1	2	29	78.37	..
English	46	46	2	17	12	12	41	89.13	..
Economics	58	58	3	22	20	6	48	82.75	..
Sociology	55	55	1	7	10	25	42	76.36	..
History	43	43	..	10	18	4	32	74.41	..
French	16	16	3	12	2	1	15	93.75	..
Bharathanatyam	6	5	3	5	..	..	5	100	I & II
B.Com	66	66	30	58	6	..	64	96.96	I
M Sc . Physics	12	12	..	4	..	..	4	33.33	..
M Sc Botany	10	10	2	9	..	..	9	90	..
M Sc CD	6	6	1	6	..	..	6	100	I
M Sc FRM	6	6	..	5	..	..	5	83.33	I
M Sc FN	10	10	2	10	..	..	10	100	I, II & III
M.A. English	18	18	..	13	2	..	15	83.33	..
M.A. Economics	14	14	..	10	..	..	10	71.42	..
M A Sociology	24	24	..	10	1	..	11	45.83	I, II & III

#### 15. Student Achievements - Academic

*Comparative Analysis of the Institutional Academic Performance with Reference to other colleges in M.G. University for the year 2010-2011*

Subject	Sacred Heart College, Thevara			St. Albert's College, Ernakulam			Maharajas College, Ernakulam			Bharatha Matha College, Thrikkakara			St. Teresa's College, Ernakulam		
	Apd.	Pass	Pass%	Apd.	Pass	Pass%	Apd.	Pass	Pass%	Apd.	Pass	Pass%	Apd.	Pass	Pass%
Maths	36	34	94.44	34	33	97.06	26	14	53.85	31	26	83.87	100	90	90
Physics	45	41	91.11	44	35	79.55	33	17	51.52	26	20	76.92	43	41	95.35
Chemistry	51	43	84.31	45	33	95.56	32	24	75	30	21	70	33	33	100
Botany	38	25	65.79	30	28	93.33	25	17	68	36	12	33.33	38	34	89.47
Zoology	48	46	95.83	32	24	75	24	24	100	34	24	70.59	39	34	87.18
Home Sc.	--	--	--	--	--	--	--	--	--	--	--	--	29	27	93.10
B.Com.	140	126	90	61	58	95.08	725	94	12.97	126	111	88.10	66	64	96.97

  

Subject	Assumption College Changanassery			St. Xavier's College, Aluva			BCM College, Kottayam			UC College Aluva			M.A. College, Kothamangalam		
	Apd.	Pass	Pass%	Apd.	Pass	Pass%	Apd.	Pass	Pass%	Apd.	Pass	Pass%	Apd.	Pass	Pass%
Maths	58	51	87.93	47	44	93.62	30	28	93.33	41	35	85.37	28	25	89.29
Physics	44	39	88.64	34	32	94.12	27	22	81.48	48	40	83.33	26	23	88.46
Chemistry	42	38	90.48	24	19	79.17	31	24	77.42	50	41	82	27	22	81.48
Botany	19	15	78.95	29	22	75.86	23	20	86.96	32	30	93.75	33	25	75.76
Zoology	33	28	84.85	35	34	97.14	21	21	100	27	26	96.30	37	29	78.38
Home Sc.	15	12	80				14	14	100						
B.Com.	67	62	92.54	56	56	100	58	47	81.03	358	52	14.53	48	41	85.42

## 16. Students Activities/ Achievements - Extra Curricular

### National Cadet Corps

The NCC unit of the college functions under 21 Kerala BN NCC Ernakulam. NCC serves to discipline the mind and body of the cadets. As part of their community service, the cadets participated in the 2-day training camp for Disaster Management held at St. Albert's college, Ernakulam. On the occasion of **No Tobacco Day** 8 cadets participated in the cycle rally in Ernakulam city. All NCC cadets participated in the campus cleaning activities in connection with the Gandhi Jayanthi day. With a motto "commitment to a cleaner environment" the NCC cadets along with the NSS volunteers and the students of the college engaged in cleaning the public roads adjoining the college premises. Cadets also participated in the rally against child labour organized by the Janaseva Sishu Bhavan. They also joined in the coastal cleaning programme organized by the Indian Navy.

In connection with the world Aids day 11 cadets participated in a NCC Run organized by 21 K BN NCC in Ernakulam city and 12 cadets participated in the cancer awareness Scooter Rally held to Marianne Shanthi Nilayam, a cancer care centre at NAD and donated an amount of Rs. 8500/-.

The Independence Day, Republic day, Flag Day was duly observed. All the cadets were given rifle training at the S.H. College, Thevara.

### Participation in Camps

- Attended NIC at Lakshadweep
- Attended the TSC selection camp at 7K girls BN NCC Thrissur
- Attended the RCTC girls at Neyyar dam
- Attended the SSB coaching camp at Akkulam NCC complex TVM.
- Attended the TSC selection camp at Thrissure, 7K girls BN NCC
- Attended the army attachment camp at MEG centre at Bangalore.
- Attended ATC camp at SCAM Government College Kuttanellor
- 16 cadets attended the ATC camp at Lisieux English Medium School, Vaikom

- Attended a mini camp at SKVC Thrissure
- Attended NIC camp at Punjab
- Two cadets attended the SBB Screening course at World Market Complex Anayara, Trivandrum
- RD parade was conducted in the college on 26<sup>th</sup> Jan, 2011
- Cadets took part in the rally for the inaugural function of MG University Youth Festival on 27<sup>th</sup> Jan, 2011.
- 25 Cadets attended the “Anti Tobacco Human Chain”, held in front of Subash Park, Ernakulam, on 31<sup>st</sup> Jan., 2011.
- 6 Cadets attended for ‘C’ Certificate Examination and 10 Cadets for ‘B’ Certificate.
- 27<sup>th</sup> June 2011- A rally on “Anti-Tobacco” was conducted which was inaugurated by Lt/Col Shri Kumar, Administrative Officer, 21 (K)Bn NCC Unit Ernakulam.
- 4<sup>th</sup> July 2011- The Chief Guest for the program “Bhoomithra”, Minister Sri. K.V Thomas, received salute from the NCC cadets.
- 14<sup>th</sup> July 2011- 21 new cadets were enrolled from the first year.
- 5<sup>th</sup> August 2011- For the felicitation ceremony of the rank holders, the Chief Guest, Dr. Francis Kallarackal, Archbishop of Verapoly, was given salute and welcomed by the NCC cadets.
- Cpl Anasa, L/Cpl Aparna P and Cpl Resma Mohan attended RD Training under Ex-RD Lenin Joseph at Maharaja’s College.
- 15<sup>th</sup> August 2011 Independence Day Parade was held in Marine Drive. 30 cadets led by CQMS Greeshma George showcased parade. Minister K.Babu was the Chief Guest for the occasion.
- At college, Principal, Rev.Dr.Sr.Teresa, hoisted the National Flag and parade was held. Principal received salute from the NCC cadets.
- 1<sup>st</sup> September 2011- Cadets received and gave salute to Chief Guest, Sr. Francis Ann, Provincial Superior, for the College Union Instillation function.
- 9 Cadets attended Annual Training Camp which was held at Sree Sankara College, Kalady from September 4 - September 11
- 16<sup>th</sup> September 2011- For the College Union Inauguration, Chief Guest Ajith Kumar, Commissioner of Police, Cochin City, was welcomed and given salute by the NCC Cadets.
- Cpl Anasa, L/Cpl Aparna P and Cpl Resma Mohan attended the Pre IGC held at Thrissur.
- L/Cpl Aparna P and Cpl Resma Mohan attended IGC.
- 11<sup>th</sup> Oct. 2011- A blood donation camp was held by IMA. 11 cadets took part in it.
- 13<sup>th</sup> October 2011 – A rally was held as part of International Day for Disaster Reduction. 30 Cadets took part in it.
- NCC Day was celebrated on 25th & 26th November 2011. As part of the celebrations, 33 Cadets along with ANO, Dr. Seleena K.V., visited an Old Age Home in Thevara. Snacks and gifts were distributed to our grandmothers and grandfathers there.
- Drill test and cultural competitions were held in college for which Lt/Col N.T Jose, Commanding Officer, 21 (K) Bn NCC Unit was the Chief Guest.
- 1<sup>st</sup> December 2011- As part of Aids Day, our cadets took part in a rally that started from High Court to Maharaja’s College.
- A rally was organized by the college for the cause “Mullaperiyar Dam”. NCC Cadets led the rally.
- 7<sup>th</sup> December 2011- Armed Forces Flag Day- A day dedicated towards collection of funds to commemorate this day as an honour to the soldiers, Airmen and Sailors of India. We collected funds from our college as well as from few shops near the college premises. We collected ` 6000/-
- 21 Cadets attended Annual Training Camp which was held at Aquinas College, Edakochi from 22<sup>nd</sup> to 30<sup>th</sup> December 2011. Our college bagged the runners up trophy for the various literary and cultural competitions held at the camp.
- Best NCC Cadets: **SERGEANT NAYANA TENSING & SERGEANT SWATHIRAJA K.**

## SPECIAL NATIONAL INTEGRATION CAMP [SNIC]

- Cadets [ CSM Stephy Stephan, III Economics, CQMS Greeshma George, III Maths, Cpl Anasa II French, L/Cpl Aparna P., II Physics, Cpl Priyanka Prakashan N.P II English Literature, Cpl Resma Mohan, II Home Science, Cpl Veena Babu II Economics, attended SNIC-Delhi from 18<sup>th</sup> to 28<sup>th</sup> January 2011. They performed a dance for the Prime Minister's Rally in the presence of Prime Minister, Defence Minister and other Honorable Dignitaries of NCC.
- 10 Cadets took part in the "Shuchitwa Varsham" programme held at Town Hall, Ernakulam. The class included practical training in waste management.
- 33 Cadets attended for 'B' certificate examination and 5 cadets for 'C' certificate examination.
- **Best Cadet for the year 2011-2012 – Junior Under Officer Nayana Tensing, III History, & Cqms Greeshma George , III Mathematics.**

### National Service Scheme

- The NSS activities for the year 2011-12 began on 27<sup>th</sup> of May 2011 with the inauguration of the help desk for Central Allotment Process, by the M.G University NSS Coordinator Dr. Prakash. A training programme for this purpose was organized for the NSS volunteers of different colleges from Ernakulam district in our college. The NSS volunteers took turns to help the students and parents with the online admission process.
- Pamphlets were distributed to the First year students describing the objectives and activities of our NSS Unit. Senior volunteers actively participated in the campaign to enroll newcomers, in response to which, 182 first year students from different departments joined the NSS unit.
- On July 13, ten volunteers of our college attended a seminar conducted in Maharaja's college as part of Anti Tobacco Day Campaign. In connection with the Independence Day celebrations the NSS unit arranged a voluntary blood donation campaign jointly with IMA and the Rotary Club. It was inaugurated by our Principal Rev. sr. Teresa and Mr. Renjith, member of the Rotary Club. Almost ninety students came forward to donate their blood .
- The formal inauguration of the activities of NSS and the mini camp for this year were held on 19.08.2011, Friday by Smt. Sudha Balachandran, former NSS Programme officer of our college.

### Highlights of the Mini Camp:-

- Classes-
  - Dr. Joseph - Aiming High
  - Sri. Kiran Thampi - Aims and Objectives of NSS
  - Smt. Susheela Pai - Amara Foundation
  - Sri M. A. S. Menon - How to approach a particular problem from different angles to find the exact solution
  - Visit to General Hospital, Ernakulam.
  - The volunteers visited the isolation, geriatric, ortho, oncology and gynecology departments of Government Hospital. They interacted with the patients and distributed bananas to the patients and bystanders.
  - One hour yoga and meditation class on all three days led by Smt. Sujatha
  - Cultural programs by all volunteers

- NSS Anthem Competition
- Campus Cleaning

Other Regular activities :-

- Election of the new volunteer secretaries was held in the meeting of the volunteers on 24.08.2011. MS. Krishna Reghu, MS. Ashita V.P. and MS. Michelle Tony were elected as secretaries.
- On September 21<sup>st</sup>, 45 volunteers participated in the memory walk organized by the Alzhiemers society of India.
- NSS Day was celebrated on September 24<sup>th</sup>. Principal Rev.Sr. Teresa hoisted the NSS Flag and gave an inspiring message to the students. The students took the pledge and concluded the programme with the NSS anthem
- 42 students participated in the seminar organized by Heart Care Foundation on World heart day on 25<sup>th</sup> September.
- Five NSS volunteers participated in the selection for PRD camp conducted in the CMS College, Kottayam on 3<sup>rd</sup> October.
- Two volunteers attended The Mahatma Gandhi University Intercollegiate camp on Learn To Earn organized by the Newman's College thodupuzha from 4<sup>th</sup> to 6<sup>th</sup> December 2011.
- Three Volunteers attended The Mahatma Gandhi University Intercollegiate Leadership camp on Plastic Free Pampa organised by M.E.S College Erumely from 11<sup>th</sup> to 13<sup>th</sup> December 2011.
- Five Volunteers attended The Mahatma Gandhi University Intercollegiate Leadership camp from 27<sup>th</sup> January to 29<sup>th</sup> January organised by Alphonsa College Pala.

### SPECIAL CAMP REPORT

The N.S.S Special camp for the year 2011-2012 was organized from 23<sup>rd</sup> to 29<sup>th</sup> December 2011 at Binanipuram Government High School. A pre-camp orientation was given to the N.S.S volunteers on 21<sup>st</sup> December by our Principal Rev. Dr. Helen A.P, who is also a former NSS programme officer. The main focus of the camp was to renovate and improve the Campus and the learning atmosphere of the Government school. The second objective was to facilitate community interaction for our student volunteers. The camp was inaugurated on 23<sup>rd</sup> December 2011 at Ghanashyam Binani community hall, Binanipuram by Shri. Sanjeev P Thomas, President Binani Zinc Ltd. Dr. Helen A.P., presided over the meeting. It was attended by Smt. Padmini K.K., Headmistress, Binanipuram Govt. High School, Smt. Bindu Rajeev Panchayat Member Sri T.J. Titus former member of panchayath, Sri Chandran Pillai Ex- M.P., parents, staff and students of the school and the people of Binanipuram.

- An Eye Camp was organized for the local community for free eye check up, Blood sugar level test and Blood pressure test facilities . Free Spectacles were distributed to 30 BPL Card holders.
- Visit to the production plants and occupational health centre of the nearest industry – Binani Zinc Ltd.
- Visit to Pakalveedu, a day care centre for the Aged at Binanipuram which is a part of the CSR activities of Binani Zinc Ltd.
- 'Kala Sandhya', Cultural Programmes by volunteers, was organized for the local community. Many of the talented students of Binanipuram High School and members of local community too performed on the occasion.
- Preparation of a manuscript magazine titled Niswanam which was released by Sri Hybi Eaden MLA.

A series of Lectures were organized for the volunteers. The main resource persons were:-

- Sri. M.A. Baby, Former Minister for education and cultural affairs.
- Smt. Betty Baby Joint Director, Kairali T. V.
- Dr. Thomas Abraham Corporate HR Trainer and Former NSS Coordinator,



- Dr Abraham Varghese, IMA President & CMO, Binani Zinc Ltd,
- Sri Koodal Shobhan Counsellor and Theatre artist,
- Sri Sajeevan, Former NSS programme Officer,
- Smt. Lekha Srinivasan, Faculty , Women's Study Centre, St.Terasas College,
- Rev. Sr. Tessa Provincial and Manager CSST and Sri. I.V Soman, Director, TOC.
- Sri. Samuel Chelliah Youth Officer and Regional Head South India visited the camp on 28<sup>th</sup> December 2011.

**Mahatma Gandhi University Intercollegiate Residential Camp for Women Volunteers  
On Leadership Development through participation with Community**

3<sup>rd</sup> February to 5<sup>th</sup> February 2012 The N.S.S Unit of St. Teresa's College organized a three day Inter Collegiate Leadership Camp for women volunteers as a part of the N.S.S Scheme of Mahatma Gandhi University from February 3<sup>rd</sup> to 5<sup>th</sup> February at St. Teresa's College. The Vice Chancellor Sri Rajan Gurukkal who inaugurated the three day camp said that femininity is a social construct and a concept that is imposed on women. Women empowerment will become a reality, only when women are made to understand that one is only born as a girl in the biological sense and the traits of docility and submissiveness are indoctrinated in them, over the ages to make them subservient.

98 NSS volunteers from different colleges under the M.G. University participated in the camp. Dr. K Prakash, the NSS co-ordinator of M.G. University, Dr. Dileep Kumar Syndicate Member, Sri Samuel Chellayya NSS Youth officer and Regional Head Thiruvananthapuram, Smt. Sudha Balachandran and Dr. Latha Nair R, spoke at the function

Sri. Samuel Chellayya, Dr. K Prakash, Sri. Hibi Eden , Dr. Thomas Abraham, Smt. Sudha Balachandran and Mr. Giby Jossy took various sessions to provide insight and training in developing leadership qualities through participation in community. The Principal Rev. Dr. Sr. Teresa, presided over the valedictory function. The chief guest Hon. Minister K. Babu handed over the key of the *Newly*

***Constructed House for the Girl Child , a project under taken by the NSS unit St. Teresa's College in 2009*** to Mr. Chandrahasan & family who were selected by the N.S.S volunteers through the Socio Economic Health Survey conducted in 2009 in the Kudumbi Community in Vypeen, as a part of their special camp . Dr K Prakash , Mr. Vinod Babu Managing Partner , Palladium Properties limited , Programme Officers Dr. Usha Nair & Smt. Tresa Felitia addressed the gathering.

Date	Activities
1 <sup>st</sup> to 31 <sup>st</sup> Jan. 11	Rajalakshmi G. attended the Republic Day Parade camp held at New Delhi
21st to 23rd Jan. 11	Attended Inter Collegiate Camp at St. Thomas College, Pala
22.01.11	National Youth Day observed in collaboration with Department of Field Publicity, Cochin South Rotary. One day workshop on Personality Development and Soft Skills was given to the N.S.S volunteers by Sri. Renjith Kumar, coordinator Nehru Yuva Kendra.
31.01.11	N.S.S volunteers participated in the human chain campaign for a tobacco-free Ernakulum district for which the unit received an award from the Honorable District Collector on 17th February 2011
02.02.11	A protest Rally was organized to protest against the violence against women and to condole the death of Soumya, a train rape victim
18th - 20th Feb. 11	3-Day Camp- Visit to Palliative Care Centre in Perumpadappu, sessions on yoga and meditation, campus cleaning and library cleaning were organized. As a part of the activities of the Red Ribbon Club, a talk was organized for the volunteers from Prathyasha Bhavan.
21st - 26th Feb. 11	Swetha S. participated in the 3rd SAARC Youth Camp held in Addu City, Maldives, received a certificate for outstanding participant.
04.03.11	Alzheimer's day was observed and 50 N.S.S volunteers participated in a Memory Walk organized by the Alzheimer's society.
08.03.11	Centenary Year of the International Women's Day was celebrated on March 8th 2011 in collaboration with Women's Cell & Cochin Central South Rotary. Smt. Leela Menon, Smt. Rose Mary, Smt. Beena Kannan, Dr. Bhanumathi, Dr. Beena I.A.S., Smt. Geethu Mohan Das and Rev. Sr. Christabelle, Principal were honoured for their outstanding contributions to society.

24th to 26th March	A Health and Nutrition Survey titled 'A study on the perceptions & Practices of College Students in an urban area relating to Women's Health issues' was conducted in collaboration with the Department of Community Medicine Amrita Institute of Medical Sciences and Research Centre
28.03.11	The foundation stone was laid for the house of Sri. Chandrahasan of Kudumbi Community, a deserving candidate, at Pudukkottai by Rev. Sr. Christabelle.

- AASTHA*-campaign for Dyslexia- Learning Disability- to conscientise parents and the public.
- '*VIDOORAM*' – a campaign for addressing the varied needs of Alzheimer's affected individuals.
- '*Memory Walk*' is organized annually in collaboration with Alzheimer's Society of India.
- '*SWAR*'- a campaign against the abuse of women
- Anti- Harassment Cell to protest against harassment of women in buses and public places.
- '*MANIMUZHAKKAM*' – a street play on AIDS Control, organized for creating awareness among students and the public.
- Signature campaign was organized for sensitizing students and people to care for the elderly.
- Workshop on Behaviour Therapy through Theatre.
- A series of talks on Adolescent Health and Hygiene.
- One day workshop on Breast Cancer organized for staff, students and public by the Cancer Society of India.
- Department wise students bring extra food packets once a month which are distributed among street children of Kochi through NGO's- '*Love and Care*'.
- On 'World Food day' the students and staff of the Institution bring food grain and through NGO's it is made available to the needy and marginalized in the suburbs of Kochi.

#### Arts Festivals

- Our dancers bagged the III prize at the Dhoom Dance Competition conducted by Rosebowl.
- Students participated in the South Zone Inter University competitions in Sastra University, Tanjore, representing MG University for the Western Group Song, Elocution and Debate Competition. We bagged the III prize for Elocution.
- Anjala Parveen and Maria Rajan Thaliath of III English Literature won the II prize for a paper presentation on Ecology and Poetry at a National seminar conducted by St. Xavier's College, Aluva.
- An inter Collegiate Quiz competition was conducted at NSS Hindu College, Changanassery.
- Akhila Kumaran and Lakshmi R Nair of IIIrd Economics bagged the I prize.
- An essay writing competition was conducted by Kanayanoor circle Co-operative Union. Shine Brijit of I Economics and Rosemol of II Economics bagged the I and II prize respectively.
- Maria Rajan Thaliath of III English Literature bagged the I prize in Mock Press and Lini Jolly of Ist Sociology bagged the I prize in Sargapadham – A Literary Pentathlon competition conducted by Sacred Heart College, Thevara.
- A dedicated group of students participated in various individual and group events, at the **University Youth Festival** scheduled from 27<sup>th</sup> to 31<sup>st</sup> January. After a period of seven years, St. Teresa's was crowned the **Overall Champions**.

Event	Position	Level	Organized by
<b>SANSKRITHI</b>		Inter collegiate	M.A. College , Kothamangalam
Miss Sanskrithy	Title		
Mime	Second		
<b>RAAGAM</b>			NIT, Calicut
Fashion Show	II Prize		
Creative Writing	First		
Miss Ragam	Runner Up		

<b>STAR WARS</b>		Inter collegiate	Kairali TV
Group Dance	First		
<b>UNIVERSITY YOUTH FESTIVAL</b>	I Runner up	Inter collegiate	Mahatma Gandhi University
<b>UNIVERSITY YOUTH FESTIVAL</b>	Overall Championship	Inter collegiate	Mahatma Gandhi University

### Sports & Games

- Our college shows gradual improvement in the Mahatma Gandhi University Sports ranking, among 61 affiliated colleges we secured 13<sup>th</sup> Rank last year. This year also the department of physical education bring many laurels to the college.

#### INTERNATIONAL LEVEL

- **Megha Merin Ninan** of III B.Com and **Linymol P.S.**, II B.Com. **represented INDIA in the World University Badminton Championship held at Shenzhen, China** from August 12 to 23<sup>rd</sup> 2011

#### NATIONAL LEVEL

Five of our students represented Kerala state for the National Championship for various Sports and Games.

- Chippy K.J. : Represented Kerala State for the Junior National Cricket Championship held at Andhra Pradesh on 5<sup>th</sup> Oct 2011.
- Megha Merrin Ninan : Represented Kerala State in mixed doubles in Senior Major Ranking tournament held in Bangalore on 5<sup>th</sup> September 2011.
- Linimol P.S : Represented Kerala State in Doubles in the All India Senior Ranking Tournament held at Bangalore from 1<sup>st</sup> to 5<sup>th</sup> September 2011.
- Anupa Sasi : Selected to represent Kerala State for the Womens National Basketball Championship on 24<sup>th</sup> November 2011.
- Ramsheena A.R : Represented Kerala State in the Womens National Kabaddi Championship held at
- Preetica Biswas : Selected to represent M.G University in the All India Interuniversity Tennis Championship for the year 2011 - 2012.
- Ramsheena A.R : Selected to represent M.G University in the All India Interuniversity Kabaddi Championship for the year 2011-12
- Megha Merin Ninan : III B.Com,
- Linymol P.S : II B.Com
- Amala Bennen : II B.Com

#### UNIVERSITY LEVEL

- This year we have participated in many Intercollegiate Championships.
- College Tennis Team won the Second Position in the M.G University Intercollegiate Tennis Championship held at Kadavanthra on 29<sup>th</sup> August 2011.
- Our College Table Tennis Team won the third Position in the M.G University Intercollegiate Table Tennis Championship held at B.K. College Amalagiri on 3<sup>rd</sup> October 2011
- College Basketball and Aquatic Team won the Forth Position in the M.G University Intercollegiate Championships.

- College Badminton Team won First position the M.G University Intercollegiate Badminton Championship held at Kolenchery, on 20<sup>th</sup> December 2011.
- Our Basketball team won the second position in the Senior District Basketball Championship held at St.Xeviers College, Aluva on 11<sup>th</sup> November 2011.
- Our Athletic Team won the Runner Up Trophy in the District Senior Athletics Championship held at Ernakulam on 17<sup>th</sup> & 18<sup>th</sup> September 2011
- Our volleyball team won the Runner-up Trophy in the Youth District Volleyball Championship held Govt. H.S.S Patralam
- Three players of our Basketball team got selection to represent Ernakulam District for the Senior State Basketball Championship held at Trivandrum
- One student of our college got selection to represent Ernakulam District for the Senior State Kabaddi Championship
- Four students from Cricket team got selection to represent Ernakulam District for the Senior State Cricket Championship held at Idukki

### **TOURNAMENTS**

- Conducted summer Coaching Camp for volleyball players from 9<sup>th</sup> May to 1<sup>st</sup> June 2011
- Our college students and staff participated in the Olympic Run conducted by Olympic association of Ernakulam on 26<sup>th</sup> June 2011
- M.G University Intercollegiate Tennis Championship on 29<sup>th</sup> August 2011 at Kadavanthra
- 86<sup>th</sup> Annual Sports Day was inaugurated by Rev. Dr. Helan A.P., Principal, ST. Teresa's College, on 19<sup>th</sup> December 2011 at Maharajas College Stadium, Ernakulam. The invited guest for the day was Mr. Sellen A.P, Head of the Department of Physical Education, Maharajas College, Ernakulam, and Sri Purushothaman P, Administrator, Maharajas College Stadium. Various Events like 100mts, 200mts, 400mts 4x100mts Relay, 4x400mts Relay, Shot put, Long Jump, High Jump and Tug of War were held for the students. 50mts, 400mts walk, Shot put were also organized for the teaching and Non-Teaching Staff College Annual Sports Day.
- Senior District Volleyball Camp on 12<sup>th</sup> to 16<sup>th</sup> December 2011

### **17. Industry Varsity Linkage**

- The institution has established linkages with software companies such as Wipro Technologies, Google, Infosys, Cognizant, TCS, Wipro, HCL, South Indian Bank, IBM, H.P, JP Morgan Services, Patni Computers, NorthGate ARINSO, UST Global, OPI, KGIS, Tech Mahindra, Accenture, ALL SEC, i-GATE, Spectrum Info-tech, Radio Mango, T.V. channels, Newspapers in connection with the placement of 660 students.
- **SUTHERLAND Global Services** signed an MOU with St. Teresa's College, as a prospective institution to provide students who will be trained by the former to become competent in communication.
- The Institution has signed an MOU with **Tax Study Centre**, Authorized Training Center of SIDCO and Government of Kerala Undertaking to train the students in Accountancy and Tally Courses.
- Department of English
- On Going Overseas Educational Linkages with the London Metropolitan University, U.K, Deakin University Australia, Normal University East China, on Collaborative Research programmes.
- Deakin University, Australia
- Bharathiar University, Coimbatore
- Manonmaniam Sundaranar University, Tirunelveli
- GIEWEC
- St. Teresa's School, Ernakulam

- St. Antony's School, Kacheripady
- Advertising Agencies in the city
  
- Department of Botany
- KA Limited, Aluva
- Department of Chemistry
- Dr. Anu Gopinath; International Collaborative research programme involving research institutes from countries like China, Korea, Thailand, Malaysia, Indonesia, Philippines, Vietnam and Singapore; on Radionuclides in edible sea foods of Kerala and Lakshadweep coast.
- Dr. Anu Gopinath; International Collaborative research programme with Korea Ocean Research and Development Institute.
- Dr. Anu Gopinath; National Oceanographic center, Southampton, UK, Centre of Marine Biotechnology, CUSAT and School of Biosciences, M G University, Kottayam
- Department of Commerce
- Tax Study Centre for conducting Accountants practitioners course.
- Tax Study Centre commenced classes in January.
- Department of Computer Applications
- Collaborated with 'Nanma', an NGO in connection with the Teresian Rural Outreach programme activities of the department
- Department of Home Science
- Collaboration with Spices Board in the 'All India co-ordinated Project on Indian Ethnic Cuisine
- Department of Economics
- KILA
- MUN India
- CSES
- Corporation of Cochin
- Department of Mathematics
- Seminars are organised in collaboration with Kerala Mathematical Association.
- Womens study centre
- Handloom weaving centres at Chendamangalam in Thrissur, Balarampuram in Thiruvananthapuram
- The students of P.G.Diploma in Clinical Nutrition and Dietetics had done a 2 month hospital internship in Multi-speciality hospitals like Lakeshore, AIMS, Medical Trust hospital, Lissie Hospital, Ernakulam and Pushpagiri hospital, Tiruvalla.
- Krishna Hospital, Ernakulam for conducting Diagnostic test at the hospital lab.
- Casino Hotel, Ernakulam.
- Department of Zoology
- MOU signed Dr. Rath Research Foundation, USA.
- Linkage with Health Now Initiative.

#### **18. Academic Tie-Ups**

- The Institution has signed an MOU with London Metropolitan University in 2008 to have collaborations in the academic programmes.
- Department of Zoology has signed an MOU with Health Now Initiative, Ernakulam and Dr. Rath Research Institute, California, USA to develop cooperative efforts in research and education with focus on Natural Health and Cellular Nutrition.
- Institution has signed an MOU with Indira Gandhi Open University- Convergence Scheme in conducting Certificate / Diploma Courses for the regular students. The Institution has Collaboration/ Linkage and Consultancy with the following Universities at the International/ National level:

- Essex University, U.K.
- Deakin University, Australia
- East China Normal University
- Collaboration in the International Project formulated during the Second IOC/WESTPAC training programme – on Water Quality and Impact on Coral Reefs
- National Institute of Technology, Calicut
- CIFT – Central Institute of Food and Technology
- ICAR- Indian Council of Agriculture and Research
- Institution is a Partner Institute under IGNOU Convergence Scheme
- Consultancy for schools and colleges on framing academic programmes
- Consultancy in framing syllabus for Universities, NGOs and GOs
- International research consultancy with foreign Universities
- Consultancy in the field of Tourism and Development
- Consultant for the leading Dailies in Kerala
- Consultancy in the field of Health and Nutrition, Food and Nutrition
- Consultancy for Centre for Disability Studies
- Consultancy in the field of local administration in collaboration with KILA – Kerala Institute of Local Administration
- Consultancy in the field of Fashion Designing and Apparel Merchandising
- Consultancy for Self Help Groups and Women Entrepreneurs

**19. Student Progression (eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )**

The institution is proud of its students who have marched forward and become torchbearers of social change. Dr.Jancy James - the first woman Vice Chancellor of Kerala, Prof Mercy Williams - the first Woman Mayor of Cochin, Susan Thomas IRS - Asst.Commissioner of Income Tax, Shahanaz Habib -Awardee of Ford Foundation, U.S.A., Dr.Jean John Vadakkan - Post Doctoral Fellow in U.S.A., Ranjini Jose-Famous Play Back Singer in Kerala, Divya Unni -

Leading Cine Star in India, Cini Jose Kavalakatt- Sports Star who represented India in China, Sheeba. K.S.- Zonal Manager, Reliance Insurance Company and Shabana Syed - Researcher in Australia are names worth mentioning.

**20. Campus Recruitment**

The college has links with various reputed industries/software companies / organizations. The HR managers visit the college to motivate and update the knowledge on current trends in the industry and convey the expectations of the recruiting industries. Career Guidance and counseling, recruitment drives are regular features of the Institution.

Some of the reputed firms and companies that have recruited our students include:

Sl.No.	Name of the Firm	No. of students	
		Attended	Selected
B.	GOOGLE India	196	2
C.	Wipro Technology	10	2
D.	Radio Mango	50	4
E.	Spectrum InfoTech	75	23
F.	Outsource Partners	60	18
G.	Teach for India	70	1

**21. Number of PhD's Produced if your college is an approved Research Centre**

Sl. No.	Name of Research Scholar	Title	Ph.D awarded
1.	Smt. Shilpa Jose	Development & Field testing of a nutritional and health assessment tool for the elderly	Sept. 2011
2.	Smt. Lizmitha Godwin	Health and Nutritional status of Women and Pre-School children in urban slums of Kochi	March 2011

## 22. Research Scholars Registered in the College

Sl. No.	Name of Research Scholar	Title	Name of Guide
1.	MS.Sony J. Chakkalackal	Endosulphan in selected ecosystems of Kazarkode- formulation of GIS model	Dr. Anu Gopinath
2.	Smt. Pearly Antony O	Impact of Development Projects on Labour Mobility of Fishermen in Goshree Islands	Dr.Helan A.P
3.	Smt. Sajitha J. Kurup	Professionalism among married women teachers	Dr. Ramola B Joseph
4.	Mr. Suresh Babu P.	A Sociological study of Insulin Dependent Diabetes Mellitus on Adolescents & Youth, Govt Hospitals of Kerala	
5.	Sr. Maries V.L.	Adolescents in Contemporary Kerala Family Issues & Challenges	Dr. Shally Joseph
6.	Smt. Sindhu C.A.	Abandoned Muslim Wives 'Victims of Early Marriage'	
7.	Smt. Fathima T.	Matriliny favours Women: Reality or Myth? A Comparative study of the Socio-cultural status of Mappila Muslim Women in Matrilineal and Patrilineal Families of Malabar	
8.	MS. Divya Jose	Ethnographic study on Konkani migrants in Kerala	
9.	Sri. Arun R.	Dissolution of Marriage in Urban Context "A Sociological Analysis	Dr. Celine E.
10.	MS. Sonia Paul	Issues and perspectives in teaching, writing skills in English to students of B. Tech. in Kerala	
11.	MS. Radhika S.	Multiple Feminine Voices : A Study of Polyphony in the select Fiction of Vaikom Muhammad Basheer & Orhan Pamuk	
12.	MS. Chandijy Xavier	The World of Intrigue & Deception in Selected Indian Plays	
13.	MS. Devaki Antharjanam	The Tinai Concept in selected Novels of Margret Laurence, T. Hardy and T.S Pillai	
14.	MS. Mary Limna Biswas	Disengaging from a Post Modernist Reading	Dr. Latha Nair R.
15.	Smt. Sajimol Augustine M.	Synthesis of polymer nanocomposites their characterization	S Jayalakshmi

16.	MS.Priya Parvathi Ameena Jose	Spectral and non linear characteristic study of nano structured films of some semiconductors	Dr. Kala M.S.
17.	Smt. Susan Mathew	Preparation and characterisation of nanostructured thin films	
18.	Smt. Mary Vinaya	Chaotic Dynamics of Some Systems	Dr. Rose P Ignatius
19.	MS. Mary Linsa K.S	Solid Oxide Fuel Cells	
20.	MS. Minu Pius	Holographic Multiplexing	Dr.CSudhaKantha
21.	Smt. Meena Thomas Irimpan	Pharmacognostic, Phytochemical and Biological activities on some Anti-ulcer herbs	Dr. Sheela D
22.	Mr. Ramesh K.N.	Effect of Heavy metals on Cowpea and Bhindi	
23.	Smt. Neena Unnikrishnan	Pharmacognostic, Phytochemical & Antimicrobial studies of barks of some selected species of Ficus	
24.	MS. Sreelakshmi S. G	Phytochemical and nutritional studies on Dolichos biflorus Linn	Dr. Sr. Avita
25.	MS. Baby Usha Kiran	Evaluation of phycocolloid content among the commercially important seaweeds of Kerala coast	Dr. Merlee Teresa M.V.
26.	MS. Tessy Paul P.	Studies on the algal flora of Kole Lands of Trichur	Dr. R. Sreekumar
27.	MS. Anju M. Neelujara	Reproductive health & nutritional profile of women in the coastal areas of Alleppey Dist. of Kerala	Dr. K.S. Kumari
28.	MS. Madhumitha Rajendra Prasad	Development of value added products with Jackfruit	
29.	MS. Celine Mathew C.	Development of an intervention module for management of Diabetes Mellitus	
30.	Smt. Sheelamma Jacob	Nutrition and home correlates on growth and development of children below 2 years in coastal communities of Kochi	
31.	Smt. Anju Jose	Use of convenience foods- a KAP study on working and non-working women of Kochi	
32.	Smt. Shilpa Jose	Development & Field testing of a nutritional and health assessment tool for the elderly	
33.	Smt. Lizmitha Godwin	Health and Nutritional status of Women and Pre-School children in urban slums of Kochi	
34.	Smt. Reshmi H. Poojara	Safety of Street Vended Food in Kochi	Dr. Usha Chandrasekhar
35.	Smt. Betty Rani Isaac	Energy balance of underweight, normal and obese adults in Kerala	
36.	MS. Sangeetha R	Formulation of natural antioxidant tablets and testing its efficiency	
37.	MS. Ramya R.	Nutritional status of adolescent girls & impact of intervention programmes	Dr. Anooja Thomas K.
38.	Smt. Susan Cherian	Energy Consumption & conservation practices of urban home makers	Dr. Kamamma



39.	MS. Sonia S.	Agyey Ke Yathra Vvrithanthom Ka Samagra Adyayan	Dr. Helen K.J.
40.	Sri. Satheesh S.	Agyey Ke Upanyasom Mein Katha BashaKka Samajik Sandarbh	
41.	Sri. Ajish M.	Premchand Ke Upanyasom Mein Dalit Chetna	
42.	MS. Praseeja N.M.	Mehrunisa Parvez Ke Upanyasom Mein Chitrit Stri	
43.	MS. Deepa G. R.	Khanikar Gyanranjan – Ek Adhyayan	

### 23. List of Research Guides in your College with e-mail & website

1. Dr. Anu Gopinath : [anugowri@hotmail.com](mailto:anugowri@hotmail.com)
2. Dr. Helan A.P : [srteresacsst@gmail.com](mailto:srteresacsst@gmail.com)
3. Dr. Ramola B Joseph : [ramolabj@hotmail.com](mailto:ramolabj@hotmail.com)
4. Dr. Shally Joseph : [jacobs11782@hotmail.com](mailto:jacobs11782@hotmail.com)
5. Dr. Celine E. : [srvinithaakieas@gmail.com](mailto:srvinithaakieas@gmail.com)
6. Dr. Latha Nair R : [lappi\\_9@yahoo.co.uk](mailto:lappi_9@yahoo.co.uk)
7. Dr. Kala M.S. : [kalasajeev@hotmail.com](mailto:kalasajeev@hotmail.com)
8. Dr. Rose P Ignatius : [rosgeo@yahoo.com](mailto:rosgeo@yahoo.com)
9. Dr. Sheela D : [sheelajaayaghosh@gmail.com](mailto:sheelajaayaghosh@gmail.com)
10. Dr. Sr. Avita : [sravitacsst@gmail.com](mailto:sravitacsst@gmail.com)
11. Dr. Merlee Teresa M.V. : [merl1947@yahoo.com](mailto:merl1947@yahoo.com)
12. Dr. K.S. Kumari : [kumariks@rediffmail.com](mailto:kumariks@rediffmail.com)
13. Dr. Helen K.J. : [helenkj@rediffmail.com](mailto:helenkj@rediffmail.com)

## St. Xavier's College for Women, Aluva

**1.Name of the College** : St. Xavier's College for Women, Aluva  
 (With e-mail and website) : [stxaverscollege@asianetindia.com](mailto:stxaverscollege@asianetindia.com)  
 : [stxaversaluva.ac.in](http://stxaversaluva.ac.in)

**2.Name of the Principal** : Sr. T.F Pauly

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Teaching Permanent</b>	-	47	-	1	47
<b>Adhoc</b>	-	27	-	-	27
<b>Non Teaching</b>	5	14	-	-	19

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
Maths	-	52	M.Sc Physics	-	15
Physics	-	42	M.Com	-	19
Chemistry	-	29	MA English	-	19

Botany	-	42	M.Sc Microbiology	-	12
Zoology	-	42			
Zoology (Voc)	-	29			
English	-	52			
Malayalam	-	52			
Economics	-	60			
Comm. English	-	39			
B.Com	-	52			

### 5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
English	-	49		40	M.A. English	-	19		15
Malayalam	-	46		46	M.Sc. Physics	-	14		3
Economics	-	59		47	M.Com.	-	17		13
Comm. English	-	35		28	M.Sc. Microbiology	-	7		2
Mathematics	-	47		44					
Physics	-	34		32					
Chemistry	-	24		19					
Botany	-	29		22					
Zoology	-	35		34					
Zoology (V)	-	25		20					
B.Com.	-	56		56					

### 6. Details of Tests cleared by Students

Sl. No	National Level	State Level
1	15 students qualified UGC-CSIR-NET	-

### 7. Library

- (a) Total Number of Books : 54263  
(b) Total Number of Journals : 76  
(c) Total Number of Periodicals : 16  
(d) Numer of titles added during the year : 580

### 8. Grants Received From

- (a) State Government : Nil  
(b) Central Government : Nil  
(c) University Grant Commission : 2199294/-  
(d) Others - Specify : Nil

### 9. Projects Undertaken

- a).Dr.Sybila Pius Fernandes : “SOCIAL SERVICE MARKETING WITH SPECIAL REFERENCE TO PULSE POLID PROGRAMME IN ALUVA CITY”  
b). Ms.Sheena Xavier : “SYNTHESIS AND CHARACTERIZATION OF COBALT BASED NANO RERRITES”  
c). Dr. Ansa Alphonsa Antony : “BIVARIATE SURVIVOR FUNCTIONS OF COMPETING RISK MODELS UNDER DEPEDENT CENSORING”

### 10. Seminars Conducted

#### National Level

- The Departments of English, Malayalam and Hindi jointly organized a National Level Seminar and Paper Presentation on the topic “Ecology and Poetry.

- The IQAC of the college is planning to conduct a UGC sponsored National Seminar on “Enhancement and Sustenance of Quality in Higher Education- Widening Horizons” on 23<sup>rd</sup> and 24<sup>th</sup> February 2011 in association with The Federal Bank, Aluva.
- The department of Malayalam and Tharathamya Padana Sangam (Thapasam) jointly organised a National Seminar on “Thargimayum Sahithyavum” on March 2011.
- National level Lecture series on “Negotiating Contemporaneity the Value Additions offered by Indian English Poetry, Drama, Fiction and Film” at the college.
- National seminar on ‘Financial Sector Reforms’ sponsored by UGC, conducted by the Postgraduate department of Commerce.

**11. Publications by the Faculty with Impact factor of the Publications** (A Short Description)

Dr. Sybila Pius Fernandez, Department of Commerce

- A study on educational loans of banks with reference to Kerala - Research lines Vol 4 No 1-C Jan 2011.
- A study on job stress of executives working in BPO’s with special reference to Ernakulam - Research lines Vol 4 No 1-C Jan 2011.
- Shareholders Agreement and Indian Companies Act – Indian Commerce Bulletin June 2011
- A study on effectiveness of Pulse Polio Programme in Aluva city. Research Scholar Dec. 2011
- An evaluation of Pulse Polio Programme in Aluva city. Global Research Review Dec.2011
- Global Economic Crisis and its impact on India and resilience. Global Research Review Dec. 2011
- A study about Role of Banks in commodity derivatives and the effect of global melt down on Indian commodity derivatives market. Explorations December 2011.

**Dr. Raji Joseph, Department of Commerce**

- Asset-Liability Management in the context of Globalisation: Aims and Strategies” Published in Indian Commerce Bulletin – A journal of Research on Business Studies, Commerce Association of Kerala Vol.VII, No. 1 & 2.
- Republished in the book Development Agenda of Third World Countries under the WTO Regime VI.2 Serial Publications, New Delhi
- A study of Interest Rate Risk Management and Profitability of Banks: published in Research Lines, Interdisciplinary Research Journal Deva Matha College, Kuravilangad, Vol.IV No.1C January – June 2011
- Management in India-Transition from Patriarchy to Professionalism. Published in Indian Commerce Bulletin, A journal of Research on Business Studies, June 2011. Vol. XI : No.2, Vol. XXI: No. 1 & 2.

**Dr. Annie Feby, Department of Zoology**

Sponge-associated bacteria of Lakshadweep coral reefs, India: resource for extracellular hydrolytic enzymes. Advances in Bioscience and Biotechnology 1: 330-337 doi:10.4236/abb.2010.14043

**Dr. N.V Sujatha, Department of Physics**

- Survey of O VI absorption in the Large Magellanic Cloud, A. Pathak , A. C. Pradhan, N. V. Sujatha and J. Murthy, 2011, MNRAS, (published).

**Dr. Vimala P, Department of Commerce**

- Employment Generation through NREGs in Kerala. Southern Economist. Vol 50 (1) May 2011 pp.55-58

**12. Research Highlights of Faculty/Scholars** (A Short Discription)

- Four scholars have registered for Ph.D under the guidance of Dr. Sybila Pius Fernandez.
- Dr. Vimala P, guiding eight research scholars leading to Ph.D of M.G University.
- Dr. Sujatha N.V, guiding one research scholars

**Dr. N. V. SUJATHA** received her PhD from Mahatma Gandhi University, Kottayam in the area of Non Linear Dynamics and Chaos. She also qualified the National Eligibility Test (NET)& JRF of UGC-CSIR in 1997. After her PhD she was doing research work in different areas of UV Astronomy as a Post Doctoral Fellow on an ISRO Respond Project first and then

as a DST Scientist for about 8 years at Indian Institute of Astrophysics, Bangalore. She has published about 20 papers in major journals including the prestigious Astrophysical Journal & Monthly Notices of Royal Astronomical Society. She has been actively doing research work in collaboration with Prof. Jayant Murthy, IIA, Bangalore and Prof. Richard Conn Henry, The Johns Hopkins University, Baltimore, USA. Her current areas of research are Diffuse Ultraviolet Sky, Modeling, Interstellar Medium & Dust, Extragalactic Radiation. She has also been working as the Principal Investigator of DST projects funded by SERC Fast Track Scheme for Young Scientists. Currently 1 Ph.D. Student is doing their doctoral work under her supervision. She has joined here as Assistant professor in 2011.

### 13. Academic Achievements (A Short Discription)

The students of the college are getting benefitted by a number of scholarships which help them bloom in their respective disciplines. The **Central Sector Scholarship** awards an amount of Rs. 10,000 for the brilliant students, and we are proud to declare that 16 students of the college are availing this great opportunity. **Sitaram Jindal Foundation** has selected 8 students from the college, and they are awarded a scholarship of Rs.4200 per year. 14 students of the college are getting a grant of Rs.1250 per year with regard to **State Merit Scholarship**. An amount of Rs. 1850 per year is awarded to 128 students as **Post Metric Scholarship**. **Muslim Nadar Scholarship** gives Rs.125 per year to 22 Muslim students of our college. 3 students are benefitted from the **Hindi Scholarship** and they are availing an amount of Rs. 500 per month. Scholarships are given for the **SC/ST/OBC/OEC** students to give them more opportunity for higher studies.

The NSS unit of the college bagged the awards for Best Unit, Best Teacher Co-ordinator, Best Student Volunteer for the last five years and the Best Supporting Principal. The Pain and Palliative Care Unit under the NSS unit received 'Best Pain and Palliative care unit award' from Madhya Kerala Social Forum. The NSS unit received special awards for motivating voluntary blood donation from KSACS, and TERUMI PENPOL. State award by KESACS for repeated regular female blood donor was bagged by Ms. Sheena Xavier, Associate Professor, Dept. of Physics. The NCC unit of the college could secure Overall Championship in Seven Kerala Girls Battalion, NCC Unit Trissur and Ashida of II English Literature is selected as the Best Cadet. Sevana Award - Sevana Award for social activities instituted by Jana Seva Sisubhavan.

### 14. Student Achievements - Academic (A Short Discription)

List of rank holders

Zoology Vocational I Rank	Farhana Farhad
	II Rank Neenu Jayan
B.Com	III Rank Uma Sankari IV
Malayalam	Rank Ponnumol

The college union election was held in the month of October 2011. The following is the list of the office bearers:

Chairperson	:	Anna Anit P V
Vice Chairperson	:	Meria Meenu Jacob
General Secretary	:	Geethu M Jose
Arts Club Secretary	:	Sulmi Legin
Magazine Editor	:	Archana Mohan
UUC	:	Beeshma Raj, Jimsha John
2 PG Rep.	:	Neethu Antony
1 PG Rep	:	Diana
3 DC Rep	:	Tina Thomas
2 DC Rep	:	Subhana Zacharia
1 DC Rep	:	Rosemol Hilaris

The Student Council and Arts Club inauguration of the college was held on 12th December 2011. The meeting was presided over by the Principal, Rev. Sr. Percy and the chief guests of the day were Mr. Hibi Eden M.L.A, Ernakulam and Mr. Kunchako Boban, the cine artist. It was on this day that the student council members took the oath and formally marked the beginning of the college union activities for the academic year 2011-2012. The solemn session of inauguration was followed

by a variety of entertainment programs. Various competitions like Xaverian Queen Contest, Bridal Queen Contest, Miss Beautiful Hair Contest were also held on the same day. The day was a colourful one with the whole-hearted cooperation of the staff and students and there was maximum enjoyment.

Onam was celebrated in the college with great enthusiasm. Malayalimanka, onappattu, onashilpam and pookalam competitions were held for which students actively participated.

As a part of the Christmas celebration, the student council along with AICUF, visited old age home and orphanages at Varapuzha, Koonammavu and Aluva. Students spent the day with people there by singing songs, giving Christmas message, cutting cake and dancing with the Santa.

Christmas celebration of the college was on 22 December 2011. Carol singing and live crib making were the competitions held on that day. A quiz on Christmas legends and myths was also conducted. The day was blessed with the principal's Christmas message.

The college youth festival was conducted on 4th, 5th and 6th of January 2011. Students participated in various individual and group items for the M.G university youth festival.

A seminar on 'feminine hygiene' was conducted by representatives from Wager International Trade Link India Prvt. Lmtd under the auspices of the student council.

A two day inter institutional cultural fest was conducted by the final year Communicative English students in which more than 10 colleges participated and about 1300 people witnessed the duofesto. It was inaugurated by Stephen Devassy and cine artist Ananya, became a grand success with the performance by DJ Savio on the second day. The competitions were Tela Synchroniza (split screen), Flair O'Poeme (draw the poem), Estilo Blanda (theme dance), Ad Blitz (create an ad), Mimer Le Elegancia (mime), and La Banda (western band). Cash prizes worth Rs.30000 were awarded to the winners.

#### **15. Students Activities/ Achievements –(Extra Curricular)**

##### **(a) National Cadet Corps**

The NCC unit has a strength of 108 cadets under the guidance of 7(k) girls battalion, NCC, Thrissur. The senior under officer Ashida P.A and Ayshamol C.M attended the republic day parade at Delhi. Ashida P.A was selected as the Best Cadet of Kerala and Lakshadweep. The unit celebrated the Independence Day and the Republic Day. On Independence day Aluva Municipality conducted a rally ad out unit won first prize for the Tablaue competition. Combined annual training camp was conducted at St. Joseph's College, Irinjalakuda during the Onam holidays and the cadets secured the Overall Championship in the camp. The Junior Under Officer Ayshamol C.M attended the officers training camp at OTA, Chennai. She is the one among the three cadets selected from Kerala for this camp. The cadets Freny Ann Gonsalvez and Madonna Antony attended the Basic Leadership Camp at Kanpur and their team won the overall championship in the camp. Cadets made active participation in the blood donation camp and AIDS day rally on 1<sup>st</sup> December 2011 i.e., on AIDS day. Thirty cadets attended the Annual Training camp at Carmel College, Mala. The Junior Under Officer Anu Varghese selected as the company senior. Cadets Angel Joy, Sukanya K.S, Saby Tresa attended the National Integration camp at Shimla. They got 2<sup>nd</sup> prize for cultural and became the runners up among 17 directorates of India. Maria Meenu Jacob attended National Integration camp at Delhi. She is selected as the best M.C for their camp. Ashida P A and Ayshamol C M attended the Prime Ministers rally at Delhi. They are the two among the nine girl cadets from Kerala. Meria Meenu Jacob participated in the cultural event for the same. JUO. AYSHAMOL C.M is the Gold medalist in senior wing girls drill competition at all India level. She had the rare opportunity to dine with the president of India, Smt Prathibha Devi Singh Patel. SUO. ASHIDA P.A is selected as the Best cadet of Kerala & Lakshadweep directorate. Conducted Trekking to Peechi.

##### **(b) National Service Scheme**

The activities of the N.S.S. Unit of the college were formally inaugurated by M.L.A. Sri Anwar Sadath. The unit organized blood donation camps on World Blood Donors Day and also in the months of October and December in which many students donated blood. The NSS unit also helped in the construction of two houses for the poor this year. NSS volunteers and Programme Officers participated in the Independence Day Rally and attended the Independence Day Celebrations at Municipal Town Hall, Aluva.

An eye donation campaign was organized by the NSS unit along with the District Medical Office. M. G. University NSS Programme Officers' Conference and the Award Presentation Ceremony were hosted by St. Xavier's College. Dr. Rajan Gurukkal, Hon'ble Vice-Chancellor of M.G. University inaugurated the conference. The NSS unit organized a Vidhava Sangamam on 6<sup>th</sup> September in which nearly 500 widows participated. They obtained self-employment training in flower making, umbrella making, book binding, soap powder and sandal stick making. Under the auspices of the NSS unit, Blood Bank Aluva, IMA Madhya Kerala and Kerala Action Force, a rally was organized on National Blood Donation Day. The Volunteers wholeheartedly took part in the cleaning activities organized by Aluva Municipality and cleaned the public road in front of the college as a part of the Cleanliness Week. A meeting was arranged on World Sight Day in association with Darsana Eye Bank. World AIDS Day was observed with a rally, a positive speaking session and a poster exhibition to impart AIDS awareness among students. The NSS unit and the college PTA together organized a rally in Aluva town supporting the construction of a new dam at Mullaperiyar. One hundred and twenty one NSS volunteers participated in the "Shuchithayagnam Rally" organised by Rajagiri College of Social Sciences marching on foot on the highway for a distance of eight kilometers. A vermicompost unit has been setup in the college campus as a part of waste management. An awareness class on "Organ Donation after Death" was arranged for students. Eighteen volunteers participated in the training programme conducted by Anwar Pain and Palliative Hospital, Aluva. The NSS unit has been actively participating in various campaigns organized for Protection of River Periyar by the Environment Protection Group, Aluva. A three days minicamp was conducted in the college for the volunteers. Classes on youth problems, AIDS awareness etc were arranged. A seven days special camp was organized at Little Flower School, Panayaikulam to fulfill the motto "Healthy Youth For Healthy India". A free eye testing camp, an ayurveda and homoeo medical camp were arranged for the people of the locality. NSS volunteers also conducted a health survey and social audit in ward no. 13 and 14 of Alangad Panchayat. Volunteers also planted a vegetable garden on the camp site. Financial assistance was given for the kidney transplant of a patient in the adopted village of Madhavapuram colony. The NSS unit generously contributed to the Christmas kits distributed among the dialysis patients of Government hospital, Aluva.

The NSS unit of the college could bag the awards for the Best Unit, Best Teacher Co-ordinator, Best Student Volunteer and the Best Supporting Principal for the year 2010-2011

(c) Arts Festivals

M.G. University Youth Festival "Varnam" was held at Ernakulam and college had an active participation in group items. We are proud that the laurels won by these students brought the college to the fourth position among all the college under M.G. University. The Group Dance team bagged a first prize with A Grade. The Mime and Eastern Group Song teams secured a second prize with A grade and the Thiruvathirakali team and Drama team could secure the third position. For Margamkali, we got A Grade.

Meera Johny of II Physics secured third position for Mohiniyattom and an A grade for Folk Dance and Bharatanatyam.

Geethu M. Jose of I B.A. Communicative English bagged a third prize with A grade in English Recitation.

(d) Sports

**Basketball** :- The Basketball team participated in the Golden Jubilee All Kerala Inter Collegiate Basketball tournament held at Assumption College Changanaserry, Women's state championship held at Trivandrum, Senior State Basketball Championship held at Mullankolly, Wayanad, 31<sup>st</sup> South India Inter Collegiate Basketball tournament for Baselius Trophy held at Kottayam, M.G. University Intercollegiate Basketball Championship held at St. Teresa's College, Ernakulam and our team secured the Third position. Our college bagged the Runners Up Trophy in the 18<sup>th</sup> Rev. Sr. Redempta Memorial All Kerala Inter Intercollegiate Basketball tournament

Volleyball :- **The Volleyball team participated in the Silver Jubilee Memorial South India Inter Collegiate women Volleyball tournament for Kanichai Trust Ever Rolling Trophy conducted by St. Joseph's College, Irinjalakuda, the Sr. Teresa Mary Memorial All Kerala Inter Collegiate Volleyball Championship held at Assumption College Changanaserry and also in the M.G. University Intercollegiate volleyball Championship held at Assumption College,**

**Changanaserry and our college Volleyball team won the Fourth position. The team participated in the 41<sup>st</sup> Ernakulum District Senior Women Volleyball Championship held at Sree Narayana Nagar, Cherai. Ernakulam District Youth Volleyball Championship held at Govt. High School, Eloor, the 6<sup>th</sup> Bishop Vayalil All Kerala Inter Collegiate Volleyball tournament organized by Alphonsa college, Pala and also in the 18<sup>th</sup> Msgr. Augustine Maveli**

**Memorial All Kerala Intercollegiate Volleyball tournament Organized by our college**

**Netball** :- The college Netball team participated in the M.G. University Intercollegiate Net ball Championship held at U C College, Aluva on 1<sup>st</sup> and 2<sup>nd</sup> of September 2011, and won the Third position.

**Athletics**:- Ernakulum District Athletic Meet was held on 16<sup>th</sup> to 18<sup>th</sup> September 2011, and our college team secured Team championship in the women's section. Our Athletic team also participated in the M G University Athletic championship.

**Swimming** :- Kumari Emilda P Raju of 2<sup>nd</sup> year B A Economics , participated in the M G University Intercollegiate Swimming championship held at L N C P E Trivandrum and attained 4 gold medals. She was also declared as the fastest swimmer and the individual champion in this championship.

#### **Performance of players for the year 2011-2012**

Ms Shiny K Chandy represented Kerala State for the Women's National Basketball championship, held at Bhopal, Madhya Pradesh. Ms Ashley Mathew was selected to represent M. G. University Basketball Team for the South –West Zone Basketball Championship held at Sreekandapuram, Kannur, and the team won the third position. They were also qualified for the All India Interuniversity championship held at Kurushethra, Hariyana. Kum. Ashley Mathew also represented Kerala state for the Senior National Basketball Championship held at Chennai. Ms Ranjisha K, Ms Rayana K, Aevelyn Maria Jean and Ms Ashley Mathew got selection to the MG University Netball team. Ms Aswathy K P got selection to the M G University Kabaddi team. Kum. Nishamol N, Suchithra P J and Greety Maria Varghese participated in the Senior State Volleyball Championship, held at Kozhikode .

#### **Health Club**

Many of the teaching staff and Regular students besides the sportspersons are using the facilities available in the health club, regularly.

#### **Sports Day**

Annual Intramural Sports competitions were organized at the college sports complex on 23<sup>rd</sup> and 24<sup>th</sup> of January 2011. Various events were conducted for the Students, Teaching and Non teaching staff.

#### **e) PTA**

P.T.A had organized a Xmas tree bonanza as a part of fund raising programme to construct house for the poor and needy students belonging to the marginalized section of the society. An innovative practice taken by P.T.A was to bring all the Xaverian children under one umbrella ,to cover the risk related with accidents. A general personal accident policy was taken with National Insurance Company Ltd. It covers medical expenses to Rs 150/-per student per accident and hospitalization expenses limited to Rs 2000/-. The 25<sup>th</sup> Annual General Body Meeting of the PTA was held on 8<sup>th</sup> December 2011 in the college auditorium. The rank holders and achievers were felicitated and gold medals were awarded. An orientation programme was arranged by PTA for first year degree students and their parents on the topic “Adolescence and parenting” by Advocate Charlie Paul. PTA also constructed their 5<sup>th</sup> house for one of our students belonging to 3<sup>rd</sup> year Mathematics who belongs to a very financially poor family. Thus they have very successfully donated five houses for the students belonging to the marginalised group. This was a joint venture with an NGO called ‘Kerala Action Force’. PTA took part in conducting an awareness campaign on the Mullaperiyar issue along with the NSS students of our college and Janaseva Sishubhavan. A rally was also organized for the same. PTA had very strongly supported the management financially in the relocation of the office premises. It also awarded the best swimmer Emilda Raju with gold medal.

#### **f) Others**

**XAVERIANS IN NEWS**

Xaverians captured media attention through a number of varied and unique activities. The media supports all our activities and makes the public aware of them.

#### **ADD-ON COURSE**

Under the auspices of the Department of Commerce, three Add-on courses in E-Banking, Security Analysis and Tally are being conducted, giving training to forty participants. UGC sponsored and M.G University approved ADD-ON-Course in Computer Applications is being conducted by the Dept. of Physics. Students are undergoing Certificate, Diploma and Advance Diploma courses respectively in Dept. of Physics

#### **ENTREPRENEURSHIP DEVELOPMENT CLUB**

The ED club organized a seminar on the topic ‘Personality Development’ in the academic year 2011-12. The seminar was formally inaugurated by Smt. Beena Kumari V.K, CEO and executive director of KIED .

#### **CATECHISM AND VALUE EDUCATION**

The Catechism and Value Education classes were conducted on all Tuesdays during the second hour. At the end of the academic year an examination is conducted on the topics discussed with them and prizes are awarded to the best students.

#### **WEB SITE**

St.Xaviers has got a web site with the web address [www.stxaviersaluva.ac.in](http://www.stxaviersaluva.ac.in). The web site is updated with latest news and photographs of events conducted in the college campus. All relevant information about the college is included in the site. Ms. Leena Deenja N.G of the Dept of Physics is in charge of the web site.

#### **STAFF ASSOCIATION**

The staff extended festal greetings to the Principal, local manager, general manager and Mother Superior. Onam and Christmas were celebrated with colorful variety entertainments. Sunny Diamonds conducted a presentation on the value and purity of diamonds for the teachers. SBI conducted a session on Mutual and Investments. Following this a presentation was held about interactive board and laptop for the teachers. A one day tour was also conducted

#### **OLD STUDENTS ASSOCIATION OF XAVIERS (OSAX)**

OSAX conducts tailoring and embroidery classes. Every year OSAX sponsors an endowment prize for the most deserving first year student. The Executive members visited ‘Snehakoodu’ as an outreach programme and donated Rs.5000/

#### **PLACEMENT CELL**

The Placement Cell is building long term fruitful relationship with business houses, with the aim to meet the demands of employment. The activities include Guest lecturers’ informal interactive talks with industry guest and alumni, life skill development sessions including grooming the students regarding facing the interview, mock tests and group discussions, Industrial visits resulting in project undertakings with research orientation, guidance sessions for higher education by putting notices of the same and providing database for organizations.

#### **WOMEN CELL**

Various programmes are arranged in our college by the women cell, which aims to empower the students, so that they may be equipped to face their life. An interactive session with Ms.Harshitha Athalluri IPS, Ernakulam Rural SP, discussing the various social issues faced by the students in their day today life was arranged. Karatte classes are conducted within the college by Mr. Ravi Chandran, blackbelt, which makes them lead a healthy lifestyle. A talk with Dr. P Geetha, famous Women activist was also arranged in connection with the International Women’s day.

#### **BHOOMITHRA CLUB**

BMC together with NSS unit and OISCA (organization for Industrial, Spiritual and Cultural Advancement) celebrated World Environmental Day .Inauguration was done by by Shri Induchoodan, the District Forest Officer. A special pledge for the occasion was taken by the members. A tree was planted in the college campus by the dignitaries. As part of celebration of World Environment Day an essay competition was held.

#### **XAVERIAN KIDS CARE**



A solace for the working mothers, Xavarian Kids Care is really a boon for the faculty. It is functioning very well as a care centre for the children of our faculty.

#### **RELAX**

*Retired Lecturers Association of Xavier's* is the association of retired teachers. The objective of the association is to ensure the participation of the retired teachers in the progress and development of the college. Social and academic activities are undertaken by the association. They attend all the major events and functions of the college. A counseling session led by Dr. Anoop Menon, MD in Psychiatry was arranged by the RELAX for the first year degree students. It also honoured the members who fruitfully completed 70 years in the long journey of life.

#### **RENTAX**

Retired Non-Teaching Association of Xavier's is the association of the retired non-teaching staff. This association always tries to keep intimate rapport with college and co-operates in all its activities.

#### **XAVIERIAN AICUF**

"We are born in an unjust society, we are determined not to leave as we find it" is the motto of AICUF. The Office Bearers of the AICUF for the year 2011-2012 were elected. On 'World Youth Day' the Youth Movement of Xavieran AICUF Unit was inaugurated by Dr. Paulose, the former HOD of the Department of Hindi, S.H College Thevara. To help the needy in and around Aluva Government Hospital and Old age Homes, the AICUF volunteers collected money from the students of various classes on 'World Youth Day'. The AICUF members participated in the following programmes:

'Leadership Training Programme' held at Sameesha, Kalady from 25<sup>th</sup> to 26<sup>th</sup> June 2011 and the 'Sthree Jawala -2011' from 2<sup>nd</sup> to 3<sup>rd</sup> September 2011 at Vimalalayam college Kacheripady, Ernakulam.

#### **ST. XAVIER'S EVERONN VIRTUAL LEARNING CENTRE**

Everonn Virtual Learning Centre using the satellite learning system offers interactive virtual class rooms with the aid of VSAT technology. Students can attend guest lectures on various topics by famous faculties through this platform. Various skill enhancers like – Basic English, Personality development and Aptitude Programme, Placement support program and career oriented programmes like Diploma in Banking and Finance, Certificate programme in Financial Services, Certificate programme in Bio informatics are offered by the centre.

#### **JESUS YOUTH**

Jesus Youth of the college is very active with more than 25 volunteers. Every Wednesday they gather in the college chapel and lead prayer. The prayer service of Jesus Youth was recorded by a group of TV serial team, appreciating its activities. Many volunteers actively participated in the 3 days residential retreat conducted by Rev. Fr. Uppani and team. As part of spiritual formation we have regular First Friday mass and instructions, Rosary devotion in the month of October, daily morning prayers, Xavarian Day celebrations, Christmas celebrations and Prayer sessions in the beginning of all academic years.

#### **XAVIER BOARD OF HIGHER EDUCATION**

The initial day of the academic year was begun by a prayer service and message by the Principal in our college auditorium. An orientation programme on "Education: Vision and an option" for students of Xavier Board member colleges was conducted at our college. Rev. Fr. Benoy S.J as the resource person. Students from 18 colleges attended it. A seminar on "Values of Life" was given to the hostlers by Rev. Fr. Sijo in the month of July. This was an opportunity to reveal 'Who Christ Is' supported by the clippings of Mel Gibson's film – 'The Passion of Christ'. Seminar was followed by confession and the Holy Hour. 'Rosary Month' was celebrated by reciting rosary in the month of October. Students, teaching staff and non teaching staff took initiative to lead the prayer sessions. A four days closed retreat was conducted by Rev. Fr. Uppani and his team. The Annual Regional Meet 2011 was organized at SH College, Thevara. Our college bagged the Best College Award for the initiatives taken to impart Christian values in the campus.

**16. Academic Tie-Ups (if any)**

Companies like Federal Bank, TIME, Carrier Launcher, EVERONN etc provides financial assistance, Guest lecturers and trainers to develop skills and provide on-job training and help in field survey.

**17. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	WIPRO				2
2	Infopark				3
3	Muthoot Fincorp				2

**Placements**

1	Indian Navy				1
2	St. Xavier's College for Women, Aluva				3
3	Govt. Service				7
4	Banking				15
5	Business				4
6	Teaching				25
7	LIC				3
8	Post Office				12
9	IT				25

**18. Number of PhD's Produced** : Nil

**19. Research Scholars Registered in the College** : Nil

**20. List of Research Guides in your College** (With e-mail and website)

- Dr. Sybila Pius Fernandez – Bharathiyar University, Coimbatore, [sybila.christopher@gmail.com](mailto:sybila.christopher@gmail.com)
- Dr. Vimala P – M.G University, Kottayam, [vimalap08@gmail.com](mailto:vimalap08@gmail.com)
- Dr. Sujatha N.V – Amrutha University, Kollam. Now she applying guideship under M.G University, [sujaskm74@gmail.com](mailto:sujaskm74@gmail.com)
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## Union Christian College, Alwaye

**A. GENERAL INFORMATION:**

<b>1 Name of the College/Department</b>	Union Christian College, Alwaye
E-mail address :	<a href="mailto:ucc@ucccollege.edu.in">ucc@ucccollege.edu.in</a>
Functional web site	<a href="http://www.ucccollege.edu.in">www.ucccollege.edu.in</a>
Telephone Numbers:	0484-2609194
<b>2 Name of the Principal/Director :</b>	Dr. T. Thomas Philip
Year of establishment of the College/Dept.:	1921
Are all courses affiliated to the M G University	Yes
Location of the college	Rural
Is it an Evening College	No
Is it a Minority Institute purely a women College	Yes

9. Is it purely a Women College No  
 10. Whether a P G College Yes  
 11. Whether the college offers any self Financing course Yes  
 12. Is college purely a self financing College No  
 13. Whether college offers any integrated course. If yes name it: No  
 14. Whether any new course introduced this year No  
 If Yes, Name it: NA  
 15. Whether the college comes under 

12b	2f
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 of the UGC Act.: Yes  
 16. Is the college autonomous No  
 17. Has colleges been accredited by NAAC? Yes  
**A grade (in the 3<sup>rd</sup> cycle)**  
 If Yes, Provide the accreditation status

### 3 Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Schedule d Tribe	Total
Teaching	28	57	-	-	85
Non Teaching	29	6	8	2	35

### 4. Courses Offered with Number of seats 2011-12(11/2011)

Under Graduate	Number of seats		Post Graduate	Number of seats		M Phil	Number of seats	Ph .D	Number of seats	
	M	W		M	W				M	W
I BA	65	166	I MA	10	67				3	6
I BSc	90	135	I MSc	8	83	NIL		NIL		
II BA	51	138	II MA	14	65					
II BSc	66	152	II MSc	7	67				4	2
III BA	60	154								
III BSc	74	151								

### 5. Student intake

: See the required information in Bold

### 6. Details of Tests cleared by Students (if any): See the required information in Bold

Sl. No	BA/BSc	Total Enrolment	Number of students appeared	No. of Students Passed			No. of students >= 50% & <60%	No. of students >= 60% & <80%	No. of students >= 80% or equated to grade
				Total	SC	S T			
1	History	<b>30</b>	30	<b>22</b>	3	-	12	9	1
2	Economics	<b>56</b>	56	<b>44</b>	5	0	24	16	4
3	English	<b>48</b>	48	<b>20</b>	-	-	9	11	-
4	Psychology	<b>28</b>	28	<b>22</b>	2	-	7	14	1
5	Malayalam	<b>52</b>	52	<b>17</b>	3	1	7	9	1
6	Mathematics	<b>41</b>	41	<b>35</b>	3	1	11	11	6
7	Physics	<b>48</b>	48	<b>40</b>	5	-	14	12	14

8	Chemistry	50	50	41	7	-	14	25	8
9	Botany	32	32	28	8	-	6	6	16
10	Zoology	27	27	25	1	-	11	10	4
11	BT & SP	15	15	15	1	-	2	11	2
12	Computer Sc	26	26	16	3	-	-	12	4
13	Computer Maintenance	28	28	20	-	-	6	12	2

### B. Postgraduate Courses

Sl. No	MA/MSc	Total Enrolment	Number of students appeared	No. of Students Passed			No. of students $\geq 50\%$ & $< 60\%$	No. of students $\geq 60\%$ & $< 80\%$	No. of students $\geq 80\%$ or equated to grade
				Total	SC	ST			
1	History	15	15	8	-	1	-	8	-
2	English	13	13	9	-	-	1	8	-
3	Psychology	8	8	6	-	-	2	4	-
4	Economics	19	19	8	1	-	-	8	-
5	Botany	11	11	11	1	-	1	6	4
6	Physics	14	14	9	-	-	-	4	5
7	Mathematics	17	17	6	-	-	-	5	1
8	Chemistry	11	11	8	-	-	-	7	1
9	Malayalam	19	19	12	1	-	-	12	-
10	Biotechnology	18	18	13	-	-	-	13	-
11	Bioinformatics	4	4	4	-	-	-	4	-

### Rank Holders

B.A. History	Ms. Meera G.M.	1 <sup>st</sup> Rank
B.A. Psychology	Ms. Asna M. Nesrin	1 <sup>st</sup> Rank
B.A. Psychology	Ms. Sreeja Gopinath	3 <sup>rd</sup> Rank
B.A. Malayalam	Ms. Neethu Valsan	1 <sup>st</sup> Rank
B.Sc. Botany	Ms. Shamena M.K.	1 <sup>st</sup> Rank
B.Sc. BT & SP	Ms. Angel Anna Zacharia	1 <sup>st</sup> Rank
B.Sc. BT & SP	Ms. Sriji S. Nath	2 <sup>nd</sup> Rank
B.Sc. BT & SP	Mr. Midhun Elayath M.	3 <sup>rd</sup> Rank
B.Sc. E&CM	Mr. Rahul Viswanth	1 <sup>st</sup> Rank
B.Sc. E&CM	Ms. Reshmi K.P.	2 <sup>nd</sup> Rank
B.Sc. E&CM	Ms. Nithya Nair	3 <sup>rd</sup> Rank
M.A. Psychology	Ms. Athulya Jayakumar	1 <sup>st</sup> Rank
MSc. Biotechnology	Ms. Manila M. S.	1 <sup>st</sup> Rank
M.Sc. Physics	Ms. Radhika V.Nair	1 <sup>st</sup> Rank
M.Sc. Bio Informatics	Ms. Rekha M.S.	1 <sup>st</sup> Rank
M.Sc. Mathematics	Ms. Geethanjaly A.G.	2 <sup>nd</sup> Rank

## 7. Library

(a) Total Number of Books	: 77764 (76658 + 1106 Textbooks)
(b) Total Number of Journals	: 34
(c) Total Number of Periodicals	: 14
(d) Additional during 2011 (Jan-Dec):	
i. Books	: 1106 (1100 + 6)
ii Journals	: 5 (29 subscribed in 2010-11)
iii Periodicals	: Nil (13 subscribed in 2010-11)

## 8. Grants Received From

### A) State Government :

1. KSHEC	Vidhu Narayan
2. KSHEC	Dr.Anilkumar.M
3. KSHEC	Dr.Sebastian Joseph
4. KSCSTE	Dr.Rechal Reena Philip

### B) Central Government:

1. NBHM Project Dr.E.S Jeevanand that project has been closed.

### FIST (Fund for improving Science and Technology-Infrastructure by Department of Science Technology for Colleges

FIST Programme (For Dept. of Botany, Physics and Mathematics):-

Sanctioned amount: Rs.47.5 lakhs; Received: Rs.37 lakhs

### C) University Grants Commission:

#### Minor Projects

- Dr.E.I.Anila:-‘Studies on effect of flux on the structural and optical properties of SRS: CU PHOSPHOR’ the project has been completed and balance amount of Rs.8000/- received.
- Dr.Aju.K.N:- ‘Mudiyaduppu’ A cultural study, The project has been completed and balance amount of Rs.16000/- received.
- Dr.Thara.K.Simon:-2010-11’phytochemical analysis and DNA sequencing of two species of podostemaceae of Kerala Rivers’ Allocated Rs.120000/-received Rs.77500/-
- Dr.Sherly Thomas:-‘ANALYSIS OF BIORYTHMS IN MAN’ Allocated Rs.150000/- received Rs.117500/-
- Dr.K.P.Unnikrishnan2010-11 ‘DEVELOPMENT OF PARTICULATE FILLED EPOXY RESINS’ Allocated Rs.140000/- received Rs.100000/-
- Dr.Benny Cherian 2010-11 ‘SYTHESIS OF TOUGHENED UNSATURATED POLYESTER RESIN’ Allocated Rs.125000/- received Rs.90000/-
- Dr.M.Anilkumar 2010-11 ‘PHYTOCHEMICAL AND ANTIMICROBIAL SCREENING OF SIMAROUBA GLAUCA DC’ Allocated Rs.125000/-received Rs.97500/-
- Dr.David Saj Mathew 2010-11 ‘SELECTION OF ROOTROT RESISTANT COLEUS FORSKOHLII PLANTS’ Allocated Rs.130000/- received Rs.97500/-
- Dr.P.V.Sreenivasan ‘PREPARATION OF SUPERTOUGH THERMOPLASTIC FROM POLYSTYRENE AND POWDERED NITRILE RUBBER’ Allocated Rs.145000/- received Rs.105000/-
- Dr.Sebastian Joseph:- 2010-11 ‘CONSTRUCTING HISTORIES THROUGH ORALITY : PEASANT MIGRATION TO IDUKKI AND SOCIO-ECOLOGICAL TRANSFORMATIONS’ Allocated Rs.65000/- received Rs.42500/-
- Dr.Ancy Eapen:-2010-11 ‘CREATIVE WORKS ARE QUASI-HISTORICAL DOCUMENTS THAT REVEAL THE SOCIAL HISTORY OF A REGION AT A GIVEN POINT OF TIME : A STUDY OF FILIMS /ENGLISH NOVELS SET IN THE BACKGROUND OF THE KONKAN COROMANDAL COAST OF THE SEVENTEETH EIGHTEENTH CENTURY’ TRANSFORMATIONS’ Allocated Rs.120000/- received Rs.90000/-
- Dr.Seena.M.Mathai:-2010-11 ‘ENHANCING MENOPAUSAL ADJUSTMENT AMONG RURAL WOMEN USING EFFECTIVE TRAINING INTERVENTIONS’ Allocated Rs.130000/- received Rs.95000/-

- Dr.P.M.Kuriachan:- ‘HISTOPATHOLOGICAL STUDIES ON SOME COMMON FRUITY VEGETABLES’ the project has been completed and balance amount of Rs.22000/- received this year.
- Dr.E.s.Jeevanand:- ‘TIME TO TEST TRANSFER FOR CLASSICAL PARETO DISTRIBUTION IN SOME REAL DATA SITUATION’ the project has been completed and balance amount of Rs.5000/- received .
- Dr.Manju.M.George:- ‘TRANSFORMATION STUDIES IN COLEUS FORSKOHLII-AN IMPORTANT MADICINAL PLANT’ the project has been completed and balance amount of Rs.32300/- received.
- Dr.Muse Mary George:- ‘EXPRESSION OF WOMEN SELF IN THE WORKS OF MADHAVIKUTTY’ the project has been completed and balance amount of Rs.18000/- received.
- Minor Research project of Dr. Sonia Chacko entitled “*THE MAKING OF THE NEW WOMEN: A PSYCHO-SOCIAL ANALYSIS OF THE IMPACT OF WOMEN’S MAGAZINES IN KERALA*” is sanctioned for an amount of Rs.120000/-
- Minor Research project of Mr. Prathish Abraham entitled “*AN ANALYSIS OF EFFECTIVENESS OF STUDENT SUPPORT SYSTEMS IN INDIVIDUAL PERFORMANCES USING FUZZY RELATIONS*” is sanctioned for an amount of Rs.170000/-
- Minor Research project of Mr. Eldo Varghese entitled “*SOME PROBLEMS IN GRAPH THEORY WITH SPECIAL REFERENCE TO FUZZY INTERSECTION GRAPHS*” is sanctioned for an amount of Rs.170000/-
- Minor Research project of Dr. Sibum.Eapen entitled “*CULTURAL CHANGES IN KERALA AND MALAYALAM CINEMA: STUDY BASED ON SELECTED FILMS*” is sanctioned for an amount of Rs.100000/-
- Minor Research project of Smt. Suma Mary Skariah entitled “*THE ROLE OF THE MEDIA IN DEFINING THE CHANGING FACES OF WOMANHOOD IN KERALA*” is sanctioned for an amount of Rs.150000/-
- Minor Research project of Mr.Alwin Alexander entitled “*RECONSTITUTING THE SELF: A DIALOGIC STUDY OF THE SELECTED WORKS OF SARAH JOSEPH AND THE INHERENT PRAXIS OF A CRITICAL THEOLOGY OF LIBERATION*” is sanctioned for an amount of Rs.100000/-

### **Major Project:**

- Development of Sports Infrastructure and Equipment in Colleges. Sanctioned amount of Rs.45 lakh (Rs. 40 lakhs for indoor sports training facilities + Rs. 5 lakhs for sports equipment)

### **GRANT-IN-AID**

- Career and Counseling Cell: Sanctioned amount is Rs.550000/- . Received amount of Rs.230000/-
- Coaching for NET/SET sanctioned amount is Rs.800000/- received amount of Rs.400000/-
- Additional Assistance:- sanctioned amount is Rs.2500000/- received amount of Rs.2250000/-
- Higher Proportion Scholarship for SC/ST/OBC/ sanctioned amount is Rs.500000/- received amount of Rs.500000/-

### **UGC Sponsored Seminars**

- Seminars /Conference Dr.Benny Cherian:- sanctioned amount is Rs.150000/- received amount of Rs.112500/-this Year
- Seminars /Conference Smt.Rekha Nair:- sanctioned amount is Rs.100000/- received amount of Rs.75000/-this Year

- Seminars /Conference Dr.Ancy Eapen:- sanctioned amount is Rs.150000/- received amount of Rs.112500/-this Year

### Others

Mr.Sunil Abraham FIP Substitute salary of Rs.269989/-paid to smt.Sumu.K.S.  
Dept.of Economics.

## **9. Projects Undertaken**

### ***Department of Psychology***

- Research Projects in Progress: UGC Minor project. “Enhancing Menopausal Adjustments among Rural Women using Effective Interventions”

### ***Department of Malayalam***

- Mr. Vidhu Narayan joined the FIP (PhD) program at the University of Kerala
- Dr. Aju Narayanan received the Research Award and Postdoctoral Fellowship from UGC
- 3 Full-time research scholars and 3 Part-time research scholars doing their PhDs.

### ***Department of Botany***

15. KBC-KSCSTE Research grant (2011-2014) of Rs. 16.1 lakhs to Dr. Anil Kumar M for the proposal, “*Anti-inflammatory studies in Lisea quinoqueflora* Dennst Suresh”.
16. FIST- DST grant of Rs. 50 lakhs
17. Add-on Course, “Industrial Floriculture and Gardening”.

### ***Department of Chemistry***

- Three Minor Research Projects sanctioned by UGC, one each to Dr. P.V. Sreenivasan, Dr. K.P. Unnikrishnan, and Dr. A. Benny Cherian.

### ***Department of History***

- A project to document the Archeological Museum of the College for the National Register, supported by the Ministry of Culture, Government of India
- 8 Research Scholars doing PhD research.

### ***Department of Mathematics***

- I major research project and 3 minor research projects from UGC going on.
- INSPIRE Scholarship of DST awarded to students Ancy Jose, Gopikrishna S, Aparna Pradeep, and Pavana Devassykutty.

### ***Department of English***

- *Education sans frontiers*: an e-learning project designed to meet the educational needs of Higher Secondary learner groups.

## **10/11. Seminar Conducted:**

### ***Department of Malayalam***

- Mr. Vidhu Narayan, Assistant Professor, Department of Malayalam, conducted a workshop for College teachers on ‘*Methodology of Language and Literature Teaching*’

### ***Department of Psychology***

- National Seminar on *Self Esteem and Mental Health Promotion among Teachers*, in association with SNM College of Education, Maliankara

## **UGC Sponsored Seminars**

- Seminars /Conference Dr.Benny Cherian:- sanctioned amount is Rs.150000/- received amount of Rs.112500/-this Year

- Seminars /Conference Smt.Rekha Nair:- sanctioned amount is Rs.100000/- received amount of Rs.75000/-this Year
- Seminars /Conference Dr.Ancy Eapen:- sanctioned amount is Rs.150000/- received amount of Rs.112500/-this Year

## **12. Publications by the faculty with impact factor of the publications (A Short Description)**

### ***Department of Malayalam***

- Publications: Dr. Aju Narayanan- 5 articles and 1 book; Dr. Siby M. Eapen – 2 books
- The Department published a journal-cum-book, *Pazhaya Krithi, Puthiya Vaayana*, and a MA Dissertation of an old student (late Ms. Vijayasree Menon), *U.C. Collegile Samskaarika Prakatanangal*

### ***Department of Physics***

- Dr. E.I. Anila, Associate Professor's PhD work was published as a book, *Strontium Sulfide Phosphors* by LAP LAMBERT Academic Publishing, Germany

### ***Department of English***

- 4 Papers published by Mr. Cheri Jacob, Asst. Professor, 2 papers by Dr. Jacob George, and 2 papers by Mr. Alwin Alexander

## **13. Research Highlight of Faculty/Scholar**

### ***Faculty:***

#### ***Department of Malayalam***

- Mr. Vidhu Narayan, joined the FIP (Ph.D) at Kerala University (Topic: *Tribal songs of Kerala, Cultural and Linguistic study*)

#### ***Department of Psychology***

- Dr. Seena M. Mathai awarded Doctorate from Bharathiyar University
- Ms. Malini, joined the FIP (Ph.D) at University of Kerala (Topic: *Psycho Social Correlates of Scholastic Backwardness, : A Study among low achiever, under achiever and learning disables*)

### **Scholars:**

#### ***Department of Malayalam***

- Mr. Arun Kumar O. (Topic: *Thulla, Pribhothatinte Arangu*)
- Ms. Veena (Topic: *Poikayil Adachente Pattukal – Swondrya Shastravum Prateya Shastravum*)
- Ms. Sheena (Topic: *Kuttunattile Krishi Arivukal- Nadodi Vijnana Padanam*)
- Ms. Asha Mathai ( Topic: *Aadivaasi Chitrikaranam P.Valsalayudey Krithikalil*)

#### ***Department of History***

- Ms. Lakshmi P.L. ( Topic: *Social formation in Mavelikkara*)
- Ms. Smitha Sara Padiyara (Topic: *Politicization of Women in Travancore - Cochin 1900-'47*)
- Ms. Twincy Varghese (Topic: *Panampilli Govinda Menon as an administrator and a freedom figher of Cochin state*)
- Akila Jacob (Topic: *Changing status of women in Minicoi Island*)
- Ms. Gracy K.S. (Topic: *The life and work of Acnos Pathiri*)

## **14/15. Academic/Student Achievements: See Q. No. 5 and 6**

## **16. Students Activities/ Achievement – (Extra Curricular)**

### **(a) National Cadet Corps (NCC)**

The Senior Division (boys) comprises of 54 cadets and the Senior Wing (girls) comprises of 108 cadets. This year also the cadets succeeded in putting forth a remarkable performance in the life of the College. Our cadets attended several camps during this academic year, including the Combined All Wing Annual Training Camp (CAWATC) held at Irinjalakuda (2-11, September 2011), the Annual Training Camp, the CATC, and the ACTC. Three of our Senior Wing cadets attended the Basic Leadership Camp at Kanpur in August 2011. Lt. Geethika G



accompanied 39 cadets of Ernakulam Group to a 14-day National Trekking Camp, Darjeeling in November 2011.

(b): **National Service Scheme (NSS)**

In addition to the routine 7 day, 3 day camps, the unit conducted a special program on restoration of Mangrove Ecosystem on 3.9.2011 in collaboration with Kerala Forest Department. As part of the World Environment Day, a seminar on the topic, “Environmental Protection” was conducted.

**Joint ventures of NSS and NCC**

The NSS and the NCC joined hands in conducting the following programs:

- Anti-Ragging campaign (18.7.2011)
- Road Safety Awareness Program (29.7.2011); the program was a collaborative venture with the Motor Vehicle Department, and Kerala Kaumudi.
- Seminar on Cyber Crimes (30.9.2011)
- Gandhi Jayanthi Celebrations (4.10.2011) in collaboration with Aluva Municipality, during which cleaning-up of designated areas were conduct

**(c) Achievements by the Students (Arts)**

- Mr. Adeep Hussain (III BA English) along with Mr. Shito Babu (II B.Sc Physics) stood second in the Quiz competition held at Alphonsa College, Pala.
- Mr. Adeep Hussain, Ms. Neenu Rajeev and Ms. Lakshmi Chitra (BA English) Got second Position for overall performance in ‘Sargapadham’ held at Sacred Hearts College, Thevara.
- Mr. Srikant (II BA English) bought out two films :’ Insight’ and ‘Belovedly Yours’.
- Mr. Rahul K.R. (Dept. Of Chemistry) Participated in painting and clay modeling competitions in the MG University Youth festival and Won second price in Clay modeling.

(d) (e): **The Physical Education Department/Sports and Games**

***Department of Physical Education***

- Received Rs. 20,000/- cash award from the Mahatma Gandhi University, Kottayam for the Third Best Sports Performing College, for the year 2010-2011.
- Grants sanctioned by UGC: Rs. 40 lakhs for the construction of Indoor stadium; Rs. 5 lakhs for purchase of sports equipment. [*already referred to under 8 (C) Major Project*]
- Hosted the Sub Junior National Judo Championship competitions from 5 – 7 September 2011
- Vineetha George and Revathy Rethesh (II BSc Zoology) represented **India** in the Asian Senior Softball Championship held in Taiwan in September 2011.
- 16 students represented Kerala State in the National Championships
- 45 students have represented the Mahatma Gandhi University in the various All India inter Varsity Tournaments.

**17. Industry / Varsity Linkage :** 1. Tie-up with **Synthite Industries Ltd.**, Kolencherry

2. Tie-up with Malankara Orthodox Syrian Church  
Medical College, Kolencherry

**18. Academic Tie-Ups**

: 1. Tie – up with Hope College, Michigan, USA.  
2. MoU with International Christian University (ICU), Tokyo, Japan.

**19. Student Progression (Brief about the past students)**

SL. No.	Name of Student	Department	Exam Qualified	Year
1	Mr. George T.M.	Chemistry	NET	2009
2	Ms. Asmi Antony	Chemistry	NET	2009
3	Ms. Teena Thomas	Chemistry	NET, JRF, GATE	2009
4	Ms. Arya S.	Physics	NET, JRF, GATE	2009
5	Mr. Mohd. Abdul Hakeem	Physics	NET	2009

6	Mr. Balasubramanian M.	Physics	NET	2009
7	Mr. Jebin Jacob	Maths	NET	2009
8	Ms. Vineetha T	Maths	NET	2010
9	Ms. Remya Radhakrishnan	Maths	NET	2010
10.	Ms. Shahida P.	Botany	NET, JRF	2009
11.	Ms. Sini Varghese	Malayalam	JRF	2009
12.	Ms. Nikitha Xavier	Malayalam	NET	2009

**20. Campus Recruitment:**

SL. No.	Name of the Firm	No. Of Students Attended		No. of Students Selected	
		M	W	M	W
1	Syntel	5	32	0	10
2	South Indian Bank	5	22	2	2
3	Wipro Technologies	18	11	8	5
4	I Gate Solutions	10	12	3	6

**21. Number of PhD's produced if Your College is an approved Research Center** : One

**22. Research Scholars Registered in the College, If your College is an approved Research Center**

Sl. No.	Name of Research Scholar	Title	Name of Guide
1.	Jose Thomas	Decision Making in Fuzzy Environment/ Context	Dr. Sunny Kuriyakose
2.	Philiomina L.F.	Study of Frames in Fuzzy Context	Dr. Sunny Kuriyakose
3.	Annie Varghese	A Study of Economic equilibria using Fuzzy and Intuitionistic Fuzzy mathematical tools.	Dr. Sunny Kuriyakose
4.	Arun Kumar	Thullal Prathibhothathinte Arangu – Nattiya kalayum arangattavum	Dr. Aju K.N.
5.	U. Aboobakkar	Socio Economic impact of people's planning in backward Districts of Kerala – A study of Malappuram.	Dr. Regimon C.M.
6.	Shimi Paul Baby	Keraleeya samsakaram Udayamperoor kanonukalilum varthamana pusthakangalilum.	Dr. C.M. Jose
7.	Ms. Veena	Poikayil Adachente Pattukal	Dr. Aju K.N.
8.	Ms. Sheena	Kuttunattile Krishi Arivukal	Dr. Aju K.N.
9.	Ms. Lakshmi P.L	Social formation in Mavelikkara	Dr. P.J. Cherian
10.	Ms. Asha Mathai	Aadivaasi Chitrikaranam	Dr. Aju K.N.
11.	Ms. Smitha Sara Padiyara	Politicization of Women in Travancore - Cochin 1900-'47	Dr. P.D. Johny
12.	Ms. Twincy Varghese	Panampilli Govinda Menon as an administrator and a freedom fighter of Cochin state	Dr. P.D. Johny
13.	Ms. Akila Jacob	Changing status of women in Minicoi Island	Dr. P.D. Johny
14.	Ms. Gracy K.S.	The life and work of Arnos Pathiri	Dr. P.D. Johny

**23. List of Research Guides in your College:**

**DEPARTMENTS**

**: GUIDES**

**DEPARTMENTS**

<b>English</b>	Dr. Joseph Kachappilly Dr. P.M. Chacko Dr. Varghese John
<b>Malayalam</b>	Dr. A. Gopinath Rev. Dr. C.M. Jose Dr. Sibu M. Eapen Dr. Aju K. N.
<b>Mathematics</b>	Dr. Rajan Varughese Dr. A. Sunny Kuriakose Dr. E.S. Jeevanand Dr. P. Ramakrishnan Dr. S. Arumughan
<b>Physics</b>	Dr. V.C. Kuriakose Dr. John Abraham Dr. Rachel Reena Philip
<b>Chemistry</b>	Dr. A.M. Chacko Dr. C.G. Ramankutty Dr. A. Benny Cherian Dr. Sheelakumari Issac
<b>Botany</b>	Dr. C. Joyce Mathew Dr. G.V. Thampi Dr. K.I. Mani Varghese Dr. Thara K. Simon Dr. P.M. Kuriachen Dr. Thomas Mathew Dr. Anil Kumar M
<b>History</b>	Dr. P.D. Johny Dr. P.J. Cherian Dr. K.V. Kunhikrishnan Dr. Rajan Gurukkal Dr. C.J. Varghese Dr. Sebastian Joseph Dr. M.P. Marykutty
<b>Economics</b>	Dr. C.A. Antony Dr. Rajan Varghese Dr. P.M. Bijumon
<b>Zoology</b>	Dr. T. Thomas Philip

## **ARTS AND SCIENCE COLLEGE(UNAIDED)**

### **BASELIOS POULOSE SECOND COLLEGE,PIRAMADOM**

**1.Name of the College** : BASELIOS POULOSE SECOND COLLEGE,PIRAMADOM

(With e-mail and website) :

Email : [bps.college@gmail.com](mailto:bps.college@gmail.com)

Website : [www.bpscollege.com](http://www.bpscollege.com)

**2.Name of the Principal:** Dr, Capt, Chev, Prof. A P Eldo

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Teaching</b>	4	8	-	-	12
<b>Non Teaching</b>	2	2	-	-	4

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B Com Computer Application (Total 70 Including marginal increase)	46	24	M.Com Finance (Total 38 including marginal increase)	19	19	-	-	-	-	-	-
Bcom Travel & Tourism (Total 60 Including Marginal increase)	31	15									

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appear ed		Passe d		P h. D	Appe ared		Pass ed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B Com Computer Application (Passed out Students)	46	23	24	18	M. Com Finance (Passed out students)	8	12	5	8										
Intake	46	24			Intake	19	19												
Bcom Travel & Tourism intake	-	-	-	-															
	31	15																	

6.Details of Tests cleared by Students (if any) : Nil

### 7.Library

- (a) Total Number of Books : 1693  
 (b) Total Number of Journals : 3  
 (c) Total Number of Periodicals : 3  
 (d) Additions during the period : 650

### 8.Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

### 9.Projects Undertaken

: Nil

### 10.Seminars Conducted

: Nil

(Only College Level)

11. Seminars Conducted by Faculty (Name wise –with details) : Nil  
 12. Publications by the Faculty with Impact factor of the Publications : Nil  
 13. Research Highlights of Faculty/Scholars : Nil  
 14. Academic Achievements : Nil  
 15. Student Achievements - Academic : Nil

**16. Students Activities/ Achievements – (Extra Curricular)**

- (a) National Cadet Crops : Nil  
 (b) National Service Scheme : Two units  
 (c) Arts Festivals : Participated university youth festival  
 (d) Sports : Participated university sports meet  
 (e) Games : Participated inter collegiate games

17. Industry Varsity Linkage : Nil

18. Academic Tie-Ups ( if any ) : Nil

19. Student Progression : Nil

**20. Campus Recruitment ( if any ) -**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	HDFC	37	27	8	6

21. Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College (With e-mail and website) : Nil

## CHINMAYAVIDYAPEET, Warriam Road, Ernakulam

1. Name of the College (With e-mail and website) : CHINMAYAVIDYAPEET

2. Name of the Principal : Ms. ROSY JOICE LOPEZ

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	22	-	-	23
Non Teaching	3	2	-	-	5

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	TOTAL			M	W		M	W		M	W
B.Com	70	-	-	-	-	-	-	-	-	-	-
BBM	60	-	-	-	-	-	-	-	-	-	-
BCA	60	-	-	-	-	-	-	-	-	-	-

## 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Com	28	31	24	31	-					-					-				
BBM	42	18	23	15	-					-					-				
BCA	22	22	16	21	-					-					-				

## 6.Details of Tests cleared by Students

### 7.Library

- (a) Total Number of Books : 5500  
 (b) Total Number of Journals : 3  
 (c) Total Number of Periodicals : 20  
 (d) Numer of titles added during the year : 500

### 8.Grants Received From : Nil

- (a) State Government --  
 (b) Central Government--  
 (c) University Grant Commission--  
 (d) Others - Specify--

### 9.Projects Undertaken : Nil

### 10.Seminars Conducted : Nil

### 11. Seminars Conducted by Faculty (Name wise –with details) : Nil

### 12.Publications by the Faculty with Impact factor of the Publications : Nil

### 13.Research Highlights of Faculty/Scholars : Nil

### 14.Academic Achievements : Nil

### 15.Student Achievements - Academic : Nil

### 16.Students Activities/ Achievements –(Extra Curricular) : Nil

- (a) National Cadet Crops  
 (b) National Service Scheme  
 (c) Arts Festivals  
 (d) Sports  
 (e) Games

### 17.Industry Varsity Linkage : Nil

### 18.Academic Tie-Ups ( if any ) : Nil

### 19.Student Progression : Nil

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

### 20.Campus Recruitment ( if any )

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	SHREDS KERALA	12	8	6	3
2.	INFOSIS	5	6	1	5

### 21.Number of PhD's Produced : Nil

### 22. Research Scholars Registered in the College : Nil

### 23.List of Research Guides in your College (With e-mail and website) : Nil

## College of Applied Science, Puthenvelikkara

**1. Name of the College** (With e-mail and website) : College of Applied Science, Puthenvelikkara  
: caspvkhrd@gmail.com

**2. Name of the Principal** (Charge) : Sandhya C

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Teaching</b>	2	8			10
<b>Non Teaching</b>	2	3			5

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BSc Electronics	40		Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil
BSc Computer Science	40		Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil
BCom	50		Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil

### 5. Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BSc Electronics II	10	4	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BSc Computer Science II	9	10	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCom II	23	13	23	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 143  
 (b) Total Number of Journals : Nil  
 (c) Total Number of Periodicals : Nil  
 (d) Number of titles added during the year : Nil

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify: Rs.9 lakhs from IHRD and-Rs.3,04220/-as MLA Fund(Sri. S. Sarma)

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil

**12. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** : Nil

**14. Academic Achievements** : The College was newly started during 7/2010. Results of 2 Sems. have been declared by the MGU. Percentage of result is good.(Please see the details given)

**15. Student Achievements - Academic** : Participated in the University Union Youth Festival at Ernakulam.

**16. Students Activities/ Achievements** –(Extra Curricular) (a) National Cadet Crops : Nil  
 (b) National Service Scheme : NSS has been introduced during this academic year and 50 students enrolled as NSS volunteers and conducted a Special camp this year .Several activities including Aids rally and classes on Social development have been conducted. Red Ribbon club is functioning in the College.

(c) Arts Festivals : College Youth festival was conducted on December 12<sup>th</sup>.2011

(d) Sports

(e) Games

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups ( if any )** : Nil

**19. Student Progression** : Nil

**20. Campus Recruitment ( if any )** : Nil

**21. Number of PhD's Produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College** (With e-mail and website): Nil

## C.E.T. College of Management, Science & Technology- Airapuram

**1. Name of the College** : C.E.T. College of Management, Science & Technology- Airapuram (With e-mail and website) E-mail : [cetcollege@yahoo.com](mailto:cetcollege@yahoo.com)

Web Site : [www.cetcollege.org](http://www.cetcollege.org)

**2. Name of the Principal** : Prof. M.P Lalu M. Sc, M. Phil

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Teaching</b>	8	27	0	-	35
<b>Non Teaching</b>	4	40	0	-	44

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BBA	60		MHRM	30							
B.COM			M.Com	12							
C.A	60		Finance								
B.Com Marketing	40		M. Com E-Commerce	12							
B.Com Finance & Taxation	40		M. Sc Computer Science	12							
B.C.A	40										



## 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	App ear ed		P h. D	App eare d		Pass ed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
<b>2009 Admission</b> BBA 4thSem	30	14	30	14	2009 Admission MHRM 4 <sup>th</sup> Sem	2	4	2	4								
B.Com C.A 4 <sup>th</sup> Sem	31	24	26	14													
<b>2010 Admission</b> B.Com C.A 4 <sup>th</sup> Sem	36	11	44		M.H.R.M 4 <sup>th</sup> Sem (2 <sup>nd</sup> Sem Result)	3	3	1	2								
BBA 4 <sup>th</sup> Sem	23	10	Result Awaiting														
B. Com. Taxation 4 <sup>th</sup> Sem	29	8	36														
BCA 4 <sup>th</sup> Sem	6	9	Result Awaiting														
<b>2011 Admission</b> B.Com	21	49	Result Awaiting Result Awaiting		M.H.R.M 2 <sup>nd</sup> Sem	1	4	Result Awaiting									
C.A I Sem	23	26	Result Awaiting		M. Sc Computer Science 2 <sup>nd</sup> Sem	1	5	Result awaiting Result awaiting									
BBA I Sem	31	25	Result Awaiting Result Awaiting					Result awaiting Result awaiting									
B. Com. Taxation I Sem	23	33			M.Com Finance 2 <sup>nd</sup> sem	8	4	Result awaiting Result awaiting									
BCA I Sem	8							Result awaiting Result awaiting									
B.Com Marketing I Sem					M.Com E- Comm erce 2 <sup>nd</sup> Sem	1	1	Result awaiting Result awaiting									

8. Details of Tests cleared by Students (if any) : Nil

### 9. Library

- (a) Total Number of Books : 15191  
 (b) Total Number of Journals : 24  
 (c) Total Number of Periodicals : 20  
 (d) Additions during the period : 3000

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others – Specify : Nil

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

- 12. Publications by the Faculty with Impact factor of the Publications :** Nil
- 13. Research Highlights of Faculty/Scholars :** Lecturer Dhanya .V. Dev doing Ph.D in Hindi.  
Subject: Namitha Singh Ke Katha Sahitya Meim  
Samajik Sarokar (Social Commitment)
- 14. Academic Achievements :** Overall, more than 90% result up to this year.
- 15. Student Achievements - Academic :** Nil
- 16. Students Activities/ Achievements –(Extra Curricular)**
- (a)National Cadet Crops : Nil
- (b) National Service Scheme : Nil
- (c) Arts Festivals : Nil
- (d) Sports : Nil
- (e) Games : Preethy Mol M.S was got 3<sup>rd</sup> Price Senior South Zone  
National Baseball Championship held at Tamilnadu  
She was also winner in Kerala State Senior  
Baseball championship.
- 17. Industry Varsity Linkage (If any) :** Nil
- 18. Academic Tie-Ups (if any) :** Nil
- 19. Student Progression (Brief about the past students) :** Nil
- 20. Campus Recruitment (if any) :** Nil
- 21.Number of PhD's Produced :** Nil
- 22. Research Scholars Registered in the College :** Nil
- 23.List of Research Guides in your College :** Nil

## H.M Arts & Science College

**1. Name of the College :** H.M Arts & Science College, Randarkara  
(With e-mail and website) : hmartscollege5@gmail.com, www.hmartsandbedcollege.com

**2. Name of the Principal :** Geevargheese .K

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
<b>Teaching</b>	4	6			10
<b>Non Teaching</b>	1	3			4

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Com	30	30	M.Com	6	6						
B.B.A	20	20									
B.A Eng	20	20									

## 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph.D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Com 1 <sup>st</sup> year	46	13			M.Com 1 <sup>st</sup> year	4	2												
2 <sup>nd</sup> year	41	11																	
3 <sup>rd</sup> year	43	13																	

6. Details of Tests cleared by Students : Nil

## 7. Library

- (a) Total Number of Books : 1500  
 (b) Total Number of Journals : 4  
 (c) Total Number of Periodicals : 3  
 (d) Numer of titles added during the year

## 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others – Specify : Nil

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

12. Publications by the Faculty with Impact factor of the Publications : Nil

13. Research Highlights of Faculty/Scholars : Nil

14. Academic Achievements : Nil

15. Student Achievements - Academic : Nil

16. Students Activities/ Achievements – (Extra Curricular)

- (a) National Cadet Crops  
 (b) National Service Scheme : NSS unit was functioning in the college  
 (c) Arts Festivals  
 (d) Sports  
 (e) Games

17. Industry Varsity Linkage : Nil

18. Academic Tie-Ups (if any) : Nil

19. Student Progression : Nil

20. Campus Recruitment (if any) : Nil

21. Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College (With e-mail and website) : Nil

# KMM COLLEGE OF ARTS & SCIENCE THRIKKAKARA, COCHIN

1. Name of the College : KMM COLLEGE OF ARTS & SCIENCE, THRIKKAKARA  
 (With e-mail and website) : Kmmcollege.artsandscience@gmail.com  
[www.kmmcollege.com](http://www.kmmcollege.com)

2. Name of the Principal : Dr. P N Thomas

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	10	31	1	nil	42
Non Teaching	5	12	1	nil	18

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B Com. Computer Applications (model II) 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	64 43 40	44 22 23	M Com Finance 1 <sup>st</sup> year 2 <sup>nd</sup> year	04 ---	08 ---	-			-		
B Com Taxation (model II) 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	32 --- ---	24 --- ---	M Sc. Maths 1 <sup>st</sup> year 2 <sup>nd</sup> year	0 ---	09 -						
B Com. Marketing (model II) 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	20 --- ---	02 --- ---	MBA 1 <sup>st</sup> year 2 <sup>nd</sup> year	23 ---	18 ---						
BBA 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	30 38 44	18 21 19	MCA 1 <sup>st</sup> year 2 <sup>nd</sup> year	34 ---	16 ---						
BCA 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	36 35 35	27 22 18									
BSW 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	09 12 13	10 07 05									
BA Communicative English (Double main) 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	15 03 ---	19 05 ---									
B Sc. Computer Science 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	20 -- ---	06 --- ---									
B Sc. Mathematics 1 <sup>st</sup> year 2 <sup>nd</sup> year 3 <sup>rd</sup> year	--- --- ---	--- --- -									

## 5.Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
<u>BBA</u>	8	6	5	4	-					-					-				
<u>B Com. Computer Applications (model II)</u>	19	9	15	8															

**6.Details of Tests cleared by Students** : Nil

## 7.Library

- (a) Total Number of Books : 9882  
 (b) Total Number of Journals : 74  
 (c) Total Number of Periodicals : 36  
 (d) Numer of titles added during the year: 196

**8.Grants Received From** : Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

**9.Projects Undertaken** : Nil

**10.Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** : Conducted on INTERNATIONAL MANAGEMENT DEVELOPMENT PROGRAMME ON IT/IS MANAGEMENT RESEARCH: The Theoretical and Methodological Paradigms on December 15<sup>th</sup> and 16<sup>th</sup> 2011.

**12.Publications by the Faculty with Impact factor of the Publications** : Nil

**13.Research Highlights of Faculty/Scholars (A Short Discription)** : Nil

**14.Academic Achievements** : Nil

**15.Student Achievements - Academic** : Nil

**16.Students Activities/ Achievements –(Extra Curricular)** : Nil

(a) National Cadet Crops : Nil

(b)National Service Scheme : YES

(c) Arts Festivals : YES

(d) Sports : YES

(e) Games : YES

**17.Industry Varsity Linkage** : Nil

**18.Academic Tie-Ups ( if any )** : Nil

**19.Student Progression** : Nil

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
	SPECTRUM	91	55	Result awaiting	

**21.Number of PhD's Produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23.List of Research Guides in your College** (With e-mail and website): Nil

## Marthoma College of Management and Technology Asramam Campus, Perumbavoor

1. **Name of the College** : Marthoma College of Management and Technology, Perumbavoor

Email : [info@mcmat.org](mailto:info@mcmat.org)

Web site : [www.mcmat.org](http://www.mcmat.org)

2. **Name of the Principal/Director** : Dr.Rajan Varughese

3. **Staff Profile** :

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	4	Nil	Nil	8
Non Teaching	3	5	1	Nil	8

4. **Courses Offered with number of seats** :

Post Graduate	Number of Seats	
	Men	Women
MB 2009-2011	29	29
MBA 2010-2012	33	25

5. **Student Intake** :

Post Graduate	Appeared		Passed	
	M	W	M	W
MBA 2008-2010	21	36	20	36

6. **Details of Tests cleared by Students (if any)** :

Sl.No	National Level	State Level
1.	Nil	Kerala Management Association – Business Plan Competition – 1 <sup>st</sup> Prize
2.	Nil	Management Fest Conducted at SNGIST, Parvur – IInd Prize for Marketing Game.
3.	Nil	Management Fest conducted at Ilahia College, Muvattupuzha – IInd Prize for Marketing Game

7. **Library**

- a. **Total Number of Books** : 5349
- b. **Total Number of Journals** : 65
- c. **Total Number of Periodicals** : 10
- d. **Additions during the Period** : Nil

8. **Grants received From** :

- a. **State Government** : Nil
- b. **Central Government** : Nil
- c. **University Grants Commission** : Nil
- d. **Others – Specify** : Nil

9. **Projects Undertaken** : Nil

**10. Seminars Conducted :**

- a. **State Level :** Refer Annexure 1  
 b. **National Level :** Refer Annexure 2  
 c. **International Level :** Nil

**11. Seminars Conducted by Faculty (Name wise – with details)****a. State Level :**

- Dr. Rajan Varughese Director, Topic – “ICT Application in Research and Publication” at Vimala College Thrissur on 25<sup>th</sup> November 2010.

**b. National Level**

- Dr. Rajan Varughese Director , Topic – Enhancing Teacher productivity through management models at St. Ann’s College of Education , Andhra Pradesh on 16<sup>th</sup> April 2010.  
 Prof. Habeeb Rahiman ; HOD , Topic – An analysis of MSME Lending extended as per RBI Norms at St.Gitts College of Engineering ; Kottayam

**c. International Level : Nil****12. Publications by the Faculty with Impact factor of the Publications : Nil****13. Research Highlights of Faculty / Scholars :**

- Dr. Rajan Varughese ; Director – Guiding research on “ Performance Evaluation of Software Systems  
 Prof. Habeeb Rahiman - Submitted Ph.D Thesis on “ A study on Credit Guarantee Fund Trust for MSME’s with special reference to Bank of Baroda.

**14. Academic Achievements** : Nil**15. Student Achievements – Academic** : Nil**16. Students Activities / Achievements – (Extra Curricular)**

- a. National Cadet Corps : Nil  
 b. National Service Scheme : Nil  
 c. Arts Festivals : Nil  
 d. Sports e. Games : Nil

**17. Industry Varsity Linkage (if any)** : Nil**18. Academic Tie-Ups (if any)** : Nil

**19. Student Progression (Brief about the past students) :** 3 batches passed out and most of them are placed in reputed companies like Badr Al Samaa, Ernst & Young, ICICI, Reliance Communications, Mahindra, Geojit BNP Paribas, Legrand, UAE Exchange, DLF, HDFC, Asianet, Kairali etc.

**20. Campus Recruitment (if any)**

Sl.No.	Name of the Firm	No. Students Attended		No. Students Selected	
		Men	Women	Men	Women
1	ICICI Priority Circle	13	5	3	4
2	Popular motor World	15		8	
3	Reliance Communications	8	5	2	2
4	Muziris Softech Solutions	4	6	1	1
5	Nehru Global Tech	5		1	
6	Hedge Equities	12	8		2
7	HDFC Bank	10	6	2	
8	Legrand	6	4	1	
9	UAE Exchange	4	6		1
10	Apollo Paints	10		4	
11	Marikar Skoda	5		1	
12	B-soft Solutions	3	2		1
13	George Herbals	6		1	

14	IBS Software Services Ltd.	6		1	
15	Centre for Business Research and Counselling	4	2		1
16	Extramarks Education Pvt. Ltd.	4	3		1
17	Muthoot Corporate Finance	4	4		1
18	Angel Broking	5	2	1	
19	Vyga animations Pvt. Ltd.	4		1	
20	DLF Homes	5		1	
21	Geeyem Motors	6		1	
22	Legend International	4		1	
23	Mahindra finance	5		1	
24	Bymacht Solutions	5		1	
25	JM Lifestyle Interiors and Builders Pvt. Ltd.	4		1	
26	Badr Al Samaa Group of Hospitals and Polyclinics, Muscat	10	5	3	1

21. Number of PhD's Produced : Nil  
22. Research Scholars Registered in the College : Nil  
23. List of Research Guides in your College: Dr. Rajan Varughese, Director / Principal, Marthoma College of Management and Technology.

#### Annexure 1:

##### Details of State Level Seminars Conducted at Marthoma College of Management & Technology

Date	Events	Resource Person
October 9, 2010	Course Completion Ceremony of Class of 2008	Prof. K. K. George, Chairman of Centre for Socio-Economic and Environmental Studies, Kochi and former Director, School of Management Studies, Cochin University of Science and Technology
October 6, 2010	Seminar on Challenges in Media Management and Ethical Issues	Rev. Fr. Biju Alappatt, Director and Program Head of Jeevan TV.
7th September, 2010	Interactive seminar on 60 most Trusted Global Brands	
August 7, 2010	Intelligencia 2010	Mr. C.J. George, Chairman and Managing Director of Geojit BNP Paribas
Jun16-July 16,2010	Monsoon Management Festival	Inauguration by Mr. T.T.Thomas, Lead Speaker: Mr. M.A.Mathew
23rd April, 2010	Sacred Grove Conservation Campaign	Inauguration: Honorable Minister for Forests, Sri. Benoy Vishwam at Iringole Kavu
28th April, 2010	Greening Activity	Students, faculties and staff participated.
March 15,2010	Counselling Programme at Shantigiri Asramam	Most Rev. Dr. Zacharias Mar Theophilus, Suffargan Metropolitan, Manager of MCMAT
4-Mar-10	“ What Industry expects from freshers?”	Mr. Y.Syed Asif – Regional Manager, Met life Insurance Co.
March 1, 2010.	Budget Talk 2010	Mr. C. Karthikeyan Nair, Additional Commissioner of Income Tax, Alwaye
		K.C.Joseph Varghese, FCA, Tax Consultant, Cochin



February 18,2010	Seminar on “ Personality Development”	Mr. Krishnamoorth, Manager-RMD, Times of India, Kochi
		Mr. Liju V Rajan Kolath, FCA, Kolath Management Consultants
January 25,2010	Republic Day seminar	Prof. K. V. Kunhikrishnan, Director, Sarva Shiksha Abhiyan, Kerala and Former Registrar,CUSAT

**Annexure 2:**

**Details of National level Seminars Conducted at Marthoma College of Management & Technology**

Date	Events	Resource Person
30th October 2010.	Scintillencia 2010 - National Level Inter Collegiate Cross-fire Debate	Dr. John M. Chacko, Chairman and Managing Director, Laurels School of Management, Indore
September 9, 2010	Lead Talk on Branding: 'Brand Building in Financial markets	Mr. George John, Corporate Controller of IDBI-Federal Life Insurance Company, Mumbai
August 7, 2010	Interactive Inter collegiate seminar on 'How open is Open Offer?'	Mr.C.J.George, Managing Director, Geojit BNP Paribas Financial Services Ltd

**MES COLLEGE FOR ADVANCED STUDIES, Edathala North  
(P.O), Via. Aluva, Ernakulam**

1. **Name of the College** : MES COLLEGE FOR ADVANCED STUDIES,  
(with e-mail and website) : [principal@mescas.org](mailto:principal@mescas.org)  
: [www.mescas.org](http://www.mescas.org)

2. **Name of the Principal** : Prof. E. NARA YANA KAIMAL

**3. Staff Profile**

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	07 (including the Principal)	17	Nil	Nil	23
Non Teaching	02	05	01	Nil	07

**4. Courses offered with number of seats**

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M.Phil	Number of Seats	Ph . D	Number of Seats
BSc Bioinformatics	30	MSc Bioinformatics	20	Nil	'NA'	Nil	'NA'
BCom with Comp. Applications	40	MSc Microbiology	20	Nil	'NA'	Nil	'NA'
BBA	40	MSc Biotechnology	20	Nil	'NA'	Nil	'NA'
		MCom-E-Commerce	30	Nil	'NA'	Nil	'NA'

		MMH	25	Nil	'NA'	Nil	'NA'
		MLISc	15	Nil	'NA'	Nil	'NA'

## 5. Student Intake

Intake, those Appeared in the Examination and Passed (M-Men, W-Women)																		
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Ph il	Appeared		Pass ed	Ph .D	Appeared		Pas sed	
	M	W	M	W		M	W	M	W		M	W			M	W	M	W
BSc Bioinformatics	04	13	01	10 With 03 Ranks	MSc Bioinformatics	Nil	01	Nil	01 with 2 <sup>nd</sup> rank	Nil				Nil				
					MSc Biotechnology	Nil	02	Nil	02	Nil				Nil				
					MSc Microbiology	Nil	04	Nil	04	Nil				Nil				
					MMH	03	Nil	01	Nil	Nil				Nil				
					MLISc	Nil	03	Nil	03	Nil				Nil				

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

- Total Number of Books : 1569
- Total Number of Journals : 12
- Total Number of Periodicals : 32
- Additions during the period : 191

### 8. Grants Received From

- State Government : Nil
- Central Government : Nil
- University Grant Commission : Nil
- Others – Specify : Nil

### 9. Projects Undertaken

- One Research Project by the Principal
- Nil
- Nil

### 10. Seminars Conducted

- State Level : Nil
- National Level : Nil
- International Level : Nil

### 11. Seminars Attended by Faculty (Name wise – with details)

- State Level : Nil
- National Level
  - The Principal, Prof. E. Narayana Kaimal attended a seminar on Alzheimer's & Related Disorders at Palavarivattom, Ernakulam.
  - (a) One Commerce Lecturer, Smt. Betsy Manuel, attended a workshop on Methodology of Business Studies at SNM College, Maliankara, North Paravur.  
(b) Another Commerce Lecturer Mr. Firozsha attended a workshop on PG studies at SB College, Changanacherry.
  - Ms. Bincy Varghese and Ms. Shifnamole, T.A., Department of Biosciences, attended a National Seminar at Mar Auguthinose College, Ramapuram, Pala.
  - Ms. Shifnamole, T.A., Dept. of Biosciences attended a National Seminar at MA College, Kothamangalam.
- International Level : Nil

12. Publications by the Faculty with impact factor of the Publications : Nil

13. Research Highlights of Faculty/Scholars : Nil

#### 14. Academic Achievements

- (a) Prof. E. Narayana Kaimal, Principal, got two awards :- (a) Nelson Mandela Sadbhavana Award from the Global Economic Society of India, New Delhi. (b) 21<sup>st</sup> century Education Excellence Award from the Indian Association for Business Research and Development, New Delhi.
- (b) Ms. Vinitha, K.N., Dept. of Library Science, is undergoing studies for another PG Degree Programme.
- (c) Ms. Soni, G., part-time Lecturer in Malayalam, got qualified in the NET, conducted in December, 2011.

#### 15. Student Achievements – Academic

- (a) 03 students (Anila Karippal, Deepa Paulose and Aswathy Mary Paul) got the first 03 ranks, in order, in BSc Bioinformatics.
- (b) Ms. P. Sneha Menon of MSc Bioinformatics got the Second rank in the Uty examinations.
- (c) Final BSc Bioinformatics students attended two National Seminars one at MA College, Kothamangalam, and the other at MA College, Ramapuram, Pala.

#### 16. Students' Activities / Achievements – (Extra Curricular)

- a. National Cadet Crops : Nil
- b. National Service Scheme : Nil
- c. Arts :- (i) Ms. Chrisma Baby of 2<sup>nd</sup> year MSc Microbiology got the second prize in the Essay Competition (Malayalam) conducted by the Institute of Parliamentary Affairs, Government of Kerala, Thiruvananthapuram.
- (ii) Mr. Sarath, H of 2<sup>nd</sup> year BCom represented MG University in the South Zone inter University Youth Festival held at Satyabhama University, Chennai, in December, 2011.
- d. Sports : Nil
- e. Games : Nil

#### 17. Industry\_Varsity Linkage (if any) : Nil

#### 18. Academic Tie-Ups (if any) : Nil

#### 19. Student Progression (Brief note on the past students)

03 former MSc students and 01 former MCom student are working as Lecturers. 01 former MSc student is doing Ph.D apart from having taken MPhil

01 former MSc student is doing MPhil

01 former MLISc student is also doing MPhil.

01 former BSc student who had secured first rank here got first rank for MSc from the University of Kerala.

19 former BSc Bioinformatics students are doing PG Degree Programmes (MSc, MCA, MBA)

24 former MSc, MCom, MLISc and BSc students are employed elsewhere.

## MAR ELIAS COLLEGE, KOTTAPPADY

1. Name of the College : MAR ELIAS COLLEGE, KOTTAPPADY  
(With e-mail and website) : [mareliascollege@gmail.com](mailto:mareliascollege@gmail.com); [www.mecollege.ac.in](http://www.mecollege.ac.in)

2. Name of the Principal : Dr. P.J. Poullose

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	12	1	Nil	14
Non Teaching	3	1	Nil	Nil	4

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats			
	M	W		M	W		M	W		M	W		
B.Com Taxation			M.Com Finance	6	5	Nil			Nil				
B.Com Computer													
BBA													
Total*	187	109		6	5								

\*Total number of students studying for 1<sup>st</sup> year, 2<sup>nd</sup> year & 3<sup>rd</sup> year 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
2006-2009 B.Com Taxation	32		22		Nil														
2007-2010 B.Com Taxation	28		22																
2008-2011 B.Com Taxation	45		32																

6. Details of Tests cleared by Students : Nil

#### 7. Library

- (a) Total Number of Books : 2600  
 (b) Total Number of Journals : 2  
 (c) Total Number of Periodicals : 4  
 (d) Number of titles added during the year : 600

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others – Specify : Nil

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty (Name wise –with details) : Nil

12. Publications by the Faculty with Impact factor of the Publications: Nil

13. Research Highlights of Faculty/Scholars (A Short Discription) : Nil

14. Academic Achievements (A Short Discription) : Nil

15. Student Achievements - Academic (A Short Discription) : Nil

16. Students Activities/ Achievements – (Extra Curricular) : Nil

- (a) National Cadet Crops : Nil  
 (b) National Service Scheme : Yes, Unit No. 109  
 (c) Arts Festivals : 18<sup>th</sup> Feb 2011  
 (d) Sports : Nil  
 (e) Games : Nil

17. **Industry Varsity Linkage** (If any, Short Description): Nil  
 18. **Academic Tie-Ups** (if any) : Nil  
 19. **Student Progression** : Nil  
 (eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )  
 20. **Campus Recruitment** (if any)

Sl No.	Name of the firm	No. of students attended		No. Students Selected	
		M	W	M	W
1.	Southerland Global Services, Cochin	-	-	5	
2.	Allsec Technologies, Chennai	-	-	7	

21. **Number of PhD's Produced** : Nil  
 22. **Research Scholars Registered in the College** : Nil  
 23. **List of Research Guides in your College** (With e-mail and website)  
 1. Name : Dr. P J Poulouse  
 2. Email : [drpjpoulouse@gmail.com](mailto:drpjpoulouse@gmail.com)

## MARIAN ACADEMY OF MANAGEMENT STUDIES, PUTHUPPADY KOTHMANGALAM

1. **Name of the College** : MARIAN ACADEMY OF MANAGEMENT STUDIES  
 Website : [www.marianacademy.org](http://www.marianacademy.org)  
 Email : [marianacademy@gmail.com](mailto:marianacademy@gmail.com)

2. **Name of the Principal** : Dr. P.K. SUNDARESAN

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	8	8			16
Non Teaching	9	3			12

### 4. Courses Offered with Number of seats

Post Graduate	Number of seats
MBA	120

### 5. Student Intake

Post Graduate	Appeared		Passed	
	M	W	M	W
MBA 2010 Admission	63	31		
MBA 2011 Admission	59	33		

### 6. Details of Tests cleared by Students

Sl.No	National Level	State Level	
1	MAT		

- 7. Library**  
 (a) Total Number of Books : 3118  
 (b) Total Number of Journals : 36  
 (c) Total Number of Periodicals : 25  
 (d) Number of titles added during the year : 1918
- 8. Grants Received From** : Nil  
**9. Projects Undertaken** : Nil  
**10. Seminars Conducted** : Nil  
**11. Seminars Conducted by Faculty** : Nil  
**12. Publications by the Faculty with Impact factor of the Publications** : Nil  
**13. Research Highlights of Faculty/Scholars** : Nil  
**14. Academic Achievements** : Nil  
**15. Student Achievements – Academic** : Nil  
**16. Students Activities/ Achievements – Arts Fest(Arangu 2011)** : Nil
- 1<sup>st</sup> prize winners for the best management team at the Management Fest conducted by K.G. College, Pampady on January 7, 2012.  
 2<sup>nd</sup> prize winners for the marketing game at Ilahia College management fest held on 16<sup>th</sup> & 17<sup>th</sup> of Dec. 2011.  
 2<sup>nd</sup> prize winners for choreography at Ilahia College Management fest held on 16<sup>th</sup> & 17<sup>th</sup> Dec. 2011.
- 17. Industry Varsity Linkage (if any, Short Discription)** : Nil  
**18. Academic Tie-Ups (if any)** : Nil  
**19. Student Progression** : Nil  
**20. Campus Recruitment (if any)** : To be held.  
**21. Number of PhD's Produced** : Nil  
**22. Research Scholars Registered in the College** : Nil
- 23. List of Research Guides in your College:**  
 Dr. P.K. SUNDARESAN, Email – [drpksundaresan@gmail.com](mailto:drpksundaresan@gmail.com)

## MERDIAN COLLEGE OF MANAGEMENT (FOR WOMEN), SOUTH VAZHAKKULAM, ALUVA

**1.Name of the College** : MERDIAN COLLEGE OF MANAGEMENT  
 (With e-mail and website) E-mail : [meridiancollegeofmanagement@gmail.com](mailto:meridiancollegeofmanagement@gmail.com)  
 Website : [www.meridiancollegeofmanagement.com](http://www.meridiancollegeofmanagement.com)

**2.Name of the Principal** : Pof. S. K. Krishnan

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	3	0	0	6
Non Teaching	0	2	0	0	2

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
Nil			MBA	0	60	Nil			Nil		

**5. Student Intake : Not Admitted this year.**

Intake , those Appeared in the Examination and Passed												M-Men, W-Women							
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
					MBA		39		7										

**6. Details of Tests cleared by Students : Nil**

**7. Library**

- (a) Total Number of Books : 1509 Nos.
- (b) Total Number of Journals : 42 Nos
- (c) Total Number of Periodicals : 5 Nos.
- (d) Numer of titles added during the year: 33 Nos.

**8. Grants Received From**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others - Specify : Nil

**9. Projects Undertaken : Nil**

**10. Seminars Conducted**

- (a) State Level : Students attended 3 state level Seminars
- (b) National Level : Students attended 2 National level Seminars
- (c) International Level : Nil

**11. Seminars Conducted by Faculty : Nil**

**12. Publications by the Faculty with Impact factor of the Publications : Nil**

**13. Research Highlights of Faculty/Scholars (A Short Description) : Nil**

**14. Academic Achievements (A Short Description) : Nil**

**15. Student Achievements - Academic : 3 students pass their 1<sup>st</sup> Sem. examinations**

**16. Students Activities/ Achievements –(Extra Curricular)**

- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Nil
- (c) Arts Festivals : Attended University Arts Festival, Conducted Art Festival in the College.
- (d) Sports: Conducted different sports in connection with annual day
- (e) Games: Conducted different games.

**17. Industry Varsity Linkage (If any, Short Description):** Linked with Encon club organized by BPCL and conducted competition and prizes were also given and exhibit posters of awareness at environment and energy protection in connection with BPCL Kochi.

**18. Academic Tie-Ups ( if any ) : Nil**

**19. Student Progression : Nil**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )

**20. Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	HDFC Standard Life Insurance Company		16		8

**21. Number of PhD's Produced : Nil**

**22. Research Scholars Registered in the College : Nil**

**23. List of Research Guides in your College (With e-mail and website) : Nil**

# PRESENTATION COLLEGE OF APPLIED SCIENCES, PUTHENVELIKKARA, ERNAKULAM

**1. Name of the College** : PRESENTATION COLLEGE OF APPLIED SCIENCES  
 (With e-mail and website) : [Presentationcollege2002@gmail.com](mailto:Presentationcollege2002@gmail.com)  
 Web : [www.presentationcollegepvk.org](http://www.presentationcollegepvk.org)

**2. Name of the Principal** : Prof.P.J ROY

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	9	2			51
Non Teaching	9	3			12

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M. Phil	Number of Seats		Ph. D	Number of Seats	
					M	W		M	W
B.Sc MICROBIOLOGY	30	M.Sc Biotechnology	20						
B.Sc BIOTECHNOLOGY	30	MTA	30						
B.Sc ELECTRONICS	60	M.Com	30						
B.Com	60								

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Sc MICROBIOLOGY	0	7	0	7															
B.Sc BIOTECHNOLOGY	1	6	1	6															
B.Sc ELECTRONICS	14	0	14	0															
B.Com	21	2	10	1															

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 5,486
- (b) Total Number of Journals : 10
- (c) Total Number of Periodicals : 5
- (d) Numer of titles added during the year



**8. Grants Received From** : Nil

- (a) State Government
- (b) Central Government
- (c) University Grant Commission
- (d) Others - Specify

**9. Projects Undertaken** : Nil

**10. Seminars Conducted**

- (a) State Level - 1) “MICRONORA “CONDUCTED BY MICROBIOLOGY AND BIOTECHNOLOGY Depts.  
2) NEW TRENDS & OPPORTUNITIES IN TOURISM INDUSTRIES CONDUCTED BY COMMERCE Dept.
- (b) National Level –“E –AZTASI” CONDUCTED BY ELECTRONICS Dept.
- (c) International Level

**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil **12.**

**Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** (A Short Discription) : Nil

**14. Academic Achievements** (A Short Discription) : Nil

**15. Student Achievements - Academic** (A Short Discription)

Betty Vincent and Shehnaz .S of MLT Dept. secured the **first and second rank** respectively Geethu Harilal (B.Sc Biotechnology) also secured the **first rank** in the March/April examinations of M.G University. Betty vincent & Shehanaz.S of MLT Dept secured the first and second rank respectively in the final year B.Sc MLT examination,2011. Some of our students are participated in a variety of cultural programmes like Oppana ,Mime Short storycompetition, Cartooning ,Essay writing(English and Malayalam) And Bharathanatyam in the University Youth Festival to be held at Thiruvalla from 29<sup>th</sup> Feb. to 4<sup>th</sup> March.

**16. Students Activities/ Achievements** –(Extra Curricular)

- (a) National Cadet Crops
- (b) National Service Scheme
- (c) Arts Festivals ---- Our students secured 11<sup>th</sup> position in mime competition in the university youth festival
- (d) Sports --- VOLLYBALL, BASKET BALL, SHUTTLE
- (e) Games --- CAROMS, CHESS

**17. Industry Varsity Linkage** (If any, Short Discription):

Students of Electronics Dept. visited FACT, Cochin division .

**18. Academic Tie-Ups (if any):**

Co- operate with different hospitals like RCC Tvm. , AMALA HOSPITAL Tcr. ,JUBILEE MISSION HOSPITAL Tcr. , MOTHER HOSPITAL Tcr. , KOLLAM DISTRICT HOSPITAL , LORDE HOSPITAL Ekm. , SREENARAYANA INSTITUTE OF MEDICAL SCIENCES, CHALAKKA Ekm.

**19. Student Progression**

- 1. ANN MARY JOSEPH JOINED AS A RESEARCH FELLOW IN JNU, DELHI.
- 2. RESHMA SILVESTER JOINED AS A RESEARCH FELLOW IN CUSAT, COCHIN.

**20. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Air India	1		1	

**21. Number of PhD’s Produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College** (With e-mail and website) : Nil

## SWAMY SASWATHIKANANDA COLLEGE, POOTHOTTA

<b>1</b>	<b>Name of the College</b>	SWAMY SASWATHIKANANDA COLLEGE, POOTHOTTA, Ernakulam Dist. PIN 682 307 Phone 0484 2793636					
		e mail: sscollege_mail@rediffmail.com					
		website; www.sscollege.org					
<b>2</b>	<b>Name of the Principal</b>	Prof. M.N.Lakshmanan					
<b>3</b>	<b>Staff profile</b>						
		<b>Men</b>	<b>Women</b>	<b>Scheduled Caste</b>	<b>Scheduled Tribe</b>	<b>Total</b>	
	Teaching	7	38	0	0	45	
	Non-Teaching	3	6	0	0	9	
<b>4</b>	<b>Courses Offered with Number of Seats</b>						
	<b>Under Graduate</b>	<b>Number of Seats in IYr, II YR and III Yr</b>		<b>Post Graduate</b>	<b>Number of Seats in I Yr and II Yr.</b>		
		<b>Men</b>	<b>Women</b>		<b>Men</b>	<b>Women</b>	
	B C A	80	95	M Sc I T	3	27	
	B Sc Compu.Science	68	84	M Com	19	31	
	B Sc Maths Voc. M II	29	49				
	B Com Voc M II	85	107				
	<b>M Phil</b>	<b>Number of Seats</b>		<b>Ph D</b>	<b>Number of Seats</b>		
		<b>Men</b>	<b>Women</b>		<b>Men</b>	<b>Women</b>	
		0	0		0	0	
		0	0		0	0	
<b>5</b>	<b>Students Intake</b>	Those appeared in the examination and passed					
	<b>Under Graduate</b>	<b>Appeared</b>		<b>Passed</b>			
		<b>M</b>	<b>W</b>	<b>M</b>	<b>W</b>		
	B C A	80	95	69	88		
	B Sc Compu.Science	68	84	59	76		
	B Sc Maths Voc. M II	29	49	26	44		
	B Com Voc M II	85	107	80	99		
	<b>Post Graduate</b>	<b>Appeared</b>		<b>Passed</b>			

		<b>M</b>	<b>W</b>	<b>M</b>	<b>W</b>		
	M Sc IT	3	27	3	25		
	M Com	19	31	18	29		
	M Phil	<b>Appeared</b>		<b>Passed</b>			
		M	W	M	W		
		Nil	Nil				
	Ph D	<b>Appeared</b>		<b>Passed</b>			
		M	W	M	W		
		Nil	Nil				
<b>6</b>	<b>Details of Tests Cleared by Students if any</b>						
<b>7</b>	<b>Library</b>						
(a)	Total Number of Books				4598		
(b)	Total Number of Journals				4		
(C)	Total Number of Periodicals				5		
(d)	Additions During the Period				474		
<b>8</b>	<b>Grants Received From</b>						
(a)	State Government				Nil		
(b)	U G C				Nil		
(C)	Others- specify				Nil		
<b>9</b>	<b>Projects Undertaken</b>				Nil		
<b>10</b>	<b>Seminars Conducted</b>						
<b>11</b>	<b>Seminars Conducted by Faculty</b>						
<b>12</b>	<b>Publications by the Faculty with Impact Factor of the Publications.</b>				Nil		
<b>13</b>	<b>Research Highlights of Faculty/ Scholars</b>				Nil		
<b>14</b>	<b>Academic Achievements</b>				Nil		

15	Student Achievements - Academic						
16	Students Activities/ Achievements- ( Extra Curricular)						
	National cadet Corps				Nil		
	National Service Scheme				Nil		
	Arts Festivals	College level and University level participation					
	Sports	College level and University level participation					
	Games	College level and University level participation					
17	Industry Varsity Linkage			Nil			
18	Academic Tie-Ups			Nil			
19	Student Progression ( Brief about the Past students)			Nil			
20	Campus Recruitment			Nil			
21	Number of Ph Ds Produced			Nil			
22	Research Scholars Registered in the College, if your college is an approved Research Centre			Nil			
23	List of Research Guides in Your College			Nil			

## SCMS SCHOOL OF TECHNOLOGY AND MANAGEMENT

**1.Name of the College** : SCMS SCHOOL OF TECHNOLOGY AND MANAGEMENT  
(With e-mail and website) : [sstm@scmsgroup.org](mailto:sstm@scmsgroup.org), [www.scmsgroup.org/sstm](http://www.scmsgroup.org/sstm)

**2.Name of the Principal** : Dr. Radha Thevannoor

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching MBA	6	10			16
MCA	1	11			12
Non Teaching MBA	3	4			7
MCA	4	2			6

**4. Courses Offered with Number of seats ADMISSION 2011**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
			MBA	39	79						
			MCA	26	29						

**5. Student Intake  
2011 PASSING OUT BATCH**

Intake , those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
					MBA	60	58	58	54								
					MCA	7	7	6	6								

**6. Details of Tests cleared by Students**

Sl.No	National Level	State Level	
1		ASTIK, CET	
2	AIMA-MAT, CAT		

**7. Library**

	MBA	MCA
(a) Total Number of Books	7367	4663
(b) Total Number of Journals	107	14
(c) Total Number of Periodicals	18	8
(d) Numer of titles added during the year	836	512

**8. Grants Received From**

- (a) State Government
- (b) Central Government **ICSSR**
- (c) University Grant Commission
- (d) Others - Specify

**9. Projects Undertaken**

- (a) Developing a profile of short duration migrant labourers in Ernakulam District

**10. Seminars Conducted**

- (a) State Level
- (b) National Level **PANORAMA 2011**
- (c) International Level **International Conference on Web Services Computing, October 14-15, 2011**

**11. Seminars Conducted by Faculty (Name wise –with details) : Nil**

**12. Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

S.No	Name of Faculty Member	Name of the Book	Name of the Publisher
1	DR.MAKESH KG	Rural Women Empowerment: initiatives through Self Help Groups	VDM Verlag Dr Muller, Germany
2	DR.MAKESH KG	Financial Services: A Marketing Perspective	VDM Verlag Dr Muller, Germany

S. No	Name of Faculty Member	Name of the Research Paper	Name of the International Journal
1	Prof. Indu Nair - MCA	Analysis of recent studies undertaken for assessing acceptance of technology among Teachers using TAM	International Journal of Computer Applications 32(8): 38-46, October 2011. Published by Foundation of Computer Science, New York, USA. – Impact factor=0.835
2	Daly Paulose	Tapping Emerging Market Competencies in India	BIM, Trichy. Towards Managerial Excellence:Challenges and Choices (Macmillan Publishers Ltd)
3	Dr. Susan Abraham	Development of Employee Engagement Programme on the basis of Employee Satisfaction Survey	Journal of Economic Development, Management, IT, Finance and Marketing
4	Dr. Poornima Narayan R	Narayan, Poornima, Unnithan, Chandana . An ICT enabled conceptual framework for determining epidemic susceptibility and acute type response: An exemplar from India, International Journal of e-adoption, IGI Academic Publications, USA (Accepted for publication)	International Journal of e-adoption, IGI Academic Publications, USA (Accepted for publication)
S. No	Name of Faculty Member	Name of the Research Paper	Name of the National Journal
1	DR. MAKESH KG	IPRs for Ensuring Competitiveness in Indian MSME Sector: Challenges & Opportunities’,	South Asian Business Review, Birla Institute of Management & Technology, Noida, ; ISSN 0974-5939
2	DR. MAKESH KG	Credit Risk Disclosures by Banks: The Market Discipline Pillar of Basel II Accord’,	Fortune Journal of International Management, Fortune Institute of International Business, New Delhi, ; ISSN 09973-0079
3	DR. MAKESH KG	Agricultural Sector in India: Concerns on Performance and Sustainability’	South Asian Business Review, Birla Institute of Management and Technology, Noida, ISSN 0974-5939
4	Mr. Vilas Nair	Managing Business Development in Globalised World- Strategies for excellence	Excel Books ISBN 978-81-7446-927-4
5	Mr. Vilas Nair	Innovative Marketing Strategies Current trend	Onkar Bharthi Publications, ISBN 978-81-908869-3-2

**13. Research Highlights of Faculty/Scholars** (A Short Discription) **14. Academic Achievements** (A Short Discription)

**15. Student Achievements - Academic** (A Short Discription)

- Overall Winners of at ICE, 2012 and B Fest, conducted by Kannur University
- First prize in the Marketing Game at Asthra, the B-Fest conducted by Amrita School of Business, Kochi on 17th and 18th March, 2012
- Runners up for the HR Game at Inflore 2011, conducted by Rajagiri Center for Business Studies on November 17, 18 and 19.  
Won the second prize for the CSR Game conducted at USHUS 2011, an event organized by Christ University, Bangalore.
- Mr Prashant Prathap Nair, Batch 8 student was best presenter at Panel Discussion of the Union Budget 2012, conducted by De Paul Academy of Management, Angamali.
- Paper Presentation by Shilpa Prabhat, Semester II student at PSG, Coimbatore.

**16. Students Activities/ Achievements –(Extra Curricular)**

- (a) National Cadet Crops  
 (b) National Service Scheme  
 (c) Arts Festivals  
 (d) Sports **Football, Basket, Table Tennis, Badminton, Cricket**  
 (e) Games

**17. Industry Varsity Linkage (If any, Short Discription)**

- IBM Great Mind Challenge – A Project based Competition taken by MCA final year students with IBM tools.

**18. Academic Tie-Ups ( if any )****19. Student Progression (eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )****20. Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	HAVELLS INDIA LTD.	15	7	2	0
2.	HINDUSTAN COCA-COLA BEVERAGES PVT. LTD.	10	37	2	0
3.	IBS SOFTWARE SERVICES PVT. LTD.	10	12	0	3
4.	JOYALUKKAS INDIA LTD.	12	9	8	0
5.	ICICI BANK	40	46	15	8
6.	IDBI BANK	10	8	3	2
7.	BLUE STAR	13	0	1	0
8.	KADENCE INTL	20	20	0	1
9.	FEDERAL BANK	17	20	0	1
10.	INDIAN OVERSEAS BANK	15	20	0	1
11.	CANARA BANK	15	15	6	7

**21. Number of PhD's Produced , if your college is an approved Research Centre – None****22. Research Scholars Registered in the College, if your college is an approved Research Centre**

Sl.No	Name of Research Scholar	Title	Name of Guide
1	Ms. Bindhu Nambiar	A critical study of Customer Relationship Management in Retail Marketing	Dr. Raman Nair
2	Ms. Anu Antony	Risk Mode and Portfolio Selection: A Behavioural Approach for Optimization of Return.	Dr. Raman Nair

**23. List of Research Guides in your College (With e-mail and website)**

Dr. Raman Nair : [ramannair@scmsgroup.org](mailto:ramannair@scmsgroup.org), [www.scmsgroup.org](http://www.scmsgroup.org)

Dr. Appala Raju : [applaraaju@scmsgroup.org](mailto:applaraaju@scmsgroup.org), [www.scmsgroup.org](http://www.scmsgroup.org)

## St.Mary's College Of Commerce & Management Studies Thuruthiply

**1.Name of the School/ Department** : St. Mary's College of Commerce & Management Studies  
(With e-mail and website) : St.mary'scems@gmail.com & [www.smcthurutiply](http://www.smcthurutiply)

**2.Head of the School/Department** : Prof Jory Mathai

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	9	1	----- ---	13
Non Teaching	1	2	----- --	----- ---	3

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Com (CA)	52	28	----- --	----		----- -			----- -		
B.Com (Fin & Taxation)	25	9	----- --			----- --			-----		
BBA	23	18	-----			----- -					

### 5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appear ed		Passed		Post Graduate	Appe ared		Passed		M. Phil	Appear ed		Passe d		Ph. D	Appe ared		Passe d		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
B Com (CA)	52	27	18	5	--					--					--					
B.Com (Fin & Tax)	25	9																		
BBA	17	18			--					--					--					

**6.Details of Tests cleared by Students** : Nil

### 7.Library

- (a) Total Number of Books : 1089  
 (b) Total Number of Journals : 5  
 (c) Total Number of Periodicals : 10  
 (d) Numer of titles added during the year: 10



- 8.Grants Received From** : Nil  
 (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify
- 9.Projects Undertaken** : Nil
- 10.Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** (Name wise –with details) : Nil
- 12.Publications by the Faculty with Impact factor of the Publications** : Nil
- 13.Research Highlights of Faculty/Scholars** : Nil
- 14.Academic Achievements** (A Short Description) : Nil
- 15.Student Achievements - Academic** (A Short Description) : Nil
- 16.Students Activities/ Achievements** –(Extra Curricular) : Nil  
 (a) National Service Scheme  
 (b) Arts Festivals  
 (c) Sports  
 (d) Games
- 17.Industry Varsity Linkage** (If any, Short Description) : Nil
- 18.Academic Tie-Ups** ( if any ) : Nil
- 19.Student Progression** : Nil
- 20.Campus Recruitment** ( if any ) : Nil
- 21.Number of PhD's Awarded so far** : Nil
- 22. Research Scholars Registered in the School** : Nil
- 23.Alumni Activities** (With e-mail and website) : Nil

## TRAINING COLLEGE (AIDED)

### St. Joseph College of Teacher Education for Women, Ernakulam

- 1. Name of the College** : St. Joseph College of Teacher Education for Women, Ernakulam  
 (With e-mail and website) : [stjosephtrainingcollege@hotmail.com](mailto:stjosephtrainingcollege@hotmail.com)  
 : [www.stjosephctw.com](http://www.stjosephctw.com)

- 2. Name of the Principal** : Leelamma K J

**3. Staff Profile:**

	Men	Women	SC	ST	Total
Teaching	-	13	-	-	13
Non- Teaching	2	11	-	-	13

**4. Courses Offered with Number of seats:**

Graduate	Number of Seats	
	Men	Women
B.Ed	200	
M.Ed	35	

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women				
Under Graduate	Appeared		Passed	
	M	W	M	W
B.Ed	-	188	-	185
M.Ed	-	17	-	15

### 6. Details of Tests cleared by Students

Sl.No.	National Level	State Level
B.Ed	5	
M.Ed		3

### 7. Library

- (a) Total Number of Books : 17821
- (b) Total Number of Journals : 56
- (c) Total Number of Periodicals : 72
- (d) Number of titles added during the year

### 8. Grants Received From

- (a) State Government : Annual Salary  
Teaching Staff : Rs.5060669/-  
Non- Teaching Staff : Rs.2149705/-
- (b) University Grant Commission

1	Developmental Assistance	160000
2	Remedial Coaching	50000
3	Career Counselling	20000
4	UGC Network Resource Centre	160000
5	Seminar	67500
6	Minor Research Proposal	16000
7	Jubilee Grants	1000000
8	Additional Grants	1000000
9	Additional Grants	800000
10	FIP	297760
<b>Total</b>		<b>3571260</b>

- (b) Others: - e - grantz (SC, ST, OEC)  
Tuition Fees, Special Fees, Exam Fees, Hostel Fees (10 Months) – Rs. 490148

### 9. Projects Undertaken

- Ongoing - 1 on the ("Effectiveness of e-learning on the Achievement of the students with Reading-writing disorders in English" by Ms Marin Jose on the topic funded by CeDS, Govt, of Kerala).
- Completed Research project - on the topic "21<sup>st</sup> Century skills of Teacher Educators" by Dr. Mary Joseph and Sr. Alice Joseph funded by UGC.

## 10. Seminars Conducted

(a) State Level - 3

(b) National Level – 1

(c) International Level - Nil

## 11. Seminars Conducted by Faculty (Name wise –with details)

(a) State Level –

A Seminar on Career Counselling was organized by Ms. Aswathy & Sreedevi from Kerala State Womens' Development Corporation on 2<sup>nd</sup> February 2011.

Seminar on Personality Development by Mr. Krishnakumar for M.Ed students.

One Day Seminar on Personality for M.Ed's by Dr. N.K Arjunan on 5<sup>th</sup> August 2011.

(b) National Level – UGC Sponsored National Seminar on Techno – pedagogy for teacher educators on 21<sup>st</sup> and 22<sup>nd</sup> July 2011 held at St. Joseph College of Teacher Education for Women.

(c) International Level - Nil

## 12. Publications by the Faculty with Impact factor of the Publications (A Short Description)

**Dr. Rachel M George:** - 1. "Favorable impact of a self learning package in developing awareness about food and nutrition among student teachers at secondary level." **In**

**Journal of Educational Endeavors.**

2. "Self learning package in increasing the awareness a personal hygiene practices and correcting the perceptions among student teachers at secondary level." **In Gurujyothi Research Reflections.**

3. "Favorable impact of a self learning package in developing awareness in First Aid among 'student teachers at secondary level." **In Journal of Teacher Education and Research'.**

**Dr. Hemaletha P K:** - 4. Journal of Educational Endeavors - National - Vol. 5 No.2 July-2011 – Need and Significance of High School Counselling - St Joseph's College of Education for Women, Guntur

5. JCERI (Available **online at <http://www.jceri.com>**) – National - Vol. 1, No. 2, 19-22, 2011 - Inquiry Approach in Developing Affective Goals in Learning History at Secondary - School Level- Journal of Contemporary Educational Research and Innovations (Chidambaram, Tamil Nadu)

## 13. Research Highlights of Faculty/Scholars (A Short Description)

Faculty members are initiated to do major and minor research works. They conduct action research in class rooms. They are also encouraged to present research papers in national and international seminars and publish them in souvenirs and journals. Faculty members are also engaged in guiding PG student for their dissertation work.

### Ph. D – 6

1. **Sr. Dr. Ammini M J** – “Developing and Testing Enactive and Iconic models of Animating the Teaching of Malayalam Metre in School”
2. **Sr. Dr. Rosamma Lukose M** – “Use of Self- Learning materials :- Perception and Performance of student Teachers at Secondary level – 2006”
3. **Sr. Dr. Mary Joseph** – “Philosophy applied in the teaching of philosophy in B. Ed level. Developing and testing of Models”
4. **Dr. Rosamma T-** “ Doctor of Philosophy in physical Education”
5. **Dr. Hemaletha P K** – “EFFECTIVENESS OF INQUIRY APPROACH IN LEARNING HISTORY AT THE SECONDARY SCHOOL LEVEL”

8. **Dr. Rachel George M** – “Preparation of a Learning Package for developing Health Awareness among student teachers at Secondary Level.”

**M.Phil - 2**

9. **Regi P Mathew** - “Effectiveness of advance organize model and concept Attainment model in Teaching Population Education at the Secondary School Level.  
2. **Mrs. Smitha Jose** -

**Research Ongoing - 5**

- (a) **Betty P. J.** - "A study on the relationship between Mathematical creativity and ability for fundamental mathematical operations of primary school students having the learning disability- dyscalculia"  
*Guide- Dr. P.J. Jacob, Professor, School of Pedagogical Sciences, M.G. University, Kottayam.*  
2. **Alice Joseph** - "Preparation of a learning package to enhance reading and writing achievements of students at primary level".  
*Guide - Dr. Minikutty A. Associate Professor, School of Pedagogical Sciences M.G. University, Kottayam*  
3. **Bindu Joseph** - "Development of a package for enhancing pedagogical content knowledge among secondary school teachers".  
*Guide - Dr. J. Exemmal, Retd. Professor, Department of education Kerala University, Thiruvananthapuram*  
4. **Ms. Joby Joy Kurian** -"Mathematical Applications inherent in the art and architectural forms of Kerala Culture and its possibilities in teaching mathematics at the secondary school level".  
*Guide - Dr. K. T. Joseph, Professor, Kerala University.*  
5. **Josephine Joseph** – Developing a Learning Package On Eco-Spirituality To Enhance Lifecoping Skills and Awareness in Green Chemistry of Adolescents.  
*Guide - Dr. Jayasree P, Asst. Professor Senior, School of Pedagogical Sciences M .G. University, Kottayam.*

**14. Students Activities/ Achievements – (Extra Curricular)**

- (a) National Cadet Crops - Nil  
(b) National Service Scheme - Nil  
(c) Arts Festivals Student Achievement and Awards  
Students participated in University Youth festival. Mrs Gayalakshmi. V. of English Education Secured 1<sup>st</sup> Prize & a Cash Award of Rs 1500/for English Poetry writing competition & 3<sup>rd</sup> prize for English Short Story writing Competition in the M G University Youth Festival 2011.  
(d) Sports Performance of sports and games  
To bring about the overall development of all students opportunities are given to participate in sports and games. Three hours per week are devoted for physical training. Annual Sports Day was held to promote healthy competition. Prizes were distributed to the winners. Three students participated in the Sports Meet at St. Joseph College Mannanam & Ms. Ligy Joseph of Phy. Science Education secured 3<sup>rd</sup> Prize in 100 meters race.  
Incentives to Outstanding Sports Persons  
Awards and certificates were distributed to the students who excelled in sports. TA and other facilities were provided to students who participated in inter collegiate completions.  
(e) Games – Nil

**18. Academic Tie-Ups (if any)**

1. CTE (Council for Teacher Education)
2. AIAER (All India association of Educational Research)
3. AKPTCTA ( All Kerala Private Training College Teachers Association)
4. Xavier Board of Higher Education

**16. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1	Stella Maris Public School, Udayamperoor		3		1
2	St. Joseph CGHS, Ernakulam		10		3
3	St. Augustine, Aroor		1		1
4	St. Joseph's, Aluva		2		1

## TRAINING COLLEGES (UNAIDED)

### AUXILIUM COLLEGE OF EDUCATION

**1. Name of the College** : AUXILIUM COLLEGE OF EDUCATION  
(With e-mail and website) : [auxilium.edu@gmail.com](mailto:auxilium.edu@gmail.com)

**2. Name of the Principal** : Dr. V.T Mathew

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	4	-	-	6
Non Teaching	2	4	-	-	6

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed		5									

**5. Student Intake**

Under Graduate	Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
B.Ed	-	5		5																

**6. Details of Tests cleared by Students** : Nil

**7. Library**

- (a) Total Number of Books : 3429
- (b) Total Number of Journals : 3
- (c) Total Number of Periodicals : 10
- (d) Numer of titles added during the year : 21

- 8.Grants Received From** : This is self -financing  
 (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil  
**9.Projects Undertaken** : Nil  
**10.Seminars Conducted** : Nil  
**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil  
**12.Publications by the Faculty with Impact factor of the Publications:**  
 Nil  
**13.Research Highlights of Faculty/Scholars** (A Short Discription)  
**14.Academic Achievements** (A Short Discription) College began only during 2010 with 5 students.  
 All appeared for exam and all passed with “B”grade.  
**15.Student Achievements - Academic** (A Short Description) : Nil  
**16.Students Activities/ Achievements** –(Extra Curricular)  
 (a) National Cadet Crops  
 (b)National Service Scheme  
 (c) Arts Festivals : Conducted at the college level.  
 (d) Sports : Conducted at the college level.  
 (e) Games : Conducted at the college level.  
**17.Industry Varsity Linkage** (If any, Short Description) : Nil  
**18.Academic Tie-Ups ( if any)** : Nil  
**19.Student Progression** : Nil  
 (eg: Former student cleared civil service, joined MIT, Post doctoral fellowships )  
**20. Campus Recruitment ( if any)** : Nil  
**21.Number of PhD’s Produced** : Nil  
**22. Research Scholars Registered in the College** : Nil  
**23.List of Research Guides in your College** (With e-mail and website) : Nil

## Avila College of Education, Edacochin, Cochin

**1. Name and address of the institution** : Avila College of Education, Edacochin,  
 : [email@avilacollege.org](mailto:email@avilacollege.org) / [www.avilacollege.org](http://www.avilacollege.org)

**2. Name of the Principal** : Dr. Benny Varghese

### 3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Schedule Tribe	Total
Teaching	4	17	Nil	Nil	21
Non-Teaching	2	7	Nil	Nil	9

### 4. Courses Offered with Number of seats and

#### 5. Student Intake

Under Graduate	No. of Seats		Post Graduate	No. of Seats		M. Phil	No. of Seats		Ph. D	No. of Seats	
	M	W		M	W		M	W		M	W
B. Ed	7	114	M. Ed.	4	20						

**6. Details of Tests cleared by Students (if any)**

No.	National Level	State Level (SET)	
1	3	1	

**1. Library**

- (a) Total Number of Books : 8035  
 (b) Total Number of Journals : 37  
 (c) Total Number of Periodicals : 14  
 (d) Additional during the period : 2

**2. Grants Received From**

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commissio : Nil  
 (d) Others – Specify : Nil

**3. Projects Undertaken**

: Nil

**4. Seminars Conducted**

: Nil

**5. Seminars Conducted by Faculty**

: Nil

**12. Publications by the Faculty with Impact factor of the Publications : Nil**

**13. Research Highlights of Faculty/Scholars : Nil**

**14. Academic Achievements : Nil**

**15. Student Achievements – Academic - ( B. Ed. Result - Grade A+ 5, A 36, B+ 65, B 11, C+ 2)  
 (M. Ed. Result – (First Class – 19, Second Class – 6)**

**16. Students Activities/Achievements - {Extra Curricular}**

- (a) National Cadet Crops : Nil  
 (b) National Service Scheme : Nil  
 (c) Arts Festivals : Nil  
 (d) Sports : College Level Sports  
 (e) Games

**17. Industry Varsity Linkage (if any) : Nil**

**18. Academic Tie-Ups (if any) : Nil**

**19. Student progression (Brief about the past students) : Nil**

**20. Campus Recruitment (if any) : Nil**

**21. Number of PhD's Produced : Nil**

**22. Research Scholars Registered in the College**

Sl. No.	Name of Research Scholar	Title	Name of Guide	
1	Theresa Jose	‘Sreethuwam’ ONV Kurupinta Kavidthakalil	Dr. VK Krishna Kaimal, Department of Malayalam, Maharaja’s College, Ernakulam	
2	Sreeja S	Impact of Hearing impairment of Children on Education and Psychological Behaviour	Dr. Celine Periera, School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam	

**23. List of Research Guides in your College : Nil**

## H.M.TRAINING COLLEGE, Randarkara

**1. Name of the College** : H.M.TRAINING COLLEGE  
 (with e-mail and website) : hmartsa ndbe dc olle ge. com  
 : [hmtrainingcollege@gmail.com](mailto:hmtrainingcollege@gmail.com)

**2. Name of Principal** : Dr.G.Ravindran

### 3. Staff Profile

	Men	Women	SC	ST	Total
Teaching	5	12	2	0	17
Non Teaching	1	3	0	0	4

### 4. Courses Offered with number of seats

Under Graduate	Number of seats		Post Graduate	Number of seats	
	M	W		M	W
B.Ed	275		M.Ed	35	

### 5. Student Intake

Intake, those appeared in the Examination and Passed									
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Ed	12	96	12	95	M.Ed	6	19	4	16

**6. Details of Tests cleared by students** : Nil

### 7. Library

- a) Total Number of books : 6233
- b) Total Number of Journals : 10
- c) Total Number of Periodicals : 10
- d) Number of titles added during the year : 198

**8. Grants Received From** : Nil

- a) State Government
- b) Central Government
- c) University Grant Commission
- d) Others - specify

**9. Projects undertaken** : Nil

**10. Seminars conducted** : Nil

**11. Seminars Conducted by Faculty** : Nil

**12. Publications by the faculty with Impact factor of the publications** : Nil

**13. Research Highlights of Faculty/Scholars** : Nil

**14. Academic Achievements –** The College has been producing excellent results in all University examinations

**15. Academic Achievements –Academic –** A good number of students showed better academic performances

**16. Students Activities/ Achievements – Extra Curricular**  
 Sports – Students participated in Inter collegiate Athletic meet,  
 Arts festival and various programmes organized by the College and the University.

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups** : Nil

**19. Student Progression** : Nil

**20. Campus Recruitment** : Nil



21. Number of Pdd's Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your college : Nil

## HILL VALLEY COLLEGE OF EDUCATION FOR WOMEN, THRIKKAKARA

1. Name of the College : HILL VALLEY COLLEGE OF EDUCATION FOR WOMEN  
 (With e-mail and website) : [hillvalleycew@gmail.com](mailto:hillvalleycew@gmail.com) & [www.hillvalleycollege.com](http://www.hillvalleycollege.com)

2. Name of the Principal : Prof(Dr) P. V Suraj Babu

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	7	0	0	8
Non Teaching	0	4	0	0	4

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed	0	100	-			-			-		

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																	
Under Graduate	Appeared		Passed		Post Graduate	App eared		Passed		M. Phil	Appea r ed		Ph. D	Appea red		Pass ed	
	M	W	M	W		M	W	M	W		M	W		M	W	M	W
B.Ed	0	34	0	34													

### 6. Details of Tests cleared by Students

#### 7. Library

- (a) Total Number of Books : 3240  
 (b) Total Number of Journals : 6  
 (c) Total Number of Periodicals : 4  
 (d) Numer of titles added during the year : 210

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

9. Projects Undertaken: Nil

10. Seminars Conducted: Nil

11. Seminars Conducted by Faculty (Name wise –with details) : Nil

12. Publications by the Faculty with Impact factor of the Publications: Nil

13. Research Highlights of Faculty/Scholars (A Short Description) : Nil

14. Academic Achievements (A Short Description) : 100 % Pass in B.Ed Exam with one A +

15. Student Achievements - Academic (A Short Description) : Nil

16. Students Activities/ Achievements –(Extra Curricular) : Nil  
 17. Industry Varsity Linkage (If any, Short Description) : Nil  
 18. Academic Tie-Ups ( if any ) : Nil  
 19. Student Progression : Nil  
 20. Campus Recruitment ( if any ) : Nil  
 21. Number of PhD's Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College (With e-mail and website): Nil

## Holy Crescent College of Education, South Vazhakulam

1. Name of the College : Holy Crescent College of Education  
 (With e-mail and website) E mail : [holycrescent2010@gmail.com](mailto:holycrescent2010@gmail.com)

2. Name of the Principal : C. C. Kavitha

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	7	0	0	8
Non Teaching	2	2	0	0	4

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B. Ed.	100										

### 5. Student Intake:100, Admitted-51

Intake , those Appeared in the Examination and Passed M-Men, W-Women											
Under Graduate	Appeared	Passed	Post Graduate	Appeared	Passed	M. Phil	Appeared	Passed	Ph. D	Appeared	Passed

: Nil

: 3314

: 15 : 4

: Nil

: Nil

	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
B. Ed.	6	45	5	45												

### 6. Details of Tests cleared by Students

#### 7. Library

- (a) Total Number of Books  
 (b) Total Number of Journals  
 (c) Total Number of Periodicals  
 (d) Number of titles added during the year

#### 8. Grants Received From

- (a) State Government
- (b) Central Government
- (c) University Grant Commission
- (d) Others – Specify

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil

**2. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** (A Short Description) : Nil

**14. Academic Achievements** (A Short Description) : Nil

15. Student Achievements - Academic (A Short Description) : Nil  
 16. Students Activities/ Achievements – (Extra Curricular) : Nil  
 17. Industry Varsity Linkage (If any, Short Description) : Nil  
 18. Academic Tie-Ups ( if any ): Seminar by Benny Pulickken on Pro life Cancer  
 19. Student Progression : Nil  
 20. Campus Recruitment ( if any ) : Nil  
 21. Number of PhD's Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College (With e-mail and website) : Nil

## INDIRA GANDHI TRAINING COLLEGE NELLIKUZHI, KOTHAMANGALAM

1. Name of the College : INDIRA GANDHI TRAINING COLLEGE, NELLIKUZHI  
 (With e-mail and website) : bed@igm.t.org

2. Name of the Principal : Dr. V. Sadasivan Nair

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	21	11			
Non Teaching	1	3			

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed	100										

### 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	6	83	6	83															
Total	8	9	8	9															

### 6. Details of Tests cleared by Students

Sl.No	National Level	State Level	
1.	National Eligibility Test in Commerce		Arya Gopi Commerce Education

### 7. Library

- (a) Total Number of Books : 5250  
 (b) Total Number of Journals : 4  
 (c) Total Number of Periodicals : 4  
 (d) Numer of titles added during the year : 400

8. Grants Received From : Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

9. **Projects Undertaken** : Nil  
10. **Seminars Conducted** : Nil  
11. **Seminars Conducted by Faculty** : Nil  
12. **Publications by the Faculty with Impact factor of the Publications** : Nil  
13. **Research Highlights of Faculty/Scholars (A Short Description)** : Nil  
14. **Academic Achievements (A Short Description)** : The college achieved cent percent result out of 42 colleges only 22 have secured 100% result IGTC was one among them  
15. **Student Achievements - Academic (A Short Description)** : Nil  
16. **Students Activities/ Achievements –(Extra Curricular)**  
(a) National Cadet Crops  
(b) National Service Scheme  
(c) Arts Festivals : 1) IV place in group song at SNM Training College Poothotta  
2) II place in photography at S.N College, Moothakunnam  
3) Participated in various activities like, Sramadan, Social Work, Campus Cleaning  
4) Participated in various quiz competition  
(d) Sports  
(e) Games  
17. **Industry Varsity Linkage (If any, Short Description)** : Nil  
18. **Academic Tie-Ups ( if any )** : Nil  
19. **Student Progression** : Nil  
20. **Campus Recruitment ( if any )** : Nil  
21. **Number of PhD's Produced** : Nil  
22. **Research Scholars Registered in the College** : Nil  
23. **List of Research Guides in your College (With e-mail and website)**  
1) Dr.V Sadasivan Nair  
E-mail: shamsudheen67@yahoo.com

## JAI BHARATH TRAINING COLLEGE, THRIKKAKARA, COCHIN

1. **Name of the College** : JAI BHARATH TRAINING COLLEGE, THRIKKAKARA,  
(With e-mail and website) e-mail: [jaibharathtrainingcollege@gmail.com](mailto:jaibharathtrainingcollege@gmail.com)  
web: [www.jaibharathcollege.in](http://www.jaibharathcollege.in)

2. **Name of the Principal** : Dr.N.K.ARJUNAN

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	7	0	0	8
Non Teaching	1	3	0	0	4

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Ed.	50	50									

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women
--

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	5	94	5	94															

**6. Details of Tests cleared by Students** : Nil

**7. Library**

(a) Total Number of Books : 4724

(b) Total Number of Journals : 12

(c) Total Number of Periodicals : 8

(d) Number of titles added during the year : 200

**8. Grants Received From**

(a) State Government : Nil

(b) Central Government : Nil

(c) University Grant Commission : Nil

(d) Others – Specify : Nil

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars attended by Faculty** (Name wise –with details) : Nil

**12. Publications by the Faculty with Impact factor of the Publications**: Nil

**13. Research Highlights of Faculty/Scholars** (A Short Description) : Nil

**14. Academic Achievements** (A Short Description): Cent percent Pass in University examination

**15. Student Achievements - Academic** (A Short Description) : Nil

**16. Students Activities/ Achievements** – (Extra Curricular)

(a) National Cadet Crops : Nil

(b) National Service Scheme : Nil

(c) Arts Festivals : Nil

(d) Sports : Nil

(e) Games : Nil

**17. Industry Varsity Linkage** (If any, Short Description) : Nil

**18. Academic Tie-Ups** (if any) : Nil

**19. Student Progression** : Nil

**20. Campus Recruitment** (if any) : Nil

**21. Number of PhD's Produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College** (With e-mail and website) : Nil

## Nirmala Sadan Training College for Special Education, Muvattupuzha

1. **Name of the College:** Nirmala Sadan Training College for Special Education, Muvattupuzha  
e-mail: [nirmalasadan@yahoo.co.in](mailto:nirmalasadan@yahoo.co.in)  
Website: [www.nirmalasadan.org](http://www.nirmalasadan.org)

2. **Name of the Principal:** Dr.Sr.Glory

3. **Staff Profile** :

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Full time:1 Visiting :4	Full time:4 Visiting :5	Nil	Nil	Full time:5 Visiting :9
Non Teaching	1	5	1	-	6

#### 4. Course Offered with Number of seats

Under Graduate	Number of seats		Post Graduate	Number of seats		M. Phil	Number of seats		Ph D	Number of seats	
	M	W		M	W		M	W		M	W
B.Ed Special Education (MR)	3	20	M.Ed Special Education (MR)	Nil	4	Nil			Nil		

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M- Men, W- Women																		
Under graduate	Appeared		Passed		Post graduate	A p p e a r e d		P a s s e d		M. Phil	A p p e a r e d		P h . D	A p p e a r e d		P a s s e d		
	M	W	M	W		M	W	M	W		M	W		M	W	M	W	M
B.Ed Special Education	2	19	2	19	M.Ed Special Education	-	1	-	1	Nil				Nil				

6. Details of Tests cleared by Students : Nil

#### 7. Library

- (a) Total Number of Books : 1602  
 (b) Total Number of Journals : 12  
 (c) Total Number of Periodicals : 19  
 (d) Numer of titles added during the year : 13

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) Others – Specify : Nil

#### 9. Project Undertaken

- (a) We have conducted 3 workshop  
 (b) (5 days each) on “Integrating Therapy with School Activities”, “Inclusive Education” and “Group Education Programme”(with financial assistance from Rehabilitation Council of India New Delhi).

10. Seminars Conducted : Nil

#### 11. Seminars conducted by Faculty

- (a) State Level: The following faculty members took class during the state level workshop

Sl.No	Name	Topic Taken
1	Helen George	Speech, Language and communication Integrating speech Therapy with School activities
2	Betty Mathew	Physiotherapy, Integrating Speech Therapy with School activities
3	Mr. Jameson Samuel	Occupational Therapy Integrating occupational Therapy with School activities

4	Sr.Divya	Importance of grouping Types of Groups class room climate.
5	Mr. Jimmy B Varghese	Leadership, styles of leadership, qualities of leader
6	Shanty Sebastian	Cooperative learning
7	Jancy George	Peer tutoring
8	Ragi K.G	Diverse needs of students strategies to meet various needs.

- (b) National Level : Nil  
(c) International Level : Nil

**12. Publications by the Faculty with Impact factor of the Publications :** Nil

**13. Research Highlights of Faculty:** :

Sr.Glory has completed the Ph.D thesis during this academic year. The degree has awarded in June 2011. The title of the study is “Literacy Rich approach in the Language development of children with Mental retardation”. It was an experimental study in which the results have many implications in the education and training of children with disability especially children with mental retardation.

Other Ph.D works being conducted by our teachers are :

**Sr.Divya:** A study of functional Abilities and problems of Adults with intellectual Disabilities.

**Kochurani P.J. :** Effectiveness of primary methods social work in developing psychosocial competence of Adults with Locomotor Disabilities.

**Research Highlights of Scholars**

We are conducting two Teacher Training Courses – B.Ed Special Education (MR) and M.Ed Special Education (MR) affiliated to M.G. University and recognized by Rehabilitation Council of India. Nirmala Sadan is the only institute conducting M.Ed Special Education (MR) Course in the state of Kerala.

**14. Academic Achievements (A short Discription :**

During 2011 year 2 students received university level rank for B.Ed Special Education (MR).

The 2<sup>nd</sup> rank was received by Remya Raj and 3<sup>rd</sup> rank was received by Lissy Joseph.

**15. Student Achievements – Academic :** Nil

**16. Students Activities/Achievements**

– (Extra Curricular)

- (a) National Cadet Crops : Nil  
(b) National Service Scheme : Nil  
(c) Arts Festivals : Nil  
(d) Sports : Every year we conducts Annual sports, a meet for teacher trainees  
(e) Games : Competitions were conducted along with Onam celebrations selected items were Bombing the city, Lemon race, filling the bottle and bread biting.

**17. Industry Varsity Linkage :** Nil

**18. Academic Tie-Ups (If any) :** Nil

**19. Student Progression:** The passed out students are working as lectures, principals, and resource room teachers in various parts of Kerala and India. Around ten students are working in abroad (U.S.A, Dubai and Australia). Few students after completing B.Ed, joined M.Ed Special Education (MR) course.

**20. Campus Recruitment (if any):** Even Though there is no formal recruiting system the institute guide students to get job in various education institutions

**21. Number of PhD’s produced :** Nil

**22. Research Scholars Registered in the college, :** Nil

**23. List of Research Guides in your College (with e-mail and website) :** Nil



# PATRIARCH IGNATIUS ZAKKA - I TRAINING COLLEGE MALECRUZ, (PUTHENCRUZ) ERNAKULAM

**1. Name of the College** : Patriarch Ignatius Zakka I Training College, Malecruz  
 Website : [www.piztc.org](http://www.piztc.org),  
 email : [principal@piztc.org](mailto:principal@piztc.org)

**2. Name of the Principal** : P.A.JACOB

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	11	1	0	14
Non Teaching	3	3	0	0	6

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed	07	62	Nil	NA	NA	Nil	NA	NA	Nil	NA	NA

### 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed	Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W			M	W	M	W	M
64	6	57	6	57	Nil					Nil					Nil				

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 4230  
 (b) Total Number of Journals : 09  
 (c) Total Number of Periodicals : 15  
 (d) Number of titles added during the year : 32

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify

### 9. Projects Undertaken

- (a) Conducted "activity oriented leadership training Programme" led by Mr.Renjith, (b) Conducted a hospital visit to Leprosy Sanatorium at Varikoli  
 c) Conducted a survey study 'the socio-economic status in Poothrikka Grama Panchayathu.  
 d) Conducted an" archeological exhibition" for the public

### 10. Seminars Conducted

- C) One day seminar on "Constructivism, Critical pedagogy and issue based curriculum" on 21-01-2011  
 D) Discourse on "Stress free life" led by Brahmakumari Samaj, Mumbai  
 E) Discourse on "Communicative English" by Prof.Toms

**11. Seminars Conducted by Faculty** : Nil

**12. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** : Nil

**14. Academic Achievements** : Received Dr.Sivadasapillai Foundation award instituted by Council for Teacher Education(CTE),South zone in honour of Dr.Mercy Abraham,Rtd Prof,KERALA University

**15. Student Achievements - Academic -100% Result****16. Students Activities/ Achievements – (Extra Curricular)**

(a) National Cadet Crops ; Nil

(b) National Service Scheme ; Nil

(c) Arts Festivals

(d) Sports

(e) Games

**17. Industry Varsity Linkage (If any, Short Discription) : Nil****18. Academic Tie-Ups (if any);** Institutional life membership of Council for Teacher Education, Madhyapradesh**19. Student Progression : Nil****20. Campus Recruitment (if any) : Nil****21. Number of PhD's Produced : Nil****22. Research Scholars Registered in the College : Nil**

## SAHODARAN AYYAPPAN MEMORIAL COLLEGE OF EDUCATION , POOTHOTTA

**1.Name of the College:** SAHODARAN AYYAPPAN MEMORIAL COLLEGE OF EDUCATION (With e-mail and website) Email : [sneic@satyam.net.in](mailto:sneic@satyam.net.in)  
Website : [www.samcollegeofeducation.org](http://www.samcollegeofeducation.org)

**2.Name of the Principal : Dr.K.P.ANILKUMAR**

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	15	3	0	17
Non Teaching	2	6	0	0	8

**4.Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed	200		M.Ed	25							

**5.Student Intake**

Under Graduate	Intake , those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	App eare d		Passe d	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	6	137	6	137	M.Ed	6	15	5	14										

**6.Details of Tests cleared by Students**

Sl.No	National Level	State Level	
1	NET-2, JRF-2	SET-4	

**7.Library**

(a) Total Number of Books : 8448

- (b) Total Number of Journals : 21
- (c) Total Number of Periodicals : 21
- (d) Numer of titles added during the year: 45

**8.Grants Received From**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others - Specify : Nil

**9.Projects Undertaken**

- (a) College organised Junior Science Congress for School Students and students from different schools competed in the event.

**10.Seminars Conducted**

- (a) State Level
- (b) National Level : New Trends in Pedagogical Science and Research in Education.
- (c) International Level

**11. Seminars Conducted by Faculty (Name wise –with details)**

**12.Publications by the Faculty with Impact factor of the Publications**

Published the Book “ Mazhithandum Kallupencilum” – (a book on school memories of eminent Personalities in various fields )

**13. Research Highlights of Faculty/Scholars : Nil**

**14. Academic Achievements**

We have Cent Percentage pass in the B.Ed Degree Examination conducted by the University. One of our students secured 3<sup>rd</sup> Rank in the M.Ed Degree Examination conducted by the University and all those who passed in the examination secured first class. College organised two quiz competitions for school students and one for college students.

**15. Student Achievements - Academic**

**Binu Mohan Secured 3<sup>rd</sup> Rank** in the M.Ed Degree Examination conducted by the University.

College quiz team secured 2<sup>nd</sup> Prize in the Inter Collegiate quiz competition organised by Avila College of education, Edakochi

College quiz team secured 1<sup>st</sup> Prize in the Inter Collegiate quiz competition on Environment organised by the College.

One of the students secured 3<sup>rd</sup> prize in the State Level Essay competition for B.Ed students organised by SNM Training College Moothakunnam .

**16. Students Activities/ Achievements –(Extra Curricular)**

- (a) National Cadet Crops
- (b)National Service Scheme
- (c) Arts Festivals- Won first prize in Patriotic Dance competition Organised by St.John the Baptist College of Education, Nedumkunnam .
- (d) Sports – Our students bagged third prize in 4 X100 meter relay in Inter Collegiate Athletic Meet Organised by St.Joseph Training College , Mannanam
- (e) Games The college volleyball team were the winners in the intercollegiate volleyball Tournament for women organised by the college.

**17. Industry Varsity Linkage (If any, Short Description): Nil**

**18. Academic Tie-Ups ( if any ) : Nil**

**19. Student Progression : Those who cleared JRF, joined for PhD.**

**20. Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Sreenarayana Public School, Poothotta	0	12	0	4

**21.Number of PhD’s Produced : Nil**

**22. Research Scholars Registered in the College : Nil**

**23.List of Research Guides in your College** (With e-mail and website)

1. Dr.K.P.ANILKUMAR – Karpagam University, Coimbatore, Tamilnadu & Barathiyar University, Coimbatore, Tamilnadu.

**SREE NARAYANA COLLEGE OF EDUCATION,  
MUVATTUPUZHA**

**1.Name of the School :** SREE NARAYANA COLLEGE OF EDUCATION,  
MUVATTUPUZHA, : sncemu@gmail.com,www.ancemu.org

**2.Head of the School :** A. P RAGHAVAN

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	7	4	-	-	11
Non Teaching	1	5	-	-	6

**4.Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B. Ed.			-	-	-	-	-	-	-	-	-

**5.Student Intake**

Intake, those Appeared in the Examination and Passed M-Men, W-Women																
Under Graduate	Appeared		Passed		Post Graduate	App eare d		Pass ed	M. Phil	App ear ed		Ph. D	App eare d		Pass ed	
	M	W	M	W		M	W			M	W		M	W		M
B. Ed.	8	150	8	149												

**6.Details of Tests cleared by Students**

- 7.Library** (a) Total Number of Books : 3695  
 (b) Total Number of Journals : 27  
 (c) Total Number of Periodicals : 10  
 (d) Numer of titles added during the year

**8.Grants Received From**

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify

**9.Projects Undertaken** : Nil

**10.Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil

**12.Publications by the Faculty with Impact factor of the Publications** : Nil

**13.Research Highlights of Faculty/Scholars** (A Short Description) : Nil

**14.Academic Achievements** (A Short Description) : Nil

**15.Student Achievements - Academic** (A Short Description) : Nil

**16.Students Activities/ Achievements** –(Extra Curricular) : Nil

(a) National Service Scheme

(b) Arts Festivals

(c) Sports

(d) Games

**17.Industry Varsity Linkage** : Nil

18. Academic Tie-Ups ( if any ) : Nil  
 19. Student Progression: Nil  
 20. Campus Recruitment ( if any ) : Nil  
 21. Number of PhD's Awarded so far : Nil  
 22. Research Scholars Registered in the School: Nil  
 23. Alumni Activities (With e-mail and website) : Nil

## ENGINEERING COLLEGES(UNAIDED)

### BASELIOS THOMAS 1 CATHOLICOSE COLLEGE OF ENGINEERING & TECHNOLOGY, KOOHATTUKULAM

1. Name of the College : BASELIOS THOMAS 1 CATHOLICOSE COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
[contact@btcc.ac.in](mailto:contact@btcc.ac.in) , [info@btcc.ac.in](mailto:info@btcc.ac.in)  
[www.btcc.ac.in](http://www.btcc.ac.in), [www.btcc.edu.in](http://www.btcc.edu.in)

2. Name of the Principal : Dr. RANJIT ABRAHAM

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching - 20	6	14	-	-	20
Non Teaching - 18	8	10	-	-	18

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Tech	43	19	-			-			-		

#### 5. Student Intake - 62/300

Intake , those Appeared in the Examination and Passed M-Men, W-Women																				
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed		
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M
B.Tech	-	-	-	-																

6. Details of Tests cleared by Students : Nil

#### 7. Library

- (a) Total Number of Books : 2608  
 (b) Total Number of Journals : 53  
 (c) Total Number of Periodicals : 15  
 (d) Numer of titles added during the year : 75

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

- 9. Projects Undertaken** : Nil  
**10. Seminars Conducted** : Nil  
**11. Seminars Conducted by Faculty** : Nil

**12. Publications by the Faculty with Impact factor of the Publications**

"Fostering freshman Engineering students in private colleges towards a result oriented future - An Indian Perspective", International Conference on Education and Management Innovation (ICEMI-2012, Dr. Ranjit Abraham, Dr. Sanku Sarath Chandar Rao and Subhash A. Punnoose, Feb 26-28, 2012 Singapore (In Press)

"A Study towards Pedagogic Renovation and Rejuvenation for Private Engineering Colleges in India", Annual International Conference on Emerging Research Areas (AICERA - 2012), Subhash Abraham Punnoose, Dr. Ranjit Abraham, Jaimol Thomas, July 19-21, 2012 Kanjirappally (In Press)

"Ayurvedic interventions in the regeneration of myelin". Annual Conference of International Medical Science Academy, Hyderabad. Aann Smita Abraham, Dr. Arunai Nambiraj, November 2011

"Psychosomatic effects of counseling in multiple sclerosis patients" International Conference in Counselling and Wellness. Bangalore, Aann Smita Abraham, Dr. N Arunai Nambi Raj, January 2012

"Novel approach in the treatment of biodegradable waste materials". Terragreen 2012, International Conference on Global Energy Conservation, Beirut, Aann Smita Abraham, Dr. N Arunai Nambiraj, Binoy James Udupuzha, February 2012

"Viral interventions in the genetic degeneration of myelin protein" International Conference of Science, Engineering and Technology, VIT, Vellore, Aann Smita Abraham, Dr. N Arunai Nambiraj, September 2011

**13. Research Highlights of Faculty/Scholars**

Aann Smita Abraham:

Research in suppressing the symptoms of multiple sclerosis, a Demyelinating disease affecting the spine and brain.

The main Research highlight is aimed on Thermography, Electronic spine for gait Rehabilitation and nerve conduction velocity. Researches are streamlined to find the route cause of demyelination Thermographically. Those patients who are troubled with gait problems are smoothed by an e spine developed which helps them in rehabilitate themselves in walking. The nerve conduction velocity of the patients are analyzed to see the difference between them and the normal healthy patients.

**14. Academic Achievements**

Aann Smita Abraham:

Awarded with MIMSA, (Member of International Medical Science Academy). IMSA is an academy of medical professionals and researchers in medicine. Member of IMSA is awarded for those who have contributed to the medical Science.

**15. Student Achievements - Academic** : Nil

**16. Students Activities/ Achievements** -(Extra Curricular) : Nil

- (a) National Cadet Crops
- (b) National Service Scheme
- (c) Arts Festivals
- (d) Sports
- (e) Games

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups ( if any )** : Nil

**19. Student Progression** : Nil

20. Campus Recruitment ( if any ) : Nil  
 21. Number of PhD's Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College (With e-mail and website) - Dr. Ranjit Abraham  
 ([ranjit.abraham@gmail.com](mailto:ranjit.abraham@gmail.com))

## CHRIST KNOWLEDGE CITY

1. Name of the College : CHRIST KNOWLEDGE CITY  
 Email : [christknowledgcity@gmail.com](mailto:christknowledgcity@gmail.com),  
 Website : [www.christknowledgcity.com](http://www.christknowledgcity.com)

2. Name of the Principal : Binoy A. Mattamana

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	18	64	-	-	82
Non Teaching	52	71	-	-	123

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
CE		60									
ECE		60									
EEE		60									
AEI		60									
CSE		60									
		300	MCA		120						

### 5. Student Intake:

Intake , those Appeared in the Examination and Passed M-Men, W-Women											
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed			
	M	W	M	W		M	W	M	W		
CE	-	30	-	08							
EC	-	18	-	07							
EEE	-	-	-								
CSE	-	12	-	01							
AEI	-	-	-								
MCA	-	18	-	NA							

6. Details of Tests cleared by Students : Nil

### 7. Library

- (a) Total Number of Books : 9581  
 (b) Total Number of Journals : 103  
 (c) Total Number of Periodicals : 38  
 (d) Numer of titles added during the year : 503

- 8. Grants Received From** : Nil  
 (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify
- 9. Projects Undertaken** : Nil
- 10. Seminars Conducted** : Nil
- 11. Seminars Conducted by Faculty** : Nil
- 12. Publications by the Faculty with Impact factor of the Publications** : Nil
- 13. Research Highlights of Faculty/Scholars (A Short Description)** : Nil
- 14. Academic Achievements (A Short Description)** : Nil
- 15. Student Achievements - Academic (A Short Description)** : Nil
- 16. Students Activities/ Achievements –(Extra Curricular)** : Nil  
 (a) National Cadet Corps  
 (b) National Service Scheme  
 (c) Arts Festivals  
 (d) Sports  
 (e) Games
- 17. Industry Varsity Linkage** : Nil
- 18. Academic Tie-Ups ( if any )** : Nil
- 19. Student Progression** : Nil
- 20. Campus Recruitment ( if any )** : Under progressing since it is second year running
- 21. Number of PhD's Produced:** Nil
- 22. Research Scholars Registered in the College** : Nil
- 23. List of Research Guides in your College (With e-mail and website):** Nil

## Federal Institute of Science And Technology (FISAT)

**1. Name of the College** : Federal Institute of Science And Technology (FISAT)  
 (With e-mail and website) E-mail: [mail@fisat.ac.in](mailto:mail@fisat.ac.in), Website: [www.fisat.ac.in](http://www.fisat.ac.in)

**2. Name of the Principal** : Dr. K S M Panicker

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	54	94	3	--	148
Non Teaching	56	31	--	--	87

### 4. Courses Offered with Number of seats (2011)

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Tech	980	820	M.Tech	17	71						
			MBA	92	88						
			MCA	81	89						

### 5. Student Intake (2011)

Intake , those Appeared in the Examination and Passed M-Men, W-Women
--



Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Tech CSE	64	67	56	66	MCA	25	33	16	33										
ECE	77	64	61	61	MBA	28	28	8	21										
EEE	40	26	33	23															
EIE	42	25	31	21															

#### 6.Details of Tests cleared by Students (if any )

Sl.No	National Level	State Level
1	GATE	

#### 7.Library

- (a) Total Number of Books : 42951  
(b) Total Number of Journals : 191  
(c) Total Number of Periodicals : 59  
(d) Additions during the period : 2056

#### 8.Grants Received From

- (a) State Government  
(b) Central Government : Rs. 30,000/- from CSIR and Rs. 40,000/- from DST  
(c) University Grant Commission  
(d) Others - Specify

#### 9.Projects Undertaken : Nil

#### 10. a) State level Seminars

- FISAT Business School in association with Mookkannoor and Karukutty Grama Panchayaths organized a one day workshop in Floriculture on 23<sup>rd</sup> March 2011.
- A Seminar on Cyber Laws was conducted by CSE Dept of FISAT in association with Junior Chamber International (JCI) Angamaly Air City on 5<sup>th</sup> April 2011 at MBA Seminar Hall.
- Dept. of Computer Applications conducted a workshop on documentation tool LaTeX on 22<sup>nd</sup> July 2011. Mr. C. Mahesh, Dept. of CSE, FISAT led the workshop. Around 50 research scholars from 20 colleges had hands on training on Latex.

#### 10.b) National Conferences, Seminars etc.

- Dept of Computer Applications organized a National Conference on Advancement in Computer Applications on 15th and 16th December 2011. More than 40 technical papers were presented and discussed in the two day meet. 50 delegates from colleges around the country participated in the conference
- Dept. of CSE organized ICEFOSS'11, a National Seminar on open source technologies on 26<sup>th</sup> and 27<sup>th</sup> August, 2011. A project exhibition "Project Expo" was conducted in connection with ICEFOSS. 38 different projects were exhibited. A team of experts from TCS evaluated these projects and selected two projects for the best project awards.
- Dept. of EIE organized a National Workshop on Industrial Automation on 22nd and 23rd June 2011. Mr. C Mahesh, Mr. Shinto Sebastian and Mr. Aneesh Mathew conducted various sessions in the two day workshop.
- FISAT Business School in association with Federal Bank launched an Annual Lecture Series. The maiden talk on "Banking Challenges for the next Decade" was delivered by Smt. Usha Thorat, Former Deputy Governor and Present Director of CAFRAL on 25th November 2011 at Taj Gateway Hotel, Ernakulam
- FISAT Business School organized South Indian Management Meet "FORUM 2011" at FISAT campus on 28th & 29<sup>th</sup> October 2011
- FISAT Business School organized a two day National Conference on Public-Private Partnership on 5<sup>th</sup> and 6<sup>th</sup> Aug. 2011.

### **11.b) Seminars Conducted by Faculty**

- Dr. K S M Panicker delivered a key note address on M2M Communication at National Conference on Computing and Communication at M G University on 26<sup>th</sup> May 2011
- Technical Talk delivered by Dr.K.S.M.Panicker on Smart Grid Systems on 25-1-2011 at Dr.M.G.R.University.
- Ms. B Anitha presented a paper on “An efficient method to support medical Image diagnosis with efficiency” in national conferences RETREW’11 by T.K.M.Institute of Technology on 11<sup>th</sup> March 2011.
- Mr.C Mahesh conducted seminar on HPC for Post graduate students of Adisankara Arts College, Kalady on 21 March 2011.
- Mr. C Mahesh C received best paper award for the presented paper “A QoS Oriented Mechanism for node selection in a high performance cluster for the National Conference on Green Computing organized by KVM College of Engineering and Information Technology, Cherthala, Alappuzha on 18<sup>th</sup> March 2011.

### **12. Publication by the Faculty**

- Mr. Arun Kumar M.N. published article in International journal on Computer Science and information Security “ Contour extraction and pectoral muscle segmentation in digital mammograms’
- Ms. Parvathy R, Mr. C Mahesh and Dr. K S M Panicker published research paper “Effectiveness of Parallel Computation in Load Flow Studies” in book ‘Computing and Communication,
- Mr. Prasad J C and Dr. K S M Panicker published research paper “Performance prediction of prediction of String Algorithms on Cluster Configurations” in book ‘Computing and Communication.
- Mr. P C Binu and Dr. K S M Panicker presented & published a paper titled “Electronic Tools for Advanced Learning” at ISTE National Conference

### **13. Research Highlight by the Faculty**

#### **1. Parallel String Search**

This is a performance study into the implementation aspects of multiple string pattern parallel searching on a reconfigurable cluster system. This PhD work is being undertaken by Mr. Prasad J C, Asst. Prof, Dept of Computer Science and Engineering.

#### **2. Techniques towards the detection and classification of clustered micro calcifications in digital monograms.**

In this PhD work, use of parallel techniques for image classification, segmentation and improvement of digital monograms is explored. Mr. Arun Kumar, Asst. Prof, Dept of Computer Science and Engineering is the principal investigator.

#### **3. DNA sequencing using cluster systems.**

This PhD project is a study into the Implementation of fractal analysis techniques on a cluster computing system for DNA sequencing. The project is undertaken by Ms. Deepa Mary Mathews, Asst. Prof, Dept of MCA.

#### **4. Antenna Radiation pattern synthesis using systolic arrays**

Systolic arrays are used for the synthesis of antenna radiations patterns. Systolic array is a pipe network arrangement of processing units called cells. It is a specialized form of parallel computing, where cells (i.e. processors), compute data and store it independently of each other. This PhD work is being undertaken by Ms. P R Mini, Asst. Prof, Dept of Electronics and Communication Engineering.

#### **5. Implementation of machine learning techniques for adaptive control**

Parallel algorithms for implementation of machine learning techniques for adaptive control is being studied by Ms. Parvathy, Asst. Prof, Dept. of Electrical and Electronics Engineering.

#### **6. Planner slot coupled dielectric resonator antenna.**

HFSS is a parallel implementation of 3D full-wave electromagnetic field simulations and

is used for the study of planner slot coupled dielectric resonator antenna. This PhD work is being undertaken by Ms. Rabiya Rasheed, Asst. Prof, Dept of Electrical and Electronics Engineering.

7. Identification and control of chaotic systems with intelligent computing techniques.

This is study of chaotic systems using parallel computation techniques. This PhD work is being done by Ms. Archana R, Asst. Prof, Department of Electrical Engineering

8. Performance evaluation of Stone columns in Earthquake

Finite Element Modeling and analysis of geotechnical problems involves high

computational requirements. This FEA modeling is being tried using Opensees, an open source platform for simulation of earthquake related problems making use of parallel computing. This PhD work is being undertaken by Mr. Unni Kartha G, Asst. Prof, Dept of Civil Engineering.

9. Load flow analysis using parallel clusters.

Load flow analysis of large power systems involves huge computational requirements.

An MPI based distributed system is being developed for the analysis of such problems. This research work is guided by Dr. Pailo Paul, Dean, Dept. of Electrical and Electronics Engineering.

10. Climate changes in images

This research project is guided by Dr. C Sheela, Professor, Dept. of Mathematics. This

project is a study and implementation of fuzzy logic systems for applying climate changes into images using parallel techniques.

11. Gesture detection

Parallel techniques for gesture detection in a crowd is being implemented using parallel

fuzzy logic system. This is a research project guided by Dr. Binimol Punnose, Asst. Prof, Dept. of Mathematics.

12. Parallel Fast Fourier transforms for Digital Audio Processing

This research project is an implementation of Identification of Musical Instruments from

its recordings using parallel fast fourier transforms and digital sound processing techniques. This research project is guided by Dr. Rajesh Cherian Joy, Asst Prof, Dept of Electronics and Communication Engineering.

**search Highlights of Faculty/Scholars (Details Attached)**

#### **14. Academic Achievements**

- MCA - 2011 batch achieved 90% success including third rank. B. Tech 2011 batch achieved 90% success including three top ranks in the university examinations. In 2011, FISAT students bagged more than 322 job offers in multi national companies like Microsoft, TCS, Accenture, UST Global, Tata Elxsi, Mphasis, IBS, Syntel, Ernst & Young, Wipro etc.
- High Performance Computing System 'DHAKSHINA' Cluster Series-2 developed in-house. FISAT is the only in Kerala to have its own Super Computer.
- Won National Award for the Best CSI Student Chapter consecutively for the third time i.e. 2009, 2010 and in 21011.
- Won TCS Award for Best Student Projects.
- Our team led by Mr. C Mahesh won 1<sup>st</sup> prize in the All Kerala Science and Technology Exhibition held at Piravam by KSEB.

#### **15. Student Achievements**

- Ms. Saumiya KU won the third rank in MCA examinations.
- Ms. Ramitha R Kammath, Mr. Vishal V Pillai and Ms. Neethu M Nair won first, second and third ranks in B. Tech (EIE)

#### **16. Students Activities/ Achievements (extra Curricular)**

Professional student bodies like ISTE, IEEE, ISA and CSI and Technical Forums like Thyra, Echo, Electra, Idea, Matrix, Forum, MCA Association and FFSC are very active in the college. The campus vibrates with top class curricular, co-curricular and extra curricular activities like national and international conferences, technical fests, workshops, seminars, invited lectures, Industry-institute interactions etc. that provide students a professionally accomplished educational experience. CSI Student Chapter, ISTE Student Chapter and IEEE Student Chapter were selected for Best Student Chapter Awards in the past on the basis of their excellent performances.

- ECHO, the students' association of ECE Dept showcased the project works of ECE students in a Science and Technology exhibition named 'AGNITIO 11' organized in the campus on 29th March 2011.
- The CSE day Mantra 2011 was organized on 30<sup>th</sup> March 2011, by Thyra, the student branch of CSE dept. A project exhibition of the outgoing students was also organized in connection with Mantra. The exhibition aimed at introducing the emerging trends and innovative technologies to the common society and also providing students with an opportunity to showcase their talents in software development.
- The FISAT Free Software Cell (FFSC) promotes development and use of free software, particularly the GNU operating system, used widely in its GNU/Linux variant. At present the cell extends its help on technical basis by doing need based projects for the visually challenged people. The Free Software Cell is one of the most active student organisations operating in FISAT. FFSC now conducts classes in Linux operating system, Kernel programming and Web application development.
- Dr. Richard M Stallman, the founder of Free Software Foundation, dedicated one million lines of codes written by its students to the free software community on 25<sup>th</sup> January 2012. Dr. Stallman released more than 100 projects developed by the students over the past two years under the GNU General Public License. The million code project was hosted in the website [www.millioncode.fisat.ac.in](http://www.millioncode.fisat.ac.in).
- Social activities like English teaching programme, visit to orphanages and special schools, were organized by clubs like SCOPE and SWAN.
- IT Vision 2012 is a joint venture of FISAT and MAS Club, Mookkannoor to bring computer awareness to rural areas of Angamaly. FISAT Management provided all the resources for this project which was launched on 3<sup>rd</sup> May 2010 by Adv. Jose Thettayil, Hon. Minister for Transport.
- Society for Communication and Overall Personal Enhancement (SCOPE) focuses on the social responsibility of students. It aims betterment of lives by carrying out community development programmes. Kazcha is charity programme of SCOPE mobilizing funds through voluntary collections from students and distributing among needy persons and organizations. .
- The nature club SWAN aims to preserve nature and creates eco friendly and green solutions.

#### 16.c)

- Ms. Sharanya Sasidharan won 1<sup>st</sup> prize in classical dance in the All India Inter University Youth festival
- Won 2<sup>nd</sup> runner up in M G University Youth Festival “Varnam 2011”. Ms. T Vidya won first prize in Kavyakeli, Kavitha Parayanam and Akshraslokam. Ms. Saranya Sasidharan bagged first prize in Mohiniyattam and Kuchipudi and second prize in Bharathanatyam. Ms. Sruthi Devidas won first prize in Kathakali.
- The Young talents of FISAT presented Fisat Kalasandhya at Town Hall, Alwaye on 21<sup>st</sup> March 2011.
- Arangu 2011 was held on 29<sup>th</sup> & 30<sup>th</sup> Sept. 2011.

#### 16.e)

- Sandeep Warriar selected to Indian University Cricket Tournament for World University Trophy Tournament.
- Won North Zone Championship in MG University Basket ball Championship
- FISAT Trophy Inter College Basketball Tournament was held from 4<sup>th</sup> to 7<sup>th</sup> Feb 2011
- Won M G University Championship (Men & Women) in Table Tennis in 2011. Vysakh Ravi, Lia Chacko, Angelo Porothoor, Sera Selvin, Athul.L.S, Aparna Shaju, Ahlad Ajay and Akhila Venugopal were the team members.

#### 17. Industry – Institute linkage

Msdn Academic Alliance Msdn AA

FISAT has subscribed to Microsoft MSDNAA. The MSDN Academic Alliance has partnered with e academy Inc. to offer a software distribution, tracking and authentication system to MMSDN AA programme Administrators.

Ibm Academic Initiative Programm

FISAT is proud to be a part of IBM's Academic Initiative Programme which enables the students and the staff to gain access to software, hardware, training, tools, books and tons of discounts. It opened the door to a lot of job opportunities for our students. It helps them to keep up with the latest technologies, and reap the benefits of open source.

Fisat-BSNL Pact

FISAT has executed an MoU with BSNL on 16<sup>th</sup> June 2011 to share knowledge resources and work together in research and development areas of telecommunication. FISAT will soon become a Telecommunication Centre of Excellence (TCOE). BSNL will provide the entire gamut of telecom services to FISAT on a most preferred client basis. Through National Knowledge Network, services of High Performance Computing Centre at FISAT can be availed by other colleges and universities.

### 18. Academic Tie up

In pursuit with the Academic Interface Program, an academic tie up is made with TCS. Training programmes for staff on Software Testing was conducted by them at TCS office, Kochi. Experts from TCS visit the college and evaluate the project works of the students. TCS awards are given to best project works for the last two years.

### 19. Student Progression ( Brief about the past students )

More than 80% of past students are working in reputed organisations.

### 20. Campus Recruitment ( is any )

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	TCS	90	80	32	42
2	Federal Bank	20	15	12	8
3	CTS	15	20	10	5
4	Bank of Baroda	10	30	10	16
5	Wipro	10	20	5	10
6	Poornam	10	15	5	2

### 21. Number of PhD's Produced

### 22. Research Scholars Registered in the College

### 23. List of Research Guides in your College

## Holy Kings College of Engineering and Technology, Pampakuda

1. **Name of the College** : Holy Kings College of Engineering and Technology,  
 E-mail : [mail@holykingscollege.com](mailto:mail@holykingscollege.com)  
 Web : [www.holykingscollege.com](http://www.holykingscollege.com)

2. **Name of the Principal** : Prof. Dr. Grasius M. G

### 3. Staff Profile:

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	11	9	Nil	Nil	20
Non Teaching	17	1	Nil	Nil	18

**4. Courses Offered with Number of seats:**

Under Graduate	Number of seats	Post graduate	Number of seats	M. Phil	Number of seats	Ph. D	Number of seats
	Men & Women		Men & Women		Men & Women		Men & Women
Civil Engineering	60	Nil		Nil		Nil	
Computer Science & Engineering	60						
Electronics & Communication Engineering	60						
Electrical & Electronics Engineering	60						
Mechanical Engineering	60						

**5. Student Intake:**

Intake, those appeared in the examination and passed M-Men, W-Women								
Under Graduate	Appeared	Passed	Post graduate	Appeared & Passed	M. Phil	Appeared & Passed	Ph. D	Appeared & Passed
	M & W	M & W		M & W		M & W		M & W
Mechanical Engineering	Regular classes for the first year are in progress, and first batch of Engineering Course 2011-2012, will be appearing for the S1&S2 exam, May 2012.	-	Nil	-	Nil	-	Nil	-
Electronics & Communication Engineering								
Electrical & Electronics Engineering								
Civil Engineering								
Computer Science & Engineering								

**8. Details of Tests cleared by Students:** : Nil

**9. Library:**

- (a) Total Number of Books : 5464
- (b) Total Number of Journals : 66
- E. Journals : 3 (IEEE, ASTM, J. Gate)

- (c) Total Number of Periodicals : 03  
 (d) Number of titles added per year : 230 (1539 Nos)

- 8. Grants received from:**  
 (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University grant Commission : Nil  
 (d) Others-Specify : Nil
- 9. Projects undertaken** : Nil  
**Seminars conducted** : Nil

**10. Seminars Conducted/ Attended by Faculty ( Name-wise with details)**

Sl. No.	Name	State Level	National Level	International Level
1	Prof. Dr. Grasius M. G, Principal.		Presented a paper on “Highrate Wastewater Treatment Systems”, short term training programme on Energy and Environment, organized by ISTE, New Delhi and SreeNarayanaGurukulam College of Engineering, Kadayirippu, Kerala, Jan 3-7, 2011	
			Attended a short term course on “Self Awareness and Higher Goals in Education” (SAHGE) organized by IIT Madras, June 21-25, 2011.	
2	Prof.Dr.Thresiamma George, Professor & HOD (Science)		Presented a paper on “Soft chemical synthesis and structural characterization of nanophase Zinc orthophosphate: Effect of Mn <sup>2+</sup> on its photoluminescence”	Presented a paper on National symposium on Nanoscience and Technology, 1-2 sep, 2011, Nirmala College Muvattupuzha
3	John Jacob Assistant Professor B.Tech., M.E. Electrical & Electronics Engg		Presented a paper on “Emerging trends in power systems” – National Conference held at Sasurie college of Engineering, Tamilnadu, Feb,2011	
4	Dr.Lajna .P. Vijayan Assistant Professor(Physics)		Presented a paper on “Forming Mechanism of Bio- Magneto Electrets of L-Serine: A Study Using TSDC Technique”, NCGET 2011 Karur, Tamilnadu, India,23-24 September 2011	
			Attended the national conference NANOTECH 2011 organized by Nirmala College, Muvattupuzha during the period 1-2 September 2011.	

**11. Publications by the faculty with the impact factor of publications (A short description)**

Sl. No.	Name	Publications	Description
1	Prof.Dr.Thresiamma George, Professor & HOD (Science)	“Visible-light photocatalytic activities of $\alpha$ -AgVO <sub>3</sub> nanorods and BiVO <sub>4</sub> nanobars”	Int.J. nanotechnol., (2011) 963-978
		Polymers of for advanced nanomaterials: synthesis properties and applications	Ch.14, pp.307-364, Stadium Press, New Delhi.
		Soft chemical synthesis and structural characterization of nanophase Zinc orthophosphate: Effect of Mn <sup>2+</sup> on its photoluminescence”	Proceedings of NANOSTECH 2011, Sci & soc. 9(2) (2011) 219-226, ISSN 0973-0206
2	Sandeep M.S Assistant Professor(Civil Engg) B. Tech., M. Tech.	“Strut and tie model for dynamic analysis of beams and frames”	New strut and tie models were developed, which were able to be modeled in SAP 2000, for dynamic analysis of beams and frames
3	Dr.Lajna .P. Vijayan Assistant Professor(Physics)	Paper Publication with the title “Structural and spectral investigations of anthracene doped polyaniline,	Synthetic Metals, Elsevier Publication, 161 (2011) 348–353.
		“Forming Mechanism of Bio- Magneto Electrets of L-Serine: A Study Using TSDC Technique”,	Proceedings of NCGET 2011 with ISBN

**12. Research highlights of faculty/scholars (A short description)**

Sl. No.	Name	Publications	Description
1	Prof.Dr.Thresiamma George, Professor & HOD (Science)	“Soft chemical synthesis and structural characterization of nanophase Zinc orthophosphate: effect of Mn <sup>2+</sup> on its photoluminescence	NANOSTECH 2011, National symposium on nanoscience and technology, 1-2 sep, 2011, Nirmala College Muvattupuzha
2	Dr.Lajna .P. Vijayan Assistant Professor(Physics)	“Surface charge, TSDC and related studies of bio magneto electrets of amino acids”	
3	Sandeep M.S Assistant Professor(Civil Engg)	“Development of strut and tie model for dynamic analysis”	A study on the regions of structure were stress distribution is not linear was conducted and new strut and tie models were proposed for the dynamic analysis of beams and frames.



**13. Academic achievements (A short description) :** Classes for first year of first B-Tech Programme is in progress and students will appear for University Exam, May 2012

**14. Students Activities/Achievements (Extra curricular) :**

(a) National Cadet crops : Nil

(b) National Service schemes :

A Brief Report of NSS Activities for the year 2011-2012

*NSS Unit Inauguration:* The NSS Unit of the college was inaugurated on 1<sup>st</sup> Dec 2011. College Chairman, Sri. P V Thomas hoisted the NSS Flag at morning 09.00am.

The official inaugural ceremony of NSS unit of Holy kings College of Engineering and Technology was held on 01<sup>st</sup> Dec, 2011 at 10.00 am. Dr. Sabu Kuttan, former N S S Programme Co-ordinator, M G University, Kottayam inaugurated the unit number 246-Technical Cell The NSS Volunteers along with staff and students of HKCET participated in the function. Dr. Sabu Kuttan spoke on the importance of NSS in the campus and detailed about the different activities to be involved in by NSS volunteers.

College Trust Chairmen, Sri. P V Thomas presided over the function and Principal Dr. M G Grasius gave the Key Note Address. The HOD's offered facilitations. NSS Programme Officer welcomed all to the function through his introductory address and Volunteer Secretary Jeethu Mathew offered a vote of thanks. Refreshments were served to the participants.

*World AIDS Day Programme*

An awareness programme named by "Zero Tolerance with HIV/AIDS" was conducted on 1<sup>st</sup> Dec, 2011 from 02.00 pm onwards for all staff members and students of HKCET

Prof. Sabu Kuttan, *Director, Life Long Learning and Extension, M G University* and Shri. Shubin Thomas, Research Fellow, LLAE, MGU handled the classes.

The programme officer in charge Prof. Shajahan C M participated in the State Level Leadership Training Camp from 02<sup>nd</sup> to 03<sup>rd</sup> Dec, 2011 at Govt. Engineering College, Wayanad and took a major role as an official, for successful conduction of the camp.

Mr. Shajahan C M Programme Officer in charge along with two male and two female NSS volunteers attended two days District Level Camp on 09<sup>th</sup> & 10<sup>th</sup> at SNGIST, North Paravur.

*Symposium on "Technical Aspects of Mullaperiyar Dam"*

A Symposium was held on the the "Technical aspects of Mullaperiyar Dam" on 16<sup>th</sup> Dec 2011, 01.30 pm at HKCET seminar Hall. Shri. R Unnikrishnan, Chief Engineer *General, Irrigation, Govt. of Kerala*, was the chief guest. "Construction of new dam is the best solution and getting to the highest peaks and using the mobile phones to convey message of danger would reduce the risk" he added in his speech.

110 NSS Volunteers and 20 staff members attended the function. Dr. Grasius M G, Principal and Prof. Rajendran spoke on the occasion which provided a deeper and objective understanding of all dimensions of the dam-issue. Programme Officer welcomed all and Volunteer secretary delivered the vote of thanks.

*Unit Level Advisory Meeting & Orientation programme.*

Advisory meeting was held in connection with the conduct of annual special camp on 19-12-11. Principal Dr. M G Grasius presided over the meeting. All the decisions in connection with camp were finalized and approved by the committee.

A Pre- orientation programme was held at 02.30pm on the day. All 51 NSS volunteers and the 8 staff members participated in the special camp. Mr. Shajahan C M handled the orientation programme in an excellent manner.

*Annual 7-Day Special Camping Programme*

The Annual 7-day Special camp was conducted at Chettikandam, Memury Village of Pampakuda Grama Panchayath. Dr. George Onakkur, *Former Director, Children's Literature Institute* inaugurated the Special Camp at 02.30 pm on 23<sup>rd</sup> Dec 2011.

**Camp Report**

**Institute / College** : Holy Kings College of Engineering and Technology, Pampakuda, Muvattupuzha, Ernakulam District, Kerala - 686667

**Camp Place** : Chettikandam, Memury Village, Pampakuda Gramapanchayath

**Dates** : 23.12.11 to 29.12.11

**Assisted by** : Pampakuda Grama Panchayath & Noble Trust Educational and charitable Trust

**NSS Officer** : Dr. P T Sainudeen

**Assistant Camp Officer** : Mr. Shajahan C.M

**Number of Volunteers** : 51

**Objectives of the camp**

1. To provide a platform for students to understand the lifestyle and difficulties in the rural areas.
2. To survey and identify individuals with Social and economical backwardness in 100 houses in Memmury Village.
3. To clean the nearby small village hamlets like Chettikandam and Piramadam, Pampakuda.
4. To give a platform to volunteers to build a life span and enlighten them as quality leader.

Group representatives presented their feedback. Camp activity report was presented by Programme officer. Then chief guest Prof. Aby. N. Elias, BPC College has delivered valedictory address. Mr. Kiran and Ms. Athira Vijayan were the best volunteers and Group 5 was the best group performers.

- (c) Arts festival : Nil
- (d) Sports : Facilities for Table Tennis, Shuttle Bat and Cricket are provided.
- (e) Games : Facilities for Table Tennis, Shuttle Bat and Cricket are provided.

15. **Industry Varsity Linkage (If any, a short description) :** Nil
16. **Academic Tie ups (If any) :** Nil
17. **Student Progression:** Regular classes for the first year and first batch of Engineering (S1&S2) 2011-2012 is in progress and students will be appearing for the S1&S2 exam by May 2012.
18. **Campus recruitment if any :** New college started in 2011 and regular classes for the first year is running and first batch of Engineering (S1&S2), will be appearing for the S1&S2 exam by May 2012.
19. **Number of PhD's produced :** Nil
20. **Research scholars registered in the college :** Nil
21. **List of research guides in your college(with e-mail and website):** Nil

## **ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY** **MULAVOOR**

1. **Name of the College** : Ilahia College of Engineering & Technology(ICET)  
(With e-mail and website) Email : [Ilahia@icet.ac.in](mailto:Ilahia@icet.ac.in)  
Website: [www.icet.ac.in](http://www.icet.ac.in)

2. **Name of the Principal** : Dr. Babu Kurian

**3. Staff Profile:**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	65	84	NIL	-	149
Non-Teaching	13	32	2	-	47

**4. Courses offered with Number of seats:**

Under Graduate	Number of seats		Post Graduate	Number of seats		M. Phi	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
BTech(CE)	60		MTech(CS)	18		-			-		
BTech(ME)	120		MTech(EC)	18							
BTech(EEE)	60		MCA	60							
BTech(ECE)	120		MBA	60							
BTech(CSE)	60										
BTech(IT)	60										

## 5. Student Intake

Intake, those appeared in the Examination and Passed M-Men, W-Women																		
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed	Ph.D	Appeared		Passed	
	M	W	M	M		M	W	M	W		M	W			M	W	M	W
BTech	240	180	69	120	MTech	18	8											
					MCA													
					MBA													

## 6.Details of Tests cleared by Students

SI. No	National Level	State level	No Of Students Cleared
1	GATE		2

## 7. Library

- (a) Total No of Books : 22000  
 (b) Total No of journals : 76  
 (c) Total No of Periodicals : 178  
 (d) Number of Titles added during the year : 2108

## 8. Grants received from:

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others-specify

## 9. Projects undertaken:

- (a) A completed automation system for the college

## 10. Seminars Conducted:

- (a) state level : Nil  
 (b) national level : Nil  
 (c) international level : 1

## 11. Seminars conducted by faculty:

Dr. Janahanlal P. Stephen, HOD , Computer Science and Engineering

- International conference on advances in communication and information technology (ICT-2011) Amsterdam netherlands
- International conference on recent trends in information processing and computing malaysia.

## 12. Publications by the Faculty with impact factor of the Publications

1. "Quality improvement in casting using Artificial Neural Networks"- Anoop Sankar C, presented paper in National Conference conducted at Sengunthar College of Engineering, Erode.
2. "High Temperature characteristics of throat insect material used in lig and cocket Engines"- Edison K.John, presented paper in National Conference on Technological trends CET, 2011.
3. "Solidification modeling of ductile iron castings for predicting shrinkage defects using casting simulation"- Rejeesh C.R., presented paper in National Conference conducted at Sengunthar College of Engineering, Erode.
4. "Design of screw conveyor system"-Faisal M.H, presented paper on national conference conducted at SCMS Management Campus, Cochin.
5. "Design of Progressive Die"- Sajeeb Rahman A.H., presented paper on national conference conducted at College of Engineering, Trissur.
6. "Industry oriented Syllabus for Electrical Engineering"- M.Chandrachoodan, presented paper on State Conventional Conference of ISTE, conducted at St. Joseph's College of Engineering, Palai.
7. "Knowledge Management and Linguistics"- M.Chandrachoodan, presented paper on International Conference of Dravidian Linguistics, Patiala.
8. "Malayalam Word Sense Disambiguation"- Rosna P.Haroon, presented paper on IEEE International Conference conducted at Tamilnad College of Engineering, Coimbatore.

9." Word Sense Disambiguation –A Survey"-Rosna P.Haroon, International Conference held at Ilahia College of Engineering and Technology.

10. "Wavelet based texture segmentation"-Remya K. Sasi, presented paper on IEEE International Conference conducted at Tamilnad College of Engineering, Coimbatore.

11."A secured approach to visual cryptographic biometric templates"-Rahana P. Muhammed, presented paper on international conference on advanced computing at ACE 2011, Trivandrum.

12."An overview of cryptographic solutions to web security"-Asha Ali,Nisha V.K.,Liyamol Aliyar presented paper on IEEE International Conference conducted at Tamilnad College of Engineering, Coimbatore.

13." RT5 Encryption using key derived from fingerprint image"- Asha Ali,Nisha V.K.,Liyamol Aliyar presented paper on IEEE International Conference conducted at Tamilnad College of Engineering, Coimbatore.

14."An Improved encryption scheme by secure code generation from fingerprint image"- Asha Ali, Liyamol Aliyar presented paper on IEEE International Conference conducted at CAPE Kanyakumari.

### **13. Research Highlights of Faculty/Scholars:**

1. Dr. Janahanlal P. Stephen, PhD in Computer Science

2. Dr. Ramkumar S., PhD in Electronics

Engineering Faculties doing PhD:

1. Jinsa Kuruvilla, Electronics & Communication Engineering.

2. Lekshmi M.S., Electronics & Communication Engineering.

3. Robin Abraham, Electronics & Communication Engineering

4. Jobins George, Electronics & Communication Engineering

5. Haridas Vijayan, Electronics & Communication Engineering

6. Anoop C.K, Civil Engineering

7. Fazeena AbdulKadhar, MBA Department

### **14. Academic Achievements:**

Scored 100% result for various subjects in all Departments. 2011 Batch Students of IT and Computer Science have secured 96 and 94 Pass percentages respectively.

### **15. Student Achievements-Academic**

### **16. Students Activities/Achievements-(Extra curricular)**

(a) National Cadet Crops- Nil

(b) National Service Scheme-

1. Conducted State Annual Meet of NSS in Our College.

2. Students of NSS have arranged a Blood donation Camp in our campus.

3. Arranged Hospital Visit and cleaning with the initiative of students of NSS in Ilahia. (c ) Arts Festivals :

1. Merin Sunny of S6 Electrical Engineering have secured A Grade in MG University Youth Festival in English Recitation.

2. Mahesh Mohan of S8 IT have secured Third position in MG University Youth Festival for Light Music.

3. Juvin Johnson, Alex T.Jose, Jelin T.Varghese of S8M have won 2<sup>nd</sup> position in Design & Built Competition conducted at IIT Madras.

4. Jaimon Joseph of S8M have secured 2<sup>nd</sup> position in Lathe Master competition conducted at MACE.

5. Hysen Salim, Jins Varghese of S4 EEE have secured prize in Electrical Machine Winding competition at MBITS .

6. Gopika Krishnan K of S4 CSE, selected as Ms.Igniz-best manager contest conducted by SCMS college of Engineering as a part of Techfest(igniz-2011).

7. Gopika Krishnan K,Abshad K.Ali of S4 CSE have achieved 1st prize in paper presentation Contest conducted as part of AGORA-2011 in ICET.

8. Dipu Kuriakose and Dileep V.B of S8 Civil have secured prizes in dance competition in different colleges all over the Kerala.

9. Ansal P.S. and Jasmal Jabbar of 2<sup>nd</sup> year MBA have got first prize in Quiz competition held at

(d) Sports:

1. Ilahian cricket team was the semi finalist in University cricket match.

2. Basket ball team of Ilahia have achieved inter zone basket ball championship of MG University. 3.

Football Team of Ilahia has secured 1st Prize in inter collegiate football tournament at SNG college of Engineering,Kadayiruppu.

(e) Games:Nil

### **17. Industry Varsity Linkage-Nil**

**18. Academic Tie-ups:**

1. ILAHIA is the Authorized centre for CISCO Networking Course.
2. Had tie-up with SUN,IBM and ORACLE, Not renewed this year.

**19. Student Progression:** Nil**20. Campus Recruitment:**

SI No	Name of the Firm	No of Students Attended	No of students selected	
			M	W
1.	Patni Computers		6	7
2	IBS		4	5
3	HCL		Nil	4
4	CSS Technologies		1	3
5	Sutherland		3	7
6	ALL Sec		1	Nil
7	Anglo Easternship		1	Nil
8	APT Facility Service,Banglore		6	1
9	Poornam Infovision		1	Nil
10	Triassic Solution		1	Nil
11	Muziriz Softech		1	2
12	Spotons Engineering Services		1	Nil
13	Reliance Communication		1	Nil
14	Neo Logix Software Solutions		Nil	1
15	Technicons Structural Consultants		Nil	1
16	Cordiant Technology		2	1

**21. Number of PhD's produced** : Nil

**22. Research Scholars registered in the college** : Nil

**23. List of Research Guides in your college:**

1. Dr. Janahanlal P. Stephen- [drlalps@gmail.com](mailto:drlalps@gmail.com)
2. Dr. Ramkumar S- [ram.kumar.sn@gmail.com](mailto:ram.kumar.sn@gmail.com)
3. Dr. Babu Kurian, Principal- [babukurian@rediffmail.com](mailto:babukurian@rediffmail.com)

**JAI BHARATH COLLEGE OF MANAGEMENT  
AND ENGINEERING TECHNOLOGY  
JB Nagar, Arakkapady, Vengola**

**1.Name of the College:** JAI BHARATH COLLEGE OF MANAGEMENT AND ENGINEERING TECHNOLOGY

(With e-mail and website) Email : [engg@jaibharathcollege.com](mailto:engg@jaibharathcollege.com),  
[info@jaibharathcollege.com](mailto:info@jaibharathcollege.com) Website : [www.jaibharathcollege.com](http://www.jaibharathcollege.com)

**2.Name of the Principal** : Dr. R. Ravindran Nair

**3.Staff Profile :**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	25	56	1	-	81
Non Teaching	27	14	-	-	41

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Tech .EEE	147	21	-	-	-	-	-	-	-	-	-
B.Tech .ECE	131	71	-	-	-	-	-	-	-	-	-
B.Tech .CSE	77	52	-	-	-	-	-	-	-	-	-
B.Tech .CE	104	54	-	-	-	-	-	-	-	-	-

#### 7. Library

- (a) Total Number of Books : 12088  
 (b) Total Number of Journals : 63  
 (c) Total Number of Periodicals : 15  
 (d) Number of titles added during the year : 1497

#### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

#### 9. Projects Undertaken : Nil

#### 10. Seminars Conducted : Nil

#### 11. Seminars Conducted by Faculty : Nil

#### 12. Publications by the Faculty with Impact factor of the Publications - 3 papers published in conference proceedings.

#### 13. Research Highlights of Faculty/Scholars

Dr. R. Ravindran Nair is a recognized Research guide of NIT Calicut, Calicut University & Anna University . He currently guides 4 students for M. Tech. by Research of Anna University of Technology, Coimbatore.

Dr. P.J. Sebastian guided 3 M. Tech students of MG University for their project work.

#### 14. Academic Achievements 15. Student : Nil

#### Achievements – Academic : Nil

#### 16. Students Activities/ Achievements –(Extra Curricular)

##### (a) National Cadet Crops (N C C)

The enrolment of new students of NCC Cadets were held in 06.07.2011. Twenty Eight new students were recruited on that day. Including the above mentioned students now we have 44 NCC Cadets.

On 15.08.2012 our Vice- Principal Dr. Nazimuddin hoisted the flag and we celebrate the independence day. Already we have conducted four parades under the guidance of staffs from N N C C 22 – Kerala BN. A 9-day camp was conducted for boys at Pattikkad Govt. Higher Secondary School from 23.12.2011 to 31.12.2011. A total of 8 students attended the camp. The above mentioned camp for girls was conducted at Carmal College, Mala on the same date. A total of 4 students attended this camp. On 26.01.2012, Mr. Jaleel P.K, Care Taker of NCC , hoisted the flag and the Republic day was celebrated. On 04.02.2012, B – Certificate examination was conducted by 22-Kerala BN NCC, for the cadets.

##### (b) National Service Scheme (N S S)

The National Service Scheme (NSS) under the Technical Cell, unit No.234 of Jai bharath College of Management & Engineering Technology celebrated the independence day on August 15<sup>th</sup> 2011 and a seminar was conducted based on national integration. On September 5<sup>th</sup> our volunteers celebrated Teacher's day in our college.

On October 2<sup>nd</sup> , we celebrated Gandhi Jayanthi in our college and our volunteers cleaned the premises of a nursery school in our Panchayath.

The N S S Camp was organized during the period from 26.12.2011 to 01.02.2012. The seven day NSS camp was inaugurated on 26.12.2011 by Mr. M.M. Avaran (Vengola Panchayath President). The function held at Vengola Panchayath Community Hall was presided over by Mr. Eldhose Chundakaden

(ward member). In the afternoon the worksite was inspected and detailed workplan was prepared. The canal in Ward No.17 of Vengola Panchayath completely cleaned by our N S S Volunteers , 4 Non student campers and two teachers. Various seminars were also conducted in our Seminar Hall during the 7 day camp.

**(c) Arts Festivals**

The Arts Festivals of the College was inaugurated by Sri. K. Babu Hon'ble Minister for Excise and Ports Govt of Kerala on 06.02.2012. Sri Sreemoolanagaram Mohan, Secretary Lalithakala Academy. Miss Archana Kavi, Cine Artist were also guests of honour for the function . The inaugural function was followed by various cultural events by the students.

**(d) Sports & Games**

The football ground of the College was rennovated into a standard football ground. The College football team participated in various football matches organized by different agencies in Ernakulam District. Our Cricket team also participated in various inter collegiate Cricket tournaments conducted in Ernakulam District.

Mr. Sibin Sivasdas I Semester EEE student attended Power Lifting Competition conducted by M.G. University at Devamatha College, Kuravilangad on 07.01.2012 and won First Prize in 59 kg category. He also participated in State Junior Championship held at Kannur Police Club and won third place.

Mr. Grace Mary Jose I semester ECE student participated in the 30<sup>th</sup> State Judo Competition held at Palakkad w.e.f 28.01.2012 to 31.01.2012 and won 4<sup>th</sup> place in the category below 20, 52 kg.

**17. Industry Varsity Linkage (If any) –**

Jai Bharath College of Management & Engineering Technology has a warm relationships with many Industrial/Business units and has entered in to MOU, with them to provide facilities to our students for hands on training. Our students were deputed to various Industrial /Business Units to take up assignments as per the direction of the Management of the respective concern.

**18. Academic Tie-Ups ( if any )** : Nil

**19. Student Progression** : Nil

**20. Campus Recruitment ( is any )** : Nil

**23. List of Research Guides in your College (with email-and website)**

1. Dr. R. Ravindran Nair Email : dr.rrnair@gmail.com

2. Dr. Benny Joseph Email : bennyannugraha@yahoo.com

## Mar Baselios Institute of Technology and Science [MBITS] Nellimattom

**1. Name of the college:** Mar Baselios Institute of Technology and Science [MBITS], Nellimattom  
(with email and website) E mail : [info@mbits.edu.in](mailto:info@mbits.edu.in)  
Website : [www.mbits.edu.in](http://www.mbits.edu.in)

**2. Name of the Principal** : Dr. Paulose M M

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	30	36	1	-	66
Non Teaching	27	21	-	-	48

**4. Courses offered with Number of seats**

Under Graduate	Number of seats		Post Graduate	Number of seats		M.Phil	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
B.Tech	-	360	-	-	-	-	-	-	-	-	-

**5. Students Intake :**

Ours is a college started in the academic year 2009 – 10 and no batch has reached the final year(B.Tech)

**6. Details of Tests cleared by students (if any) : Nil****7. Library**

- a. Total No of Books : 10138
- b. Total No of Journals : 58
- c. Total No of Periodicals : 10
- d. Additions during the period : 250

**8. Grants Received from**

- a. State Government : Nil
- b. Central Government : Nil
- c. University Grant Commission : Nil
- d. Others specify : Nil

**9. Projects undertaken:** Software development started under consultancy Centre.  
4 projects completed.**10. Seminar Conducted**

- a. State Level : Five Seminars.
- b. National Level : Nil
- c. International Level : Nil

**11. Seminars Conducted by faculty (Name wise-with details)**

- a. State Level : Nil
- b. National Level : Nil
- c. International Level : One (by Ms. Anila P.V, Asst Prof - ECE)

**12. Publications by the faculty with impact factor of the publications**

- a. Dr. Paulose M.M (Principal)
- b. Dr.T.P. Lukose (HOD – Mechanical Department)
- c. Ms. Anila P V (Asst. Prof. Electronics Department)

**13. Research Highlights of faculty/Scholars : Nil****14. Academic Achievements:** First batch yet to pass out (College Started in 2009)**15. Students Achievements-Academic : -Do-****16. Students Activities / Achievements-(Extra Curricular)**

- a. National Cadet Corps : Nil
- b. National Service Scheme : Blood Donation, Celebration of Important days, Green & Clean campus and state level campus etc.
- c. Arts Festivals : 1. Participated in MG University Youth Festival ‘Varnam 11’ and got ‘A’ grade in Mohiniyattam.  
2. Conducted college level Arts Festival ‘Rhythm 11’ on 25<sup>th</sup> & 26<sup>th</sup> February 2011.
- d. Sports : Nil
- e. Games : Participated in M.G University Intercollegiate Foot Ball and Cricket Tournaments

**17. Industry Varsity Linkage :** 1. Industrial visit to Lower Periyar Power Plant on 13<sup>th</sup> Dec, 2011  
2. Industrial visit to Kozhikode Diesel Power plant on 20<sup>th</sup> Dec, 2011**18. Academic Tie-Ups (if any) : Nil****19. Student Progression : N. A. (College Started in 2009 only)****20. Campus recruitment (if any) : Nil****21. Number of PhD's produced : Nil****22. Research Scholars Registered in the College: Nil****23. List of Research Guides in your college: yes; Dr. P Sojan Lal**



# MES COLLEGE OF ENGINEERING & TECHNOLOGY KUNNUKARA

**1.Name of the College :** MES COLLEGE OF ENGINEERING & TECHNOLOGY e-mail : [mescet@yahoo.com](mailto:mescet@yahoo.com)  
website : [www.mescet.ac.in](http://www.mescet.ac.in)

**2.Name of the Principal :** Prof. Dr. A. Sivasubramanian

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	6	5	-	-	11
Non Teaching	6	4	2	-	10

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BTech CE (60)	09	09									
BTech CS (60)	05	03									
BTech EC (60)	04	07									
BTech EEE (60)	01	00									
BTech ME (60)	44	00	-	-	-	-	-	-	-	-	-

**5.Student Intake :** Classes Started Only on 2011-12 onwards

**6.Details of Tests cleared by Students :** Nil

### 7.Library

(a) Total Number of Books : 3820  
(b) Total Number of Journals : National Journals - 30  
International Journals - 15  
e-journals - 03  
(c) Total Number of Periodicals : 10  
(d) Numer of titles added during the year : 595

### 8.Grants Received From

(a) State Government : Nil  
(b) Central Government : Nil  
(c) University Grant Commission : Nil  
(d) Others - Specify : Nil

**9.Projects Undertaken :** Nil

**10.Seminars Conducted :** Nil

**11. Seminars Conducted by Faculty :** Nil

### 12.Publications by the Faculty with Impact factor of the Publications :

(a) Prof. Dr. A. Sivasubramanian (i) International Journal : 6 No.s  
(ii) International Conference : 2 No.s  
(iii) National Conference : 9 No.s

- (b) **Dr.Krishna Venkiteswara Mallan**(i) Papers Published : 5 nos  
(ii) Paper presented in conference: 5 nos
- © **Mr.Nishad T M** (i) Book Published : 16 nos  
(d) **Mrs.SAFEENA M K** (i) Paper presented in conference: 1
- 13.Research Highlights of Faculty/Scholars** : Nil  
**14.Academic Achievements** : Nil  
**15.Student Achievements – Academic** : Nil  
**16.Students Activities/ Achievements** : Nil  
(a) National Cadet Crops : Nil  
(b)National Service Scheme: Nil  
(c) Arts Festivals : Yes  
(d) Sports : Yes  
(e) Games : Yes  
**17.Industry Varsity Linkage** : Nil  
**18.Academic Tie-Ups ( if any )** : Nil  
**19.Student Progression:** New College started only on 3<sup>rd</sup> Oct 2011  
**20.Campus Recruitment ( if any )** : Nil  
**21.Number of PhD's Produced** : Nil  
**22. Research Scholars Registered in the College** : Nil  
**23.List of Research Guides in your College (With e-mail and website) :**  
Nil 1. Prof. Dr. A. Sivasubramanian  
[mescet@yahoo.com](mailto:mescet@yahoo.com)

## **Rajagiri School of Engineering & Technology, Vidyanagar,Palisserry,Karukutty**

**1.Name of the College** : Rajagiri School of Engineering & Technology (RSET)  
Website : [www.rajagiriitech.ac.in](http://www.rajagiriitech.ac.in)  
E-Mail : [office@rajagiritech.ac.in](mailto:office@rajagiritech.ac.in)

**2.Name of the Principal** : Dr. J.Isaac

### **3.Staff Profile**

	<b>Men</b>	<b>Women</b>	<b>Scheduled Caste</b>	<b>Scheduled Tribe</b>	<b>Total</b>
Teaching	75	70	5	0	145
Non Teaching	53	7	0	0	60

### **4.Courses Offered with Number of seats**

<b>Under Graduat e*</b>	<b>Number of Seats</b>		<b>Post Graduat e@</b>	<b>Number of Seats</b>		<b>M. Phil</b>	<b>Number of Seats</b>		<b>Ph. D</b>	<b>Number of Seats</b>	
							<b>M</b>	<b>W</b>		<b>M</b>	<b>W</b>
B.Tech AE&I	60		M.Tech SP	18							
B.Tech. ECE	120		M.Tech VD&ES	18							
B.Tech. EEE	60		M.Tech ID&C	18							
B.Tech. CSE	120		M.Tech CS&IS	18							

B.Tech. IT	60		M.Tech NE	18								
B.Tech ME	60											

\* AE&I-Applied Electronics & Instrumentation, ECE-Electronics & Communication Engineering, EEE- Electrical & Electronics Engineering, CSE – Computer Science & Engineering, IT – Information Technology, ME – Mechanical Engineering. @ SP – Signal Processing, VD&ES – VLSI Design & Embedded System, ID&C – Industrial Drives & Control, CS&SP – Computer Science & Information Systems, NE – Network Engineering.

### 5. Student Intake

Under Graduate *	Intake, those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate @	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Tech AE&I	58		37		M.Tech SP	18 <sup>§</sup>		8 <sup>§</sup>											
B.Tech . ECE	119		103		M.Tech VD&ES	18 <sup>#</sup>		18 <sup>#</sup>											
B.Tech . EEE	62		55		M.Tech ID&C	17 <sup>§</sup>		15 <sup>§</sup>											
B.Tech . CSE	124		103		M.Tech CS&IS	17 <sup>#</sup>		17 <sup>#</sup>											
B.Tech . IT	59		43		M.Tech NE														
B.Tech ME	-																		

\* AE&I-Applied Electronics & Instrumentation, ECE-Electronics & Communication Engineering, EEE- Electrical & Electronics Engineering, CSE – Computer Science & Engineering, IT – Information Technology, ME – Mechanical Engineering. @ SP – Signal Processing, VD&ES – VLSI Design & Embedded System, ID&C – Industrial Drives & Control, CS&SP – Computer Science & Information Systems, NE – Network Engineering

# Based on Semester-3 Results, § Based on Semester-1

### Results 6. Details of Tests cleared by Students

Sl.No	National Level	State Level	
	GATE – 3 CAT – 1, MAT-3		

### 7. Library

- (a) Total Number of Books : 22567 Printed Books + 2063 E-Books-Mc Graw Hill (Access Engineering Library) & ASTM
- (b) Total Number of Journals : 135 Printed Journals + 6979 E journals-IIEEE/ASSP, ASME, ASTM, Springer, Elsevier Science Direct, J-Gate
- (c) Total Number of Periodicals : 52
- (d) Number of titles added during the year: 296

### 8. Grants Received From

- (a) State Government
- (b) Central Government  
Department of Basic Sciences & Humanities received Rs. 8.0 lakhs for three years from DST and Rs. 24.0 lakhs for three years from DRDO in the year 2011. A grant of Rs. 35,000/- received from DRDO for conducting Workshop on Signal Processing for M.Tech students in the Department of Applied Electronics & Instrumentation.
- (c) University Grant Commission  
Department of Basic Sciences & Humanities received Rs. 12.3 lakhs for three years in the year 2011
- (d) Others - Specify

Received a grant of Rs 1.5 lakhs for conducting International Conference on **Advances in Computing and Communications** (ACC2011) July 22-24, 2011, Kochi, India Organized by Department of Computer Science & Engineering and Department of Information Technology

**9. Projects Undertaken** : Nil

#### **10. Seminars Conducted**

(a) State Level

Department of Electrical & Electronics Engineering conducted the following seminars in 2011

i) Speed control of induction motors By Prof.Kishore Chatterjee on January 2011, ii) Power Electronic Controllers by Dr.S.K Sinha,IISC Bangalore on January 2011, iii) Modernization of Electrical Machines Lab by Mr.Babu Shekhar,M/S Rockwell Solutions iv) Power Electronics- Applications of Power Systems by Prof.D.Thukaram ,IISC Bangalore on March 2011 v) Power System Design By Dr.S.K Sinha on July 2011 and v) Innovation of Small things By Mr.Jayaprakash, Australian Civil Aviation and Safety Authority in July 2011.

The department of applied Electronics & instrumentation has conducted a workshop on “THEORY AND APPLICATIONS IN SIGNAL PROCESSING” for the M.Tech Signal Processing students of AEI Department from 27<sup>th</sup> September to 1<sup>st</sup> October 2011.

(b) National Level

The Department of Information Technology has conducted a three days national workshop on “Network Simulation using NS2” in May 2011.

(c) International Level

The Department of Electronics & Communication Engineering has conducted i) An International Workshop on Applications of Signal Processing (I-WASP 2011) (<http://www.acc-rajagiri.org/IWASP2011.html>) in Conjunction with [International Conference on Advances in Computing and Communications \(ACC-2011\)](#) at Kochi, Kerala, India, July 22-24, 2011 and

ii) International Workshop on Embedded Computing & Communication Systems (IWECC) at Rajagiri School of Engineering & Technology (RSET), Kochi, India on 22, 23 Dec 2011 (<http://ised.seedsnet.org/IWECC2011>) in technical co-sponsorship with International Symposium on Electronic System Design (ISED), Kochi, Kerala, INDIA.

iii) The Department of Computer Science & Engineering and Department of Information Technology jointly organised the First International Conference on **Advances in Computing and Communications** (ACC2011) July 22-24, 2011, Kochi, India which is held at Rajagiri School of Engineering and Technology (RSET), Rajagiri Valley, Kochi, Kerala, INDIA.

The conference was conducted in association with Association of Computing Machinery (ACM) – SIGWEB, Machine Intelligence Research Labs (MIR Labs), International Society for Computers and Their Applications Inc. (ISCA), All India Council for Technical Education (AICTE), Indira Gandhi National Open University (IGNOU), Kerala State Council for Science Technology and Environment (KSCSTE), Computer Society of India (CSI) - Div IV & Cochin Chapter, The Institution of Electronics and Telecommunication Engineers (IETE), The Institution of Engineers (India) and Project Management Institute (PMI), Trivandrum, Kerala Chapter

#### **11. Seminars Conducted by Faculty** (Name wise –with details)

(a) State Level

- i) Prof.P.R.Madhava Panicker, Professor, Department of Applied Electronics & Instrumentation conducted Faculty Development Programme for RSET faculty on the topic “Instrumentation Basics, Concepts, Issues & Solutions” on 2<sup>nd</sup> to 6<sup>th</sup> May 2011
- ii) Dr. Abraham Thomas conducted Faculty Development Programme for RSET faculty on the topic Stochastic Optimization on 9<sup>th</sup> to 13<sup>th</sup> May 2011
- iii) As a part of the Faculty Induction Programme, Prof. P R Madhava Panicker delivered sessions on the topic ‘Teaching in the present context’ and ‘Dealing with students’ on 17<sup>th</sup> & 18<sup>th</sup> Nov 2011.

- iv) Dr. Abraham Thomas conducted Faculty Development Programme for RSET faculty on the topic Dynamic Programming on 2<sup>nd</sup> to 6<sup>th</sup> Jan 2012
- v) Mr. Chikku Abraham has given a talk at Professional Course Guidance Seminar 2011 at Trivandrum, Kochi & Kozhikode sponsored by Mathrubhumi in June 2011.
- vi) Prof.P.R.Madhava Panicker conducted Faculty Development Programme for RSET faculty on the topic "Instrumentation Basics, Concepts, Issues & Solutions" on 2<sup>nd</sup> to 6<sup>th</sup> May 2011
- vii) Prof.Abraham Thomas conducted Faculty Development Programme for RSET faculty on the topic Stochastic Optimization on 9<sup>th</sup> to 13<sup>th</sup> May 2011
- viii) As a part of the Faculty Induction Programme, Prof. P R Madhava Panicker delivered sessions on the topic 'Teaching in the present context' and 'Dealing with students' on 17<sup>th</sup> & 18<sup>th</sup> Nov 2011.
- ix) Prof.Abraham Thomas conducted Faculty Development Programme for RSET faculty on the topic Dynamic Programming on 2<sup>nd</sup> to 6<sup>th</sup> Jan 2012

(b) National Level

- i) 'A 32 MB DRAM' presented by Mr.Karthikeyan.K.B at Mount Zion College of Engineering, Pathanamthitta.
- ii) 'Multilevel Control of Variable Speed Wind Turbine Generator and MPPT using Fuzzy Logic Controller' presented by Ms.Prathibha P.K at Manipal Institute of Technology.
- iii) Mr.Chikku Abraham has participated in Fifth National Conference on Advances in Energy Conversion Technologies (AECT 2012) held at Manipal Institute of Technology.(EEE)
- iv) Mr. Jaison Jacob presented a paper titled "Cognitive Radio: Oportunities and Implementation Challenges in the Program" at the Faculty Development Programme on System level Modeling, Design and Analysis: A Practical Approach at CUSAT, Kochi sponsored by AICTE, 6 June 2011
- v) Mary Priya Sebastian presented a paper on "Suffix Separation in Statistical Machine Translation from English to Malayalam using Sandhi rules" at the National Conference on Indian Language Computing CUSAT, Cochin 19-20 Feb 2011
- vi) Mintu Philip presented a paper on "A new Bluetooth security Architecture" at the National Conference on Networks and Architecture at MS University, Thirunelveli 23 to 25 sept 2011
- vii) Mintu Philip presented a paper on "Image Encryption using chaotic cryptography schemes" at the National Conference on computational Science and Engineering RCSS , Kalamassery, 4 - 5 Feb 2011
- viii) Gopika S presented a paper on "A novel and Secure method of image encoding" at the National Conference on Network Security SCMS, Cochin, 19 to 20 August 2011
- ix) Ms.Anna Alphy presented a paper on "An efficient personalization of webpage using ART1" at the National Conference on networks, intelligence and computing systems SNS College, Coimbatore 17th February 2011
- x) Biju Pau, PreethaK G and Jisha G, Department of Information technology conducted a 3 days National workshop on Network simulation using NS2 in May 2011.

(c) International Level

- i) Diya Thomas presented a paper on "Mobile Query processing - taxonomy , Issues and Challenges" at the International Conference on Advances in Computing and Communications sponsored by AICTE, IETE, Springer at RSET, Kochi, 22-24 July 2011.
- ii) Anna Alphy presented a paper on "Cluster Optimization for improved Web Usage Mining" at the International Conference on Recent trends in Information Technology sponsored by IEEE at MIT Campus, Chennai 03 - 05 June 2011.
- iii) Tripti C presented a paper on "Feature Based Image Retrieval Algorithm" at the International Conference on Advances in Computing and Communications sponsored by AICTE, IETE, Springer at RSET, Kochi 22 -24 July 2011.
- iv) Shimmi Asokan presented a paper on "An Extension to Global Value Numbering" at the International Conference on Advances in Computing and Communications sponsored by AICTE, IETE, Springer at RSET, Kochi 22 -24 July 2011.

- v) Elizabeth Isaac presented a paper on "Anonymous and secured communication using OLSR in MANET" at the International Conference on Advances in Computing and Communications sponsored by AICTE, IETE, Springer at RSET, Kochi, 22 -24 July 2011.
- vi) Sabu M Thampi presented a paper on "Improving Hadoop Performance in Handling Small Files" at the International Conference on Advances in Computing and Communications sponsored by AICTE, IETE, Springer at RSET, Kochi, 22 - 24 July 2011.
- vii) Unnikrishnan C presented a paper on "Portability in Incremental Compilers" at the International Conference on Advances in Computing and Communications sponsored by AICTE, IETE, Springer at RSET, Kochi 22 - 24 July 2011.
- viii) Dhanya S Pankaj presented a paper on "Face Recognition using Fuzzy Neura Network Classifier" at the International Conference on Parallel, Distributed Computing Technologies and Applications at MS University, Thirunelveli 23-25 Sep 2011.
- ix) Jiza David presented a paper on "Intrusion Detection using flow based analysis of Networks" at the International Conference on Computer Science & Information Technology sponsored by Springer, at Bangalore 2<sup>nd</sup> Jan 2011.
- x) Jaison Jacob presented a paper on "Exploration of a Distributed approach for simulating spectrum sensing in cognitive radio" at the International Conference on Communication and Signal Processing sponsored by IEEE at NIT Calicut, 10-12 February 2011.
- xi) Jaison Jacob presented a paper on "Performance Evaluation of a Cooperative Spectrum Sensing Algorithm for Cognitive Radio" at the International Workshop on Embedded Computing & Communication Systems sponsored by ISED at RSET, Kochi, 22-23 December 2011.
- xii) Jobin K. Antony presented a paper on "Investigation on LIBS plasma expansion of lunar simulants under high vacuum conditions" at the International Conference on Contemporary Trends in Optics and Optoelectronics-2011 at Thiruvananthapuram January 2011.
- xiii) Jobin K. Antony presented a paper on "Dual-wavelength Laser Induced Breakdown spectroscopic (LIBS) technique for emission Enhancement" at the Conference on laser ablation COLA 2011, Cancoun, Mexico, November 2011.
- xiv) Jobin K. Antony presented a seminar on "Measurement of elemental species for space exploration applications by using laser-induced breakdown spectroscopy technique" at LEOS-ISRO , Bangalore on 14 March 2011.
- xv) Purnendu K. Das, Subin K. K., Pretheesh Paul C., "A revisit on Design and Analysis of Stiffened Shell structures for Offshore Applications", MARSTRUCT 2011, 28-30 March 2011, Hamburg Germany.
- xvi) Pretheesh Paul C., Purnendu K. Das "Application of Response Surface Method for the Strength and Reliability of Stiffened cylinders in Offshore Marine Structures ", International Conference on Ship and Offshore Technology – India (ICSOT 2011), Organised by The Royal Institution of Naval Architects, 8-9 December 2011, IIT,Kharagpur, India.

## **12. Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

1. A textbook titled 'Control Systems' by Prof. K.R Rajendra Varmah.
2. Paper Titled "A Novel and Computationally Efficient SVPWM Algorithm for a General Multilevel Inverter" by Mr. Anish T, Assistant Professor, AEI Department has been accepted for presentation at 'The Applied Power Electronic Conference and Exposition' at Orlando, Florida on Feb 5-9, 2012. He submitted the full paper on 16<sup>th</sup> Nov 2011.
3. Saritha S., Interestingness Analysis of Semantic Association in Medical Images - Springer Proceedings of ICIP 2011 held in August 2011 at Bangalore.
4. SSaritha S., emantic Association mining on Spatial Patterns in Medical Images- Springer Proceedings of ACC 2011 held in July 2011 at Kochi
5. Jisha G., Impact of node density on connectivity in MANET routing Protocols- Springer Proceedings of ACC 2011 held in July 2011 at Kochi.
6. Arun Soman, "Corpus Driven Malayalam Text to speech Synthesis for Interactive Voice Response System" in International Journal of Computer Application (IJCA) September 2011

7. Preetha K.G., "A Novel Solution to the Short Range Bluetooth Communication" in International Journal on Ad-Hoc Networking Systems (IJANS), Oct 2011.
8. Preetha K.G., "A Novel Approach for Green Computing through Event-driven Power Aware Pervasive Computing"- Springer Proceedings of ICCSEA held at Bangalore) (IT)
9. Panthaloorkaran, V., 2011. On a Kerala model development of solar industry, Proceedings of Kerala Development Congress, Rajiv Gandhi Institute of Development Studies, Indira Bhavan, Thiruvananthapuram 10, 11-14. February, 2011.
10. Panthaloorkaran, V., 2011. A model for developing engineering professional skills with training integrated into regular academic programs. Paper under peer-review in Indian Journal of Technical Education.
11. Panthaloorkaran, V., 2011. Towards a visionary documentation system for institutions of higher education in India. National Conference on "Excellence in Higher Education" (EduExcellence), Department of Management Studies, IIT Delhi, 01. - 03. April, 2011.
12. Panthaloorkaran, V., 2011. On Assessment Methods Designed for Comprehensive Professional Development of Students. National Conference on "Excellence in Higher Education" (EduExcellence), Department of Management Studies, IIT Delhi, 01. - 03. April, 2011.
13. Panthaloorkaran, V., 2011. "Hour of Creativity": an agenda to foster creativity and innovation in the students of engineering. Proceedings of 2011 IEEE Global Engineering Education Conference (EDUCON) – "Learning Environments and Ecosystems in Engineering Education", April 4 - 6, 2011, Amman, Jordan, pp.612-617.
14. Panthaloorkaran, V., 2011. A model curriculum for creativity instruction integrated into the bachelor program of engineering professional development. IMECE2011-62238, Proceedings of International Mechanical Engineering Congress & Exposition (IMECE2011), Denver, USA.
15. Panthaloorkaran, V., Neeraj Nair, 2011. On design of a buoyancy-driven sole combi-system for simultaneous production of drinking water and hot water. IMECE2011-62239, Proceedings of International Mechanical Engineering Congress & Exposition (IMECE 2011), Denver, USA.
16. Vinod Kumar P.B., Ordered intuitionistic fuzzy flood index model, The Journal of Fuzzy Mathematics, 2011,19,1, 211-221.
17. Vinod Kumar P.B., Ordered Intuitionistic fuzzy soft model of flood alarm, Iranian J. of Fuzzy systems, 2011, 8,1,29- 39.
18. Vinod Kumar P.B., Ordered intuitionistic fuzzy soft sets, The Journal of Fuzzy Mathematics, 2011,18,4, 187-201.
19. Vinod Kumar P.B., Chaos in DNA sequences, Int. J. of Bif. & Chaos, 2011, 5, 67- 91.
20. Vinod Kumar P.B., Fractal analysis of aperiodic signals, IEEE trans. On Signal Processing (to appear).
21. Ramkumar P.B., Mathematical Morphology & Concept of Energy : A Different View, International Journal of Engineering Science & Technology, No.8 August 2011,6474-6478 .
22. Ramkumar P.B., Morphological Operators & Generalized Adjunctions. International Journal of Engineering Science & Technology, Vol.3, No. 8 August 2011,6464-6473.
23. Ramkumar P.B., Generalized Algebraic Structure for Mathematical Morphology , International Journal of Computer Applications, Vol.2,issue 4,April 2011,ISSN 2229 – 5518 .
24. Ramkumar P.B., Morphological Space And Transform Systems, International Journal of Scientific & Engineering Research, Vol.16,No.6,February2011,(0975-8887) .
25. Ramkumar P.B., Morphological Adjunctions ,Moore family and Morphological Transforms, Journal of Applied and Theoretical Information Technology, Vol.31,No.2, Page No- 80- 87.ISSN: 1817- 3195.
26. Ramkumar P.B., Mathematical Morphology and Fractal Geometry, Global Journal of Science Frontier Research, Issue 6, Vol.11,September 2011 ,ISSN: 0975-5896.
27. Pretheesh Paul C, Purnendu K. Das, Anthony Crow, Stuart Hunt, "The Effect of Distortion on the Buckling Strength of Stiffened Panels", December 2009, Ship and Offshore Structures, Published; ISSN: 1754-212X (electronic) 1744-5302

### 13. Research Highlights of Faculty/Scholars (A Short Discription)

The following faculty members have joined for the Ph.D. Programme from various Departments.

- i) Chikku Abraham, Department of Electrical & Electronics Engineering joined in CUSAT
- ii) Rinu Alice Koshy, Department of Electrical & Electronics Engineering joined in NIT, Calicut.
- iii) Karthikeyan V.B., Department of Electrical & Electronics Engineering joined in VIT, Vellore
- iv) Ramkumar P.B, Department of Basic Sciences & Humanities, submitted Ph.D. Thesis to CUSAT on May 2011.
- v) Jasmine Mathew, Department of Basic Sciences & Humanities, submitted Ph.D. Thesis to CUSAT on October 2011.
- vi) Jinesh P Joseph, Department of Basic Sciences & Humanities, Registered for Ph.D. at NIT, Calicut.

**14.Academic Achievements** (A Short Discription)

Started new M Tech Course (M Tech in Network Engineering) in 2011 and new B. Tech. course in Mechanical Engineering. Prof.K.S Mathew, department of Computer Science & Engineering obtained a Project Management Consultancy with M/s .Nest Information Technology, Kochi from March 2011 to Feb 2012. Prof.Biju Abraham, Department of Computer Science & Engineering, Coordinated M.G University M-Tech (CSIS) Syllabus Revision during 2011. Campus Connect program sponsored by Infosys was conducted at RSET during 2011.

The following faculty members from Applied Electronics & Instrumentation completed Post Graduation under Quality Improvement Programme.

1. Mr. Krishnakumar K P - NIT Calicut.
2. Mr. Anuj Abraham – Anna University Campus, Coimbatore.
3. Ms. Mary Hexy – NIT, Calicut (Currently doing))

Three Faculty members from the Department of Information Technology joined for PhD program

**15.Student Achievements - Academic** (A Short Discription)

Ankit Sudeer Karat, Computer Science & Engineering Branch secured 99.71% score in the GATE 2011 Exam.

Prince Thomas, Electronics & Communication Engineering Branch secured second rank in MG University examination.

3. Rakesh R Pai, Keerthi Chacko, Nighila V Paul, Applied Electronics & Instrumentation Branch of 2007-2011 Batch secured 1<sup>st</sup> Rank, 2<sup>nd</sup> Rank & 3<sup>rd</sup> rank from M.G University

Annmol Cherian & Ajay Augustine of 2007-2011 Batch presented a paper titled ‘Thermal modeling and analysis of 3-dimensional memory integration’ in the First International Conference on computer science Engineering and Applications (CCSEA 2011) organized during July 15-17, 2011 at Chennai

Nithu Anna Baji, Ashiq George Cherian, Anu Tomy, Cerin George (2008-2012 Batch): MiniProject Titled “Microcontroller Based Oven For Temperature Sensitive Circuits”

got selected for Texas Instruments India Analog Design Contest 2011 on 21<sup>st</sup> June 2011

Neenu George, Varsha GopalaKrishnan, Vishnu R (2008-2012 Batch): MiniProject Titled “Open Loop Gain Meter” got selected Texas Instruments India Analog Design Contest 2011 on 21<sup>st</sup> June 2011

Krishnendu Raghavan, Ashik Vithayathil, Rosmi John, Pooja Haridas (2008-2012 Batch) MiniProject Titled “Electronics Christmas Tree” got selected Texas Instruments India Analog Design Contest 2011 on 21<sup>st</sup> June 2011

Annmol Cherian & Ajay Augustine of 2007-2011 Batch presented a paper titled ‘ Thermal aware static power extraction methodology for nanoscale integrated circuits’ in the event Shastrapatra- Paper Presentation conducted as part of the National Level Technical Festival, BODHI2011 by Viswajyothi College of Engineering and Technology, Vazhakulam on April 1-2, 2011

Department of Information Technology got 3<sup>rd</sup> Rank in MG university B.Tech examination in 2011.

Vinay Daniel Mathew of 2008-2012 Batch presented a paper ‘Maths in Everyday life’ at St. Mary’s College, Thrissur on 27<sup>th</sup> Nov 2011.



## **16. Students Activities/ Achievements – (Extra Curricular)**

Aswin Krishnan A R, S8AE of 2008-2012 Batch was nominated as the best outgoing student from the college for All Kerala Youth Excellence Award at Mar Ivanious College, Trivandrum.

Adithya Job of 2009-2013 Batch secured 2<sup>nd</sup> prize in the debate on the topic 'Indian Economy' at St. Theresa's college, Ernakulam on 4<sup>th</sup> Feb 2012

(a) National Cadet Corps

Not applicable

(b) National Service Scheme

### **REPORT OF ACTIVITIES OF NSS UNIT AT RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (RSET)**

#### **SHUCHITHUVA BHODHANA YATHRA**

Closing ceremony of "SHUCHITHUVA BHODHANA YATHRA" was coordinated by NSS Unit of RSET.

It was conducted in Chavara Hall on 15.01.2011. This was organized by Fr. George Peter Pittapillil, Director, Mithradam. This was to make the public aware about cleanness.

#### **Suchitha Varaghosham**

Second week in January 2011 was celebrated as Suchitha Varaghosham in our campus. Students participated in cleaning the campus. Different competitions were conducted for students during that period.

#### **Kootayottam**

In the month of January 2011 NSS organized a Kootayattam from RSET campus to CSEZ Kakkanad. 200 students and many faculty participated in it. This was organized to spread a theme "We love nature".

#### **Distribution of bicycles & study tables**

NSS Unit of RSET distributed 5 bicycles & 7 study tables to financially backward students who are sponsored by RSET family in the month of January 2011.

#### **Awareness against Drug abuse**

15 students from RSET participated in a campaign against Drug abuse in Aluva on 06.1.2011

#### **RSET Blood Bank**

More than 80 students of RSET donated blood for the needy.

#### **Medical Camp**

A medical camp was conducted in the month of April 2011. More than 100 patients in an around Kakkanad was benefited with this. It was conducted with the help of medical trust hospital, Ernakulam.

#### **Orphanage Visit**

Students of RSET visited and provided a dinner in Home of Faith in the month of April 2011.

Students of RSET spend an evening with the students of Home of faith.

#### **Gift a future**

RSET is contributing Rs. 50,000 to sponsor 25 financially backward students for their education.

#### **Honesty Shop**

Profit from the honesty shop is used to sponsor one financially backward student for education.

#### **Elders Day Celebration**

A program for elder citizens was organized in the month of January 2011. More than 70 elder citizens participated in the same. Students organized a campus visit and different cultural programs for them

#### **Sponsored Students Get together**

All students who are sponsored by RSET had a get together in the month of January 2011.

#### **(c) Arts Festivals**

Rajagiri School of Engineering and Technology (RASET), Kakkanad, conducted the cultural extravaganza,

***Bharatham 2011*** from 31<sup>st</sup> January 2011 to 2<sup>nd</sup> February 2011. Bharatham 2011 consisted of 69 events and was divided into 2 categories- literary events and the main events. The literary events were inaugurated by Malayalam film director Mr. Jithu Joseph. The literary events were conducted from 20<sup>th</sup> January to 25<sup>th</sup> January from 3.30 p.m. to 4.30 p.m. The main events were conducted over a span of two and a half days starting from 31<sup>st</sup> Jan 2.30 p.m. The fest was conducted house wise with names ***Spartans, Vikings, Aryans, Mughals and Rajputs***. The festival was

inaugurated by Mr .Fasil, the famous Malayalam film director. Rev. Fr. Jose Alex CMI, Director, RASET presided the inaugural ceremony.

After the inaugural ceremony, nostalgia was conducted in the Chavara hall. On the second day 39 events were conducted in 7 different venues and on the final day 8 events were conducted in 4 different venues .Chavara Hall, Pareeksha Bhavan Hall-1, Hall II, Hall III, Hall IV, Hall V, Gallery Hall of New Block were the venues.

The closing ceremony was presided over by Rev. Fr. Jose Alex CMI, Director, RASET on the 2<sup>nd</sup> of February at 3.30 PM. Dr. J. Isaac, Principal, RASET was also addressed the gathering. Varada S Menon of S4 EC beta batch with 11 points was adjudged the KALATHILAKAM and Arun Joseph of S6IT with 15 points was adjudged the KALAPRATHIBHA. RAJPUTS led by Anto won the overall championship, while VIKINGS led by Sebastian Philip finished runners .

ARYANS led by Jacob Mathew finished third, MUGHALS led by Mathew Jacob finished fourth while SPARTANS led by Jose Babu finished fifth.

The Arts Fest unveiled young talents in the field of music, dance, and various other literal and cultural activities. The active involvement of the students in the events, made the three days fest a grand success.

#### (d) Sports

Sports and Games being an integral part of rajagirians total Educational Programme; the following facilities are developed and maintained over the years for the students.

- Basketball Courts - Two outdoor basketball courts with permanent floodlit facility.
- Cricket Ground - Associate with Kerala Cricket Association (KCA),we have an excellent Cricket ground.
- Volleyball - Two outdoor volleyball courts.
- Badminton - Indoor Badminton court.
- Throw ball - Outdoor Throw ball court.
- Tennis Court - Outdoor Tennis Court.
- Fitness Centre - Multi Station Fitness club with all modern equipments.
- Indoor facilities - Table Tennis ,Carom and Chess.

#### **Intensive Training for Competitive Sportsmen**

RSET has been maintaining a high standard in almost all games. We offer systematic training and coaching for various games in the evening throughout the year.

Leading Institution teams are invited to RSET for playing practice matches. In order to give competitive experience and exposure, RSET teams participate in the entire **M.G University** inter-collegiate tournaments and inter - engineering tournaments all around Kerala.

RSET campus is the most suitable place for a good student / sportsman to develop his skills, character and personality.

Our intention is to make every RSET to have the ability to do his assigned duties in a best possible way with great interest and enthusiasm without getting fatigue and help them to have extra reserved energy to go for extra hours of work to meet the needs of the time and tackle crisis.

#### **Inter-House Competitions**

The Department of Physical education is organizing Inter-House Competitions to provide competitive experience, interactions with other fellow collegian, teachers, junior and senior to develop friendship, commandership and championship. We conduct separate competitions for both men and women .This event will held every year in the month of February -March, with the help of Management, Principal, Staff and Students.

#### **Pioneer Tournaments Organized by RSET**

**CHAVARA CUP BASKETBALL (inter-rajagiri basketball tournament)**

Every year RSET is organizing the 'Chavara Cup' Inter Rajagiri Basketball Tournament in the 2<sup>nd</sup> semester, four team were participating this prestigious tournament

#### **RAJAGIRI TROPHY BASKETBALL**

An all Kerala invitational inter collegiate basketball tournament, it attracts entries from 20 colleges in the state and it has been considering as a good place to have competitive expensiveness as top teams participated in this tournament.

Every year we organize Annual Sports Meet in the month of March. The meet is based on House wise Competitions.

#### **STAFF GAMES**

RSET organized staff games in the month of January.

(e) Games

#### **17.Industry Varsity Linkage (If any, Short Discription)**

##### **Industry – Institute Interaction, RSET - 2011**

RSET as an academic institute constantly maintains its association with the engineering industry. An industry – institute – interaction cell is formed with faculty nominees from each department. The function of the cell is to plan, organize and monitor all activities of the institution with industrial organizations. Various programs are being regularly conducted to expose our faculty and students to the industrial environment. The following is a description in chronological order of the activities involving interaction with industries conducted till date in year 2011

##### **Seminar - “Basic Steps to become a successful entrepreneur” on 25-01-11**

Conducted by Mr. Suresh K. Nodal Officer of National Small Industries Corporation, Ministry of Medium and Small scale Enterprises, GoI. The event emphasized the need of a proper mindset and practical business skills to become a successful entrepreneur. Students of various branches attended the program.

##### **Workshop - “Texas Instruments –TMS320C6x family of DSP micro-processors” on 14-02-11**

Conducted by Muhammed Azharudheen P. embedded engineer at *Cranes Software* (Training Partner for Texas Instruments). This program was organized by the department of Applied Electronics and Instrumentation and was mainly intended for students and faculty of Signal Processing post graduate program.

##### **Seminar - “Recent advances in VLSI & Embedded systems” on 18-03-11**

Conducted by Mr. Srikanth Jadcherla, Chairman and CEO, Seer Akademi. Organized by the ECE department this program was intended for the faculty and students of the regular M.Tech (VLSI & Embedded Systems) and IGNOU M.Tech (Embedded Systems Design) courses. Run by entrepreneurs, Seer Akademi is a pioneer in education in micro-electronics world-wide.

##### **Seminar - “Fundamentals of VLSI Design, Tools and Technologies” on 28-03-11**

Conducted by Mr Soumen Basak, Chief Executive Officer of DSipher Design Solution India Ltd, Bangalore. DSipher provides consulting expertise in integrated circuit chip design and software design. This program was organized by the ECE department and was well attended by faculty members and students.

##### **Awareness program – “Microsoft - Dreamspark Yatra” on 02-04-11**

Announced by Mr. Bill Gates, Dreamspark is a program set up by Microsoft to provide students with software design and development tools. The program was conducted by K-MUG in association with Microsoft. Organized by the CS/IT departments the program included demonstration of Microsoft tools and other sessions on cloud computing and Windows Phone 7 App Development.

##### **Seminar – “Pneumatic Actuators and Control Valves” on 05-04-11**

Conducted by Mr. Jacob Cherian MD, Masoneilan Indian Ltd. The event was organized by the AEI department for students of Applied Electronics and Instrumentation. Mr. Cherian gave a visual presentation on various types state of the art electronically controlled valves used in the industry.

**Inauguration – “Cypress-RSET alliance PSoC Lab” on 25-04-11.**

Cypress is a US based organization which delivers high-performance, mixed-signal, programmable solutions. Programmable system-on-chip PSoC® is a flagship product of the company. Cypress has granted \$1000 worth PSoC hardware to RSET to set up a lab with facilities to provide advanced training on programmable embedded system design platforms. The lab was inaugurated by Mr. Karthikeyan Mahalingam (Director, Cypress University). This program was organized by the ECE department.

**Career Fair – “Accenture Career Day” on 08-06-11**

Graduate Careers Fairs conducted by Accenture to interact and talk to the students about what Accenture does and opportunities they offer to their employees. This program organized by CS/IT departments was well attended by students of both departments.

**Inauguration - “Training Program on Process Control & Instrumentation” on 17-06-11**

The AEI department organized a 3 months intensive training program on Process Control and Instrumentation. This program was conducted in association with Yokogawa India Ltd and other reputed process oriented companies such as BPCL-Kochi Refineries, HOCL, Binani Zinc, FACT, Synthite Industries Pvt. Ltd.

The program was inaugurated by Mr. K. Babu Minister of Excise, GoK. The function was attended by Executive Director - HOCL Mr. K. Nathan, CMD of Binani Zinc Mr. Roy Kurien, Managing Director of Petronet – Mr. D. Bhaskaran and Director of FACT – Mr. P. Muthusamy.

**Exhibition – “Students Project Exhibition” on 18-07-11**

Student Project Exhibition 2011 was inaugurated by Ms. Pamela Anna Mathew, Managing Director, O/E/N India Limited. This exhibition was the combined effort of AEI, ECE and EEE departments. Under graduate students got an opportunity to exhibit the working models of their projects. Student could interact with visitors from the industry to get expert opinions about their exhibits.

**Seminar – “Introduction to Embedded systems building blocks” on 04-08-11**

The seminar was conducted by Mr. S. Thomas, Chief Technical Officer of VVDN Technologies Pvt. Ltd. Mr. Thomas talked on the basics of embedded systems design. VVDN Technologies provides a broad spectrum of services and design solutions in Embedded, Telecom and Networking technologies. This program was organized by ECE department for students of VLSI and Embedded systems post graduate program.

**Seminar – Creativity and Entrepreneurship on 12-08-11**

Conducted by Mr. Jayaprakashan Ambali Principal Engineer at the Australian Civil Aviation Safety Authority. Students from all branches attended this function. The program was interesting since Mr. Jayaprakashan talked on how innovative and simple product ideas could be patented and converted into business opportunities.

**Launch - “Innovator 2011” on 18-08-11**

The launch of 3<sup>rd</sup> edition of “Innovator 2011”- sponsored by CII with Surge Forth Technologies. This event aimed at identifying and showcasing the innovative ideas proposed by the students. There was also a presentation by the Yi team along with the Innovation team head and HR head of Cognizant Technologies Solutions.

**Workshop – “Supervisory Control and Data Acquisition” on 13-09-11**

Mr. Naomi Yoshima of Yokogawa Global Center Tokyo conducted a two day program for the students and faculty of AEI department on SCADA systems. This program gave the participants an opportunity to interact with a highly experienced expert from leading MNC in the field of Process Automation and Control. This event was organized by the AEI department.

**Workshop – “Robotics” on 08-10-11**

A one day workshop in ‘Robotics’ was arranged under the IETE chapter. Dr. James Kurian, Associate professor, CUSAT talked on “Introduction to Robotics”, Mr. Jayakrishna, Energy Tech, Kochi talked about the “Challenges in Design in Robotics”, Mr. Arun and Team, of BForge Technologies conducted a program on “Hands-on-Robotic Components”.

**Seminar – “Industrial Drives and Controls” on 14-11-11**

Mr. Binu Augustin and his team of ARK Electronics and Controls conducted a seminar presentation on the design opportunities in Industrial Drives and Controls for the post graduate students and faculty of EEE department. They also conducted a product demonstration of various modern electric drives for brushless dc motors and stepper motors.

**Seminar – “Industrial Applications of Signal Processing” on 16-11-11**

Mr. Rajeev K. Principal Research Engineer, Nest – Thiruvanthapuram conducted a one day seminar on various projects undertaken by Nest in the area of Signal Processing. The students and faculty could get an overview of industrial applications of the subject of specialization.

The above activities are conducted with the active participation of students to organize it. This is done so that it provides them an opportunity to develop their leadership/team working capability as well as soft-skills thus enabling a comprehensive personal development.

**18.Academic Tie-Ups ( if any )**

Good industry institute interaction with Ark Motion Controls for academic enhancement (EEE) We have assigned Memorandum of Understanding with the following companies

**1. ACRODELON TECHNOLOGIES Pvt Ltd**

A.T Corporate Park, Civil Lane, Kakkanad, Kochi-682030

**2. ARBITRON TECHNOLOGY SERVICES INDIA Pvt Ltd.**

5<sup>th</sup> Floor, Tejomaya, L&T Tech Park, Infopark, Kakkanad, Kochi-682030, Kerala, India

We also depute students to Arbitron on Annual Basis for doing internship during final year B-Tech.

Department of Applied Electronics & Instrumentation is in tie-up with Yokogawa, Bangalore is conducting a 3 months course on Process control training programme for the students who have completed B.Tech / BE course in Applied Electronics and Instrumentation, Electrical and Electronics, Electronics and Instrumentation, Electronics and Communication, Control and Instrumentation during the month June-September of every year.

**19.Student Progression**

(eg: Former student cleared civil service, joined MIT, Post doctoral fellowships ) **20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Accenture	127	196	65	101
2	CTS	150	212	94	147
3	HCL Technologies	127	196	50	102
4	Infosys	119	187	80	123
5	Wipro	127	196	65	114
6	Arbitron	3	22		4
7	Bosch	56	89	10	15
8	iGATE Patni	9	15	3	6
9	Sourcebits	83	146	5	2
10	Standard Chartered Bank	33	47	1	4
11	UST Global	19	16	2	2

**21.Number of PhD’s Produced , if your college is an approved Research Centre : Nil**

**22. Research Scholars Registered in the College, if your college is an approved Research Centre : Not Applicable**

**23.List of Research Guides in your College (With e-mail and website)**

The following faculty members are the approved guides of Indira Gandhi National Open University (IGNOU)

- i) Dr. Abraham Thomas, Professor. Email-id : [abrahamt@rajagiritech.ac.in](mailto:abrahamt@rajagiritech.ac.in)
- ii) **Dr. Karthikeyan Chittayil**, [c\\_karthikeyan@rajagiritech.ac.in](mailto:c_karthikeyan@rajagiritech.ac.in)
- iii) Dr. Vinod Kumar P.B., [www.rajagiritech.ac.in](http://www.rajagiritech.ac.in)
- iv) Dr. (Ing) Fr. Varghese Panthalookaran, [varghese@rajagiritech.ac.in](mailto:varghese@rajagiritech.ac.in)
- v) Dr. Antony V.Varghese, [antony\\_v@rajagiritech.ac.in](mailto:antony_v@rajagiritech.ac.in)
- vi) Dr. Praveen M. Shenoy, [praveenms@rajagiritech.ac.in](mailto:praveenms@rajagiritech.ac.in)

## SREE NARAYANA GURU INSTITUTE OF SCIENCE AND TECHNOLOGY, N. PARAVUR

**1. Name of the College** : Sree Narayana Guru Institute of Science and Technology (SNGIST)  
(With e-mail and website) [sngist@sngist.org](mailto:sngist@sngist.org), [www.sngist.org](http://www.sngist.org)

**2. Name of the Principal** : Dr. K. S. Divakaran Nair

### 3. Staff Profile

	Men	Women	SC	ST	Total
Teaching Staff	MBA - 05 MCA - 03 M.Sc - 01 <u>B.Tech - 13</u> <u>Total - 22</u>	MBA - 11 MCA - 17 M.Sc - 02 <u>B.Tech - 23</u> <u>Total - 53</u>	MBA - 01   <u>B.Tech - 02</u> <u>Total - 03</u>		MBA - 16 MCA - 20 M.Sc - 03 <u>B.Tech - 36</u> <u>Total - 75</u>
Non Teaching Staff	20	24	-	-	44
Technical Staff	11	4	-	-	15

### 4. Courses Offered with Number of seats

Under Graduate		Sanctioned Strength	Number of Seats filled		Post Graduate		Sanctioned Strength	Number of Seats Filled		M. Phil.	Number of Seats			
Course	Batch		Men	Women	Course	Batch		Men	Women		Ph. D.	Men	Women	
B.Tech Mechanical Engineering	I Year	60	63	-	Master of Business Administration	I Year	120	43	37					
	II Year	60	50	0		II Year	120	40	39					
B.Tech Electrical and Electronics Engineering	I Year	60	23	9	Master of Computer Applications	I Year	120	38	76					
	II Year	60	7	4		II Year	120	45	69					
B.Tech Electronics and Communication Engineering	I Year	60	17	28		III Year	120	20	7					
	II Year	60	10	12	M. Sc Bioinformatics	I Year	-	-	-					
B.Tech Civil Engineering	I Year	60	29	23	M. Sc Biotechnology	I Year	-	-	-					
	II Year	60	21	20	M. Sc Biochemistry	I Year	24	0	8					

B.Tech Computer Science Engineering	I Year	60	19	14	M. Sc Microbiology	I Year	24	2	9						
	II Year	60	4	4	MHRM	I Year	-	-	-						

### 5. Student Intake

Under Graduate		Appeared		Passed		Post Graduate		Appeared		Passed		Phil	Appeared		Passed		D	Appeared		Passed		
Course	Batch	M	F	M	F	Course	Batch	M	F	M	F		M	F	M	F		M	F	M	F	M
B.Tech Mechanical Engineering	I Year	*	*	-		Master of Business Administration	I Year	*	*	-	-											
	II Year (I Sem) (III Sem) #	41 50	0 0	3 **	*		II Year (I Sem) (II Sem)	40 40	36 36	** **	** **											
B.Tech Electrical and Electronics Engineering	I Year	*	*	-		Master of Computer Applications	I Year	*	*	-	-											
	II Year (I Sem) (III Sem) #	7 7	2 4	0 **	*		II Year (II Sem)	45	69	**	**											
B.Tech Electronics and Communication Engineering	I Year	*	*	-		M. Sc Bioinformatics	III Year (II Sem) (III Sem) (IV Sem)	20 20 20	7 7 7	18 ** **	2 ** **											
	II Year (I Sem) (III Sem) #	9 10	10 12	1 **	*		I Year	-	-	-	-											
B.Tech Civil Engineering	I Year	*	*	-		M. Sc Biotechnology	I Year	-	-	-	-											
	II Year (I Sem) (III Sem) #	18 21	18 20	**	*	M. Sc Biochemistry	I Year	0	8	**	**											
B.Tech Computer Science Engineering	I Year	*	*	-		M. Sc Microbiology	I Year	2	11	**	**											
	II Year (I Sem) (III Sem) #	3 4	5 4	**	*	MHRM	I Year	-	-	-	-											

\* Date of exam not yet notified

\*\* Result not yet published

# Including Lateral Entry

6. Details of Tests cleared by Students : Nil

### 7. Library

- (a) Total Number of Books : 21,375  
 (b) Total Number of Journals : 120  
 (c) Total Number of Periodicals : 32  
 (d) Additions during the period : Books - 1,432

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

### 9. Projects Undertaken

#### 1. Dr. Nevin.K.G, Course Co-ordinator, M.Sc Biosciences

Project Proposal submitted on "Isolation, characterisation and evaluation of in vitro anti-cancer and antioxidant activities of polyphenols from kernel and oil from coconut" (Submitted to The Coconut Development Board, Ministry of Agriculture and Co operation, Kochi (As Principal Investigator).

**2. Dr. Nevin.K.G, Course Co-ordinator, M.Sc Biosciences**

Project Proposal submitted on “*Role of Spingosine-1-Phosphate and Matrix metallo Proteinases in the Activation and Transformation of Hepatic Stellate Cells Leading to Hepatic Fibrosis and hepatocellular carcinoma*” (Submitted to Department of Science and Technology, as Collaborator with Dr. Sandhya S (principal Investigator), Scientific Officer, Department of Organic and Physical Chemistry, Indian Institute of Science, Bangalore).

**3. Franganz-11, MCA Department**

An Orientation and Seminar to the school students conducted by MCA Department in coordination with B Tech and Bio Science Departments. This year the training programme was given to the Plus Two students of Govt. Higher Secondary School, N Paravur. The first batch of Franganz '11 was inaugurated by Hon. Chairman Sri. C. K. Renjan on 01.10.2011 and succeeded with four batches. Events included seminar on recent advancements in Computer, Hardware training, Internet Lab and activities by B.Tech & Bio Science Departments.

**10. Seminars & Training Programmes Conducted**

(a) State Level

**MBA**

1. **Panel Discussion-** In collaboration with Indian Society for Training & Development, a panel discussion was organized in SNGIST Auditorium. Practicing HR Professionals from various industry verticals were brought to the discussion panel. Each one discussed an HR challenge face by modern organization and they have also clarified the doubts and queries of MBA students.
2. **Youth Development Programme “Kalypso”** : In order to enhance the confidence level and team work of budding managers, MBA department organized an adventure outbound training programme by Kalyso adventures, at Suryanelli. S2 MBA students attended the training programme in two batches of 40 each. Tent living, Raft making and river crossing.
3. **Broadening the Paradigm:** In the series of introducing People with difference Mr. Maxchandra from Germany addressed the MBA students with his Different Life Mission. His NGO *one step at a time* operates in a very peculiar fashion he walks kilometres observing people and supporting people who are needy. He finds meaning for his life through this mission. This session inspired the students to think of the meaning of their life and how to contribute something meaning fully to the society.
4. **Add on Course on Logistics:** SNGIST organised an add on course on Logistics management by an external agency School of Logistics Management, Kochi. Duration of the course was 35 hours with focused IV to Valarpadam Container Terminal, Cochin Refineries, and Warehousing Cooperation etc. Examination in this regard was conducted and students were given certificate of participation according to merit.
5. **MG University Syllabus Review:** The following faculties attended the syllabus review meetings for the subjects
  - Dr. K S Divakaran Nair & Dr. K Sreenivas attended the review meeting held at Carmel Engineering College.
  - Ms. Sagini Thomas for Human Resource Management
  - Dr. K S Divakaran Nair & Dr. Jalaja N R attended the Convenors meeting organized at Mangalam College of Engineering, Ettumannur on 3.2.2012 for Management Information System, Strategic Management

**MCA**

1. 3 days Industrial Visit was done by the students of S<sub>3</sub> MCA on 21<sup>st</sup> to 25<sup>th</sup> September, 2011 as a part of “SPARK” Programme conducted by Infosys Tech Ltd with the guidance and support from the faculty members of MCA dept.
2. A personality Development Programme was conducted for S<sub>3</sub> MCA by Mr. Jinto Mathew, Trainer .
3. One day seminar on Android Conducted by NIIT, Aluva for S<sub>3</sub> and S<sub>5</sub> MCA Students.



- (b) National Level
- (c) International Level

#### 11. Seminars & Training Programmes Conducted by Faculty (Name wise – with details)

##### (a) State Level

##### MBA

7. **Dr. K. Sreenivas, Professor, & Sreenish S. Ramaswamy, Assistant Professor, MBA Department :** Presented a paper titled “*The Paradigm shift of debt restructuring*” at International conference on Emerging Financial markets on December 2011 at PSG Institute of Management, Coimbatore.
8. **Dr. K. Sreenivas, Professor, & Sreenish S. Ramaswamy, Assistant Professor, MBA Department :** Presented a paper titled “*Decreasing FDI flows and India’s growth prospects*” at National conference on Finance & Banking organised by SAINTGITS Institute of Management on November 2011.
9. **Ms. Ameena Babu, Assistant Professor, MBA Department :** Presented a paper titled “*An analysis of customer expectations and perceptions of service quality with reference to personal Banking services*” at National conference on Finance & Banking organised by SAINTGITS Institute of Management on November 2011.

##### MCA

1. **Ms. Kavitha C.R, Asst. Professor, MCA Department:** Presented a research paper entitled “*Estimation of User story for Agile projects*” at a national conference on Advance in Computer Applications (NCACA2011) held during December 2011, organised by FISAT, Angamaly.
2. **Ms. Smitha Harikumar & Ms. Kavitha C.R, Assistant Professor, MCA Department:** Presented a research paper titled “*Application on Data mining in Education*” in the International Conference on Networks and Computing Technologies, ICNICT 2011, organized by Karpagam University, Coimbatore.
3. **Ms. Shidha M.V & Mr. Jino P John, Asst Professor, MCA Department** Attended 3 days workshop on python programming conducted by Dept. of MCA, UC college, Alwaye on December 2011.
4. 2 day’s Faculty Development Programme on .Net for MCA Faculties conducted by LCC on December 2011.

##### M.Sc Biosciences

1. **Shantipriya R.S & Liji Cebil, Lecturer, M.Sc Biosciences.** Attended a seminar UGC sponsored national Seminar on Modern Streams of Biochemistry, Department of Chemistry, St Alberts College, Eranakulam 20-22<sup>nd</sup> September 2011.
2. **Dr. Nevin.K.G, Course Co-ordinator, Mr. Sinto Antony, Student, M.Sc Biosciences** Presenter a paper on “*Vitro Cytotoxic and Antioxidant Activity of Acorus Calamus Rhizome*”; Proceedings Of The Ninety Eighth Session Of The Indian Science Congress Chennai, 2011 Section Of New Biology; Page no 38-39. **(Poster)**
3. **Dr. Nevin.K.G, Course Co-ordinator, Mr. Sinto Antony, Ms. Reshma Roshan, Soumya V Nair Student, M.Sc Biosciences,** Presented a paper on “*Synergistic effects of aqueous extract of Aegle Marmelos and Ocium sanctum on various pathogens; comparison with standard antibiotics*”. Abstract volume, 23<sup>rd</sup> Kerala Science Congress 2011. page no.70. **(Poster)**
4. **Dr. Nevin.K.G, Course Co-ordinator, Mr. Sinto Antony, Ms. Athira Dathan, Student, M.Sc Biosciences,** Presented a paper on “*Antimicrobial, Invitro Antioxidant and Cytotoxic activity of different extracts of Acorus calamus linn rhizome*”; Proceedings, University Grant Commission sponsored National Seminar on Emerging Trends in Biopharmaceuticals. St. Mary’s College Thrissur, Kerala. 26-27 August 2011. Page no.70. **(Oral Presentation)**

- 5 **Dr. Nevin.K.G, Course Co-ordinator, Mr. Sinto Antony, Ms. Athira Dathan, Student, M.Sc Biosciences,**  
Presented a paper on “ *Isolation, characterization and evaluation of antioxidant activity of coconut kernel protein*”;\_Proceedings,University Grant Commission sponsored National Seminar on Emerging Trends in Biopharmaceuticals. St. Mary’s College Thrissur, Kerala. 26-27 August 2011.Page no.68. **(Poster)**

- (b) National Level  
(c) International Level

**12. Publications by the Faculty with Impact factor of the Publications (A short description)**

1. **Dr. K. Hariharan, Dean, Engineering Department, SNGIST and Dr. Raveendran Nair,**  
Published a paper “*A Strategy for Enhancing Marketing Performance*” in the journal ‘Marketing in the Post Recession Area’.
2. **Dr. Nevin.K.G, Course Co-ordinator, M.Sc Biosciences**  
Paper published on “*Effect of dietary coconut kernel protein on the liver and pancreas of alloxan-induced diabetic rats: comparison with L-arginine and glibenclamide*”. **Mediterranean Journal of Nutrition and Metabolism**, 2012. DOI 10.1007/s12349-012-0090-2. Springer verlag, Italy
3. **Dr. Nevin.K.G, Course Co-ordinator, M.Sc Biosciences**  
Paper published on “*Arginine-rich coconut kernel diet influences nitric oxide synthase activity in alloxandiabetic rats*”. **Journal of Science Food and Agriculture**. 2010. DOI: 10.1002/jsfa.5558, John Wiley & Sons, Inc.
4. **Dr. Nevin.K.G, Course Co-ordinator, M.Sc Biosciences, Ms. Arunya Raj, Mr. Sinto Antony, Ms. Athira Dathan, Students, M.Sc Biosciences**  
Jointly Published a paper on “*Antimicrobial and Antioxidant Activity of Water and Methanol Extract of Anacardium occidentale Linn Leaf*”. **International Journal of Herbal Medicine**. (communicated)

**13. Research Highlights of Faculty/Scholars (A short description)**

1. **Ms. Kavitha C.R, Asst. Professor, MCA Department:**  
Presented a research paper entitled “*Estimation of User story for Agile projects*” at a national conference on Advance in Computer Applications (NCACA2011) held during December 2011, organised by FISAT, Angamaly.
2. **Ms. Smitha Harikumar & Ms. Kavitha C.R, Assistant Professor, MCA Department:**  
Presented a research paper titled “*Application on Data mining in Education*” in the International Conference on Networks and Computing Technologies, ICNICT 2011, organized by Karpagam University, Coimbatore.

**14. Academic Achievements (A short description)**

- Mr. Sreejith T.V, Department of Mechanical Engineering is Gold Medalist in M.Tech- Production Engineering from Visvesvaraya Technological University, Belgaum.
- Ms. Sruthy S, Department of Mechanical Engineering has scored First Rank in B.Tech Civil Engineering from University of Calicut.

**15. Student Achievements - Academic (A short description)**

- **MCA-** We have 75% result in University examination with 20% distinction and 60% first class.

**16. Students Activities/Achievements – (Extra Curricular)**

- (a) National Cadet Corps
- (b) **National Service Scheme**

- ***Inauguration of NSS Unit:*** Our National Service Scheme Technical Cell unit no. 242 is inaugurated with 100 volunteer in 15<sup>th</sup> October 2011 by Hon. V.K. Ibrahim Kunju (Minister for PWD), Presided by Prof. C.K. Renjan (Chairman SNGIST), Keynote address by Sri. V.D. Satheesan (MLA), special address by Sri. K.A. Khalid (Programme Co-ordinator, Dept. of Technical Education, Govt. of Kerala), Sri. V. Gopakumar (Director SNGIST) gave the welcome speech. Dr. Sreenivasan K. (Dean MBA), Prof.Sureshkumar (Dean MCA), Dr. Hariharan K. (Dean of Engineering) were felicitated K. Rejin (Volunteer secretary) gave vote of thanks.
- ***Cleaning the campus-*** College campus was cleaned on 22<sup>nd</sup> October 2011 as a part of cleanliness Programme. As a part of awareness, based on community cleanliness and significance, NSS volunteer provided a healthy and hygienic campus for the college from that day. Message was conveyed to the importance of personal hygiene and cause to illness to the public.
- ***Anti ragging campaign authorities*** - In association with legal service, our college were engaged to take awareness class on ‘Ragging and Consequences’ on 22<sup>nd</sup> October, 2011. NSS volunteer rendered all helps to organize this camp. On this yester week before juniors arrived the college campus turned to an anti-ragging campus.
- ***Blood Donation camp-*** We hosted and volunteered the camp conducted by Blood Bank of I M A, Ernakulam on 16<sup>th</sup> November,2011. We were able to direct many students to donate blood thereby taking away the crux of their fear.
- ***Conducted district level camp*** - NSS unit of SNGIST, N Paravur has proudly venued two days district level camp on 10th and 11th December 2011. 72 participants from various Engg. College and Polytechnic College attended the camp. The theme of the camp was solid waste management.
- ***Conducted self employment programme for 50 people in the Ward no.3, of Karumalloor Panchayath-*** Our NSS unit conducted a self employment training programme was held on 26<sup>th</sup> January, 2011 at Karumalloor Grama Panchayat Ward No.3 in the premises of Anganavadi No.4. 50 people and NSS volunteer attended the training Sri. K.A. Joseph welcomed the gathering Prof. C.K. Renjan (Chariman SNGIST) officially inaugurated the function presided over by Smt. Fathima Shamsuddin (Panchayat President) Our director Prof. Divakaran Nair, Felicitated NSS Programme Officer C.G. Jayaram explained the training programme. The trainees were taught how to prepare soap powder, toilet cleaner solution, Dish washes solution and phenyl, For Kudumbasree units of the same ward have agreed to start their own production units taking urge from the training.

(d) **Arts Festivals**

Student Activity

1. Management Festival - ZEITGEIST-2011

Zeitgeist-2011, South Indian Mega Management Fest was organized in our institution for this noble cause for two days on 14<sup>th</sup> and 15<sup>th</sup> November, 2011. It is no wonder that Zeitgeist was widely acclaimed by the professional institutions of the state -more than 30 colleges from all over south India participated in the meet. It was in fact a platform where hundreds of students explored their capacity, competence and elegance through critical and stressful situations. Dr. Viju Jacob, the Director of Synthite Industries Ltd. inaugurated the management fest events. The fiesta was put an end with valedictory function, which was adorned by R. Manomohan, CEO Muthoot Capital Services Ltd.

2. IT Festival – INIZIO 2012

National Level IT Fest – INIZIO 2011 was organized in our institution for two days on 17<sup>th</sup> and 18<sup>th</sup> February 2012. More than 53 Colleges participated from all over south India with total participants numbering 468. Dr. M Aramudhan, Professor, Govt Engineering College, Puthuchery inaugurated the festival. It came to an end on 18<sup>th</sup> February with a valedictory function, which was adorned by Mr. M.S Sreekumar, Associate Vice President (HR),

Muthoot Capital Service, Ernakulam. Events such as Web designing, Coding, Code cracking, IT Quiz, Treasure Hunt, Gaming and Paper presentation was conducted.

Student Achievements

1. Mr. Jose Francis, Mr. Anish John, Mr. Shibir Varghese, Ms. Dhanasree of MBA department won 2<sup>nd</sup> Prize in Marketing Game in Management Fest “LEGADO 2011” conducted Holy Grace Institute, Mala.
2. Mr. Jose Francis, Mr. Anish John, Mr. Shibir Varghese, Ms. Dhanashree of MBA department won 2<sup>nd</sup> Prize in Marketing Game in Management Fest conducted Depaul Institute, Anagamaly.
3. Mr. Jose Francis, Mr. Anish John, Mr. Vipin Abraham of MBA department won 2<sup>nd</sup> prize in Product launch conducted by Naipunya College, Cherthala.
4. Mr. Samarth Valsaraj, Mr. Sivaraj of MBA department won first prize in Finance game conducted by Rams College, Cherai.
5. Mr. Aby Joseph, Mr. Jackson K.X, Mr. Anoop Joshy, Mr. Renjith K.R, Ms. Reshma G, Ms. Akhila T, Ms.Aparna C.N of MCA department won 1<sup>st</sup> prize in Trusure Hunt in the It Fest conducted by MES College, Kuttipuram
6. Ms. Sumayya Karim, Ms. Sanitha, Ms. Sruthy Ghosh, Ms. Veena Vijayan, Mr. Renjith K.R, Mr. Sujith of MCA department won 1<sup>st</sup> prize in Treasure Hunt in the It Fest conducted by Nirmala College, Kuttipuram
7. Mr. Akhil P.S, Mr. Sibin EV, Mr. Renjith K.R, Mr. Jaison Thomas of MCA department won 1<sup>st</sup> prize in Treasure Hunt in the It Fest conducted by Marian College, Kuttikanan
8. Mr. Mohammed Ellyas, Mr.Libin Thomas, Mr. Abdul Ashque, Mr. pranith Ronald, Mr. Ashique A Karim of Engineering Department won 1<sup>st</sup> prize in Scen Contra, in Bharatham 2012 Being held in FISAT, Angamaly.

(d) Sports

- A basket ball team has been formed in our institution and it is planned to participate in inter collegiate matches.
- An Inter departmental Cricket Match was conducted in our institution as a part of IT Fest ‘INIZIO 2012’ by MCA Department,

(e) Games

- A State Level Contest in Quiz, Painting & Group Song ‘Glamourazzi-2011’, a contest for the benefit of Graduate, Undergraduate and Higher Secondary students to build a clear vision, and motivating their skills in the fast changing world of technology. More than 128 students participated from 20 institutions.

(f) Others

- Passing out of MBA -2009-11 batch .Mr. Sanjeev Thomas, CEO, Binani Zinc inaugurated the function.
- Passing out of MCA -2008-11 batch .Mr. Anil V, ASSYST, Ernakulam and Dr.Philip Samuel, HOD-IT Dept, CUSAT were inaugurated the function.

**17. Industry Varsity Linkage (If any, short description)**

We have a MOU with M/S Calpine Technologies Pvt. Ltd., Infopark, Kochi for project work and placement of MCA & M.Sc Biotechnology students.

**18. Academic Tie-Ups (if any)**

**19. Student**

**Progression MCA**

- Rope - In Programme** for MCA I Year students was organised from 4<sup>th</sup> January to 7<sup>th</sup> January at ASSISI Franciscan Center at Karukutty. 103 Students of 2011-14 Batch along with MCA

faculty members were attended the programme. The sessions were handled by Mr. Dinesh, Prof. Nair, Mr. Jindo Mathew, Mrs. Shelly.

- **Rope-Out Programme** for MCA final year (2010-13) was conducted on 19<sup>th</sup> to 21<sup>st</sup> January at ASSISI Franciscan Center at Karukutty. All students attended the programme.

### **MBA**

- **Rope - In Programme** for MBA I Year students was organised from 20<sup>th</sup> to 25<sup>th</sup> July at ASSISI Franciscan Center at Karukutty. 78 Students of 2011-13 Batch along with MBA faculty members were attended the programme. The sessions were handled by Prof. Poduval, Mr. Vipin Roldant, Dr. Raju Antony, Dr. Anandakutan B Unnithan. The programme was put an end with valedictory function, which was adorned by Dr. Rejith Kumar, Professor, Sree Sankara College, Kalady
- **Rope - Out Programme** for MBA II Year students was organised from 2<sup>nd</sup> and 3<sup>rd</sup> January, 2012 at ASSISI Franciscan Center at Karukutty. 76 Students of 2010-12 Batch along with MBA faculty members were attended the programme. The sessions were handled by Mr. Jayagopal, Mr. Jinto, Prof. K P S Nair.

### **20. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. of Students Attended	No. of Students Selected
<b><u>MCA</u></b>			
1	UST Global	44	4
2	HCL	8	1
3	M/s Sutherland, Cochin	22	2
4	M/s Muzris Software solutions, Cochin	28	3
5	M/s Spectrum Solutions Pvt. ltd	35	12
6	Tata Elxi,	22	3
7	HP	8	1
8	M/s Cool mind, Kakkanadu	42	2
9	M/s Calpine	8	5
10	IBM	1	1
11	Wipro	10	1
12	Geojith	12	4
<b><u>MBA</u></b>			
1	M/s Akva Alert Studio, Cochin	42	7
2	M/s Muzris Software solutions, Cochin	70	1
3	M/s Spectrum solutions Pvt ltd, Cochin	55	Result Awaited
4	M/s Indus Ind Bank, Kerala	32	12
5	HDFC Bank	26	
6	TCS	1	Result awaited
7	Lupin Labs	3	3
8	GSK	1	1
9	HDFC standard life	2	2
10	Organi Coating Ltd	1	1
11	UAE Exchange	1	1

21. Number of PhD's produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College (with email and website) : Nil

## Sree Narayana Gurukulam College of Engineering, Kadayirippu

1. **Name of college** : Sree Narayana Gurukulam College of Engineering

2. **Name of principal** : Dr. Joshi P N

### 3. Staff profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	76	98	6	-	180
Non-Teaching	55	25	-	-	80

### 4. Courses offered with number of seats:

Under Graduate	Number of seats		Post Graduate	Number of seats		M. Phil	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
Civil Engineering	118	121	Computer Aided Structural Engineering	6	12	-	-	-	-	-	-
Computer Science & Engineering	168	236	Master of Computer Applications	68	57	-	-	-	-	-	-
Electrical & Electronics Engineering	165	107	Embedded & VLSI Design	13	23	-	-	-	-	-	-
Electronics & Communication Engineering	247	303	Master of Business Administration	74	96	-	-	-	-	-	-
Mechanical Engineering	419	6	Machine Design	18	0	-	-	-	-	-	-

### 5. Student intake

Under graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
April/May 2011 VIII B. Tech (2007 Admn)	293	147	112	105	MBA August 2011	23	37	22	36	-	-	-	-	-	-	-	-	-	-

### 6. Details of tests cleared by students (if any)

Sl.No	National Level	State Level	
1	15 students of the college passed GATE examination .		

### 7. Library

- (a) Total number of Books : 26659  
 (b) Total number of journals : 149  
 (c) Total number of periodicals : 138  
 (d) Additions during the period : 2526 books were added during the period May 2010 to May 2011.

**8. Grants received from**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil

**9. Projects undertaken : Nil**

**10. Seminars conducted**

(a) State Level :

- i. Five day workshop on SPSS by the department of Electronics and Communication Engineering during December 2011.
- ii. One day seminar on Wireless Ad-hoc networks department of Electronics and Communication Engineering
- iii. Civil Engineering department organized a one day Technical Seminar was on “Concrete” conducted was on 21/01/2011.
- iv. The Mechanical Engineering and Civil Engineering departments organized a one day seminar on recent advances in Marine Technology by the department of Ship Technology CUSAT on 11.03.2011
- v. Civil Engineering department organized a one day seminar on emerging trends in civil CAD by CAD centre Todupuzha on 18.03.2011
- vi. Civil Engineering department organized a one day seminar on Civil Engineering Softwares by Cochin CAD centre on 25.03.2011
- vii. The computer science and engineering department of our college conducted a two day workshop on “C Programming for the third semester students on 12<sup>th</sup> and 13<sup>th</sup> of December 2011
- viii. The computer science and engineering department of our college organized a two day “Computer Awareness Program for the House wives” on 8<sup>th</sup> and 9<sup>th</sup> December 2011
- ix. The computer science and engineering department of our college conducted

(b) National Level :

- i. One day National Seminar on Refrigeration and Air conditioning during September 2011.
- ii. A National Conference on “Computing technologies NCCT 2012 is planned for the month of March 2012 by the computer science and engineering department.

(c) International Level :

- i. Seminar on “New Generation Banking” was conducted during January 2011.

**11. Seminars conducted by faculty(Name wise-with details)**

(a) State Level :

- i. Lija M. Paul, Dept. of Civil Engg., coordinated the seminar titled ‘Energy and environment, from 03/01/2011 to 07/01/2011 in association with Mechanical Engg. Dept & ISTE chapter SNGCE.
- ii. Conducted faculty development programme on the subject “Emerging challenges in Power System Management” from 22-11-2010 to 26-11-2010.
- iii. Faculty development program on ‘Recent trends in VLSI and Embedded Systems’ from January 3rd to 7th of 2011
- iv. ‘A Workshop on current practices in power system management’ from 30th November 2010 to 4th December 2010.
- v. ‘A Workshop on emerging challenges in power system management’ from 22nd November 2010 to 26th November 2010.
- vi. Binu P.P coordinated Business Skill Development Programme in the campus for students which involved seminars by various entrepreneurs.
- vii. Kavitha PE of the Civil engineering department conducted a Two day training program conducted on STRAP 2010 for faculty members and PG students on 12.10.2011 and 13.10.2011

- viii. Kavitha P E of the civil engineering department conducted one day training on SAP 2000 for faculty members and PG students on 03.11.2011
- (b) National Level : Nil
- (c) International Level : Nil

**12. Publications of the Faculty with impact factor of the publications**

- i. A Text Book titled “Elements of Management by Dr. Kemthose P Paul of Management Studies under the publisher PHI.
- ii. A text book on Basic Mechanical Engineering by Rajesh Kumar R and Arun Mohan of Dept. of Mechanical Engg.
- iii. Book titled ‘Elements of Management’ covering syllabus of Principles of Management, Industrial Engineering and Total Quality Management by Rajesh Kumar R, Asst. Professor, Dept .of Mechanical Engg.
- iv. Book titled ‘Complete Management’ covering syllabus of Reliability and Humanities and Industrial Management Rajesh Kumar R, Asst. Professor, Dept .of Mechanical Engg.
- v. Solved University Question Papers of Engineering Graphics by Pradeepmon T.G, Associate Professor, Dept .of Mechanical Engg.
- vi. A text book on Economics by Rajesh Kumar R and Arun Mohan of Dept. of Mechanical Engg.
- vii. A text book titled “Principles of Management” by Rajesh Kumar R of Dept. of Mechanical Engg.
- viii. Dr. V S Pradeepan, Professor and Head, Dept. of Civil Engineering delivered a talk on “Anaerobic waste water treatment- waste treatment and management solution with energy recovery” on 04/01/2011 for ISTE approved STTP “Energy and Environment held at SNGCE Kadayiruppu from Jan 03<sup>rd</sup> to 7<sup>th</sup> 2011.

**13. Research highlights of Faculty/Scholars :**

- i. Ms. Kavitha P.E, Associate Prof, Civil Engineering & Mr. Dipu V.S Asst.Professor, Civil Engineering are pursuing Ph.D at CUSAT
- ii. Binu P.P, Rajesh R, Associate Professors in Dept. of Mechanical Engineering are pursuing Ph.D at CUSAT.
- iii. Pradeepmon T.G, Associate Professors in Dept. of Mechanical Engineering are pursuing Ph.D at IIT, Calicut.
- iv. Sindhu M.K, Associate Professors in Dept. of Computer Science and Engg. is pursuing Ph.D at Anna University, Coimbatore.
- v. Beena T Balan, Asst. Professor in Dept. Science is pursuing Ph.D at Karunya University, Coimbatore.
- ix. Mr. Ajith Kumar S of the Mechanical Engineering Department is currently doing his PhD at IIT Madras.
- x. Mr. Joone Joy Asst. Professor, Dept. of Civil Engineering presented a paper on “Assessing monetary value of the nuisance cause by MSW Landfill” in the International conference on “Advances in materials and Techniques for infra structure development (AMTID 2011) organized by dept. of civil engineering, NIT Calicut during 28-30 September 2011.

**14. Academic achievements :**

- i. Computer Science department of our college has placed a project on Humanoid robot called “Agrima”
- ii. Our computer science and engineering department has provided support for the conduct of online examinations of CAT, All India Engineering Examination, Railway recruitment board, and BEML recruitment test.
- iii. The Computer science and engineering department of our college is also acting as the consultant member for MG University.



**15. Students achievements-Academic :**

- i. Ms. Sneha K Unni of MBA Dept. secured First rank in the MBA examinations held in August 2011.
- ii. Mr. Jijo Johnson of Mechanical Engineering department secured First rank in the University Examinations conducted during April 2011.
- iii. A group of students from the computer science and engineering department has developed software for collecting the faculty feedback from the students of the college.
- iv. A group of students from the computer science and engineering department has developed software for the daily attendance marking of the college.

**16. Students activities/Achievements-(Extra Curricular) : Participation in management fests conducted by different colleges.**

- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Nil
- (c) Arts Festivals : Nil
- (d) Sports :
  - i. Our College volley ball team won the First place in Inter Engineering College Match conducted at Amal Jyothi College of Engineering Kanjirappally during December 2011
  - ii. Our Cricket team has qualified in the MG University inter-zone and has become one among the best 8 teams of the colleges under the University.
  - iii. Mr. Vipin of 8<sup>th</sup> Semester Electrical and Electronics Engineering has been selected to the M G University Kho-Kho team.
- (e) Games
  - i. Prem Sangeeth and Rakesh A of 8th Semester Computer Science and Engg. won prize for C-Debugging contest in 'Takshak 2010' a National level contest conducted by MACE, Kothamangalam on 17th and 18th September 2010.
  - ii. Bincy Barachan of 6th Semester Computer Science and Engg. won prize for the event 'Brainstropear', at the IT Fest organized by Computer Association, BPC College, Piravom.
  - iii. Bincy Barachan and Arun Mohan of 6th Semester Computer Science and Engg. won 2nd prize in "#include", a National Level contest conducted by RASET.
  - iv. Avaneese Narayan and Alias K Paul of 8th semester Civil Engineering won first prize for "VAIBHAV – The Ultimate Civil Engineer" contest in "Takshak 2011"- A National level technical fest conducted by MACE, Kothamangalam on 1st and 2nd September 2011.
  - v. Nishitha Nair and Aleena James of 8th semester Civil Engineering won second prize for "VAIBHAV – The Ultimate Civil Engineer" contest in "Takshak 2011" - A National level technical fest conducted by MACE, Kothamangalam on 1st and 2nd September 2011.
  - vi. Binu T R, Dikil A M, Parvathy S Raju and Nidhi Murali of 8th semester Civil Engineering won first prize for "BHRAMA – The Best Civil Engineer (Structural Engineer)" in "Takshak 2011" –A National level technical fest conducted by MACE, Kothamangalam on 1st and 2nd September 2011.
  - vii. Avaneese Narayan and Alias K Paul of 8th semester Civil Engineering won first prize for "Model Making" contest in National level technical fest conducted by KMEA College of Engineering, Edathala, Cochin on 24th and 25th January 2012.
  - viii. Sajeev Soman and Dikil A M of 8th semester Civil Engineering won second prize for "Model Making" contest in National level technical fest conducted by KMEA College of Engineering, Edathala, Cochin on 24th and 25th January 2012.
  - ix. Avaneese Narayan and Alias K Paul of 8th semester Civil Engineering won first prize for "Interior Design" contest in National level technical fest conducted by KMEA College of Engineering, Edathala, Cochin on 24th and 25th January 2012.

- x. Unnikrishnan K V and Swathi Raj R of 8th semester Civil Engineering won second prize for “Interior Design” contest in National level technical fest conducted by KMEA College of Engineering, Edathala, Cochin on 24th and 25th January 2012.
- xi. Linson Kurien of the 3<sup>rd</sup> semester computer Science and Engineering department has won First prize for “Coding Contest” in National level technical fest conducted by Toc-H Institute of Science and Technology, Arkkunnam.

**17. Industry Varsity Linkage (If any) :**

- i. Dept. of Mechanical Engg. has made tie up with Walcon Marine for the benefit of students.
- ii. College in association with WIPRO conducts Faculty Development programmes every year.
- iii. College has signed MOU with Infosys campus connect for the training and development of students and staff of the college.
- iv. MOU with RNC ready mix India Private Limited, Ernakulum for conducting seminars and site visits for the students of the Civil Engineering department.

**18. Academic tie-ups (if any) :**

- i. College has made tie-up with Infosys for giving training to students on soft skills and technical skills. Program is titled as Infosys – Campus connect program.

**19. Student Progression:** All eligible students got placement in reputed firms..

**20. Campus recruitment(if any) :**

SL.No.	Name of the firm	No. of students attended		No. of students selected	
		M	W	M	W
1	Infosys	89	85	5	9
2	Robosoft Technologies	41	43	1	1
3	UST GLOBAL	22	28	2	7
4	HCL	50	82	3	6
5	CSS Corp	5	8	1	1
6	Sasken	7	8	2	2
7	Syntel	73	84	3	3
8	Path Partner	3	9	1	0
9	Oracle	7	8	4	2
10	Speridian	26	24	1	0
11	ALLSEC TECHNOLOGIES	20	30	13	8
12	Escube Technologies	89	90	16	43
13	Travancore Analatics	7	8	1	1
14	CSS CORP	21	22	4	6
15	Hyundai	5	0	1	0

**21. Number of Ph.D’s produced :** Nil

**22. Research Scholars registered in the College :** Nil

**23. List of research guides in your college :** Nil

## Viswajyothi College of Engineering & Technology Vazhakulam, Muvattupuzha

1. Name of College : Viswajyothi College of Engineering & Technology  
E-mail : [vjcet@vjcet.org](mailto:vjcet@vjcet.org), [vjcvklm@gmail.com](mailto:vjcvklm@gmail.com)  
Website : [www.vjcet.ac.in](http://www.vjcet.ac.in)

2. Name of Principal : Dr. K.T.Mathew

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	65	84	3	0	149
Non-Teaching	62	26	0	0	88

### 4. Courses Offered with number of seats

Sl. No.	Courses	Branch	Intake
1	B.Tech	Computer Science & Engineering	120
2		Electronics & Communication Engineering	120
3		Electrical & Electronics Engineering	60
4		Information Technology	60
5		Mechanical Engineering	60
6	M.Tech	Computer Science & Engineering	18
7		Electronics & Comm. Engg. (VLSI & Embedded System)	18
8		Industrial Engineering & Management	18
9	MBA	Master of Business Administration	60

### 5. Student Intake

(Intake, those appeared in the examination and passed)

	Branch	Intake	Appeared		Passed	
			Men	Women	Men	Women
Under Graduate	B.Tech – CSE	120	40	88	29	71
	B.Tech - ECE	120	71	61	62	61
	B.Tech – EEE	60	27	34	20	33
	B.Tech – IT	60	22	41	20	41
	B.Tech – ME	60	63	0	57	0
	B.Tech – CE	60	Course not completed			
Post Graduate	M.Tech. -CSE	18	Course not completed			
	M.Tech -ECE	18				
	M.Tech - IEM	18				
	MBA	60	20	39	18	36

### 6. Details of Tests cleared by Students (if any)

Department	No. of students who cleared GATE 2011
EEE	9
ME	3
IT	2

## 7. Library

- (a) Total Number of Books : 17031 Nos.
- (b) Total Number of Journals : 71 Nos + 10 e-Journal packages
- (c) Total Number of Periodicals : 29 Nos.
- (d) Additions during the period : 3128 Nos

## 8. Grants Received from

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others – Specify : Nil

## 9. Projects Undertaken

- (a) Development of a semi- automatic rubber tapping machine completed by R&D Dept.
- (b) Development of a manually operated pineapple canner started by R & D Dept.
- (c) Software Router by IT Dept.
- (d) Cluster Computing by IT Dept.
- (e) Bluetooth Protocol stack by IT Dept.

## 10. Seminar Conducted

- (a) State Level : Seminar on Marketing Problems of Pineapple Products by R& D Dept.
- (b) National Level : Seminar on Emerging Management Trends in Global Business, Challenges & Opportunities by MBA Dept.
- (c) International Level : Nil

## 11. Seminars conducted by Faculty

- (a) State Level : Nil
- (b) National Level :
- Ms. Merlin Thomas, Asst. Prof. ECE Dept, presented a paper on “ Analysis of Multi Component Signals using WVD & its Variants” in a National Conference on Emerging Trends in Electronics at SJ CET Palai in December 2011
- (c) International Level
- Ms. Femy John , Asst. Prof. ECE Dept, presented a paper on “ Custom Processor Implementation of a Self clocked coding scheme for Low power RF communication Systems” in the Second International Conference on Information , Telecommunication and Computing – ITC 2011, organized by Association of Computer Electronics and Electrical Engineers (ACEEE), March 2011.
- Mr. Tony D published a paper on “ CPW-fed-slot Planar Antenna for Wireless Applications” in Microwave and optical Technology Letters, Wiley Volume 53, Issue 11, pages 2501-2504 November ‘11

## 12. Publications by the faculty with impact factor of the Publications

- Dr. Austin Joseph, “Management of Kudumbasree programmes Government of Kerala” International Journal magazine, published in , November 2011, New Delhi.
- Mr. Babu T Chacko , Asst. Prof. EEE Dept, published a paper on “Real Time Video Filtering” at IEEE International Conference
- Ms. Mereya Baby Asst. Prof. EEE Dept, published a paper on “Design of Artificial Neural Network” at CIIT International Journal
- Ms. Nishamol P H, Assistant Professor, Dept. of CSE, has published and presented a paper on “Semantic Role Labelling: A Survey” in an National Conference on NCACA2011 held during 15<sup>th</sup> and 16<sup>th</sup> of December 2011.
- Mr. Amel Austine, Assistant Professor, Dept. of CSE, VJCET published a paper on “A Hybrid Approach to Personalize Web Search with User Diversity Prediction” in CiIT International Journal of Data Mining Knowledge Engineering, March, 2011.
- Ms. Mili Els Jose, Assistant Professor, Dept. of CSE, VJCET has published and presented a paper on “Data Hiding using LSB Technique” in an International Conference on Information Security on 4<sup>th</sup> and 5<sup>th</sup>, March 2011

- Ms. Mayadevi P.A, Assistant Professor, Dept. of CSE, VJCET has published and presented a paper on “E Business Credit Fraud Detection” in an International Conference on Information Security on 4<sup>th</sup> and 5<sup>th</sup>, March 2011
- Mr. Sebastian George, Assistant Professor, Dept. of CSE, Mr. Bino Thomas of M.Tech CSE has published and presented a paper on “Secure Authentication Protocol for Variable Length Feature Vectors” in an National Conference on Envisioning the future: emerging trends in management and information technology: Chinmaya Institute, Kannur University, Kerala.
- Mr. Shibu K.R , Assistant Professor, Dept. of CSE , Ms. Rekha K S of M.Tech CSE has published and presented a paper on “A Comparitive Study on Routing Protocols Used in Delay Tolorent Networks ” in an Internationall join colloquiums on 20th-21<sup>st</sup> September 2011 organized by ACEEE
- Mr. Shibu K.R , Assistant Professor, Dept. of CSE, Ms. Rekha K S of M.Tech CSE has published and presented a paper on “Border Gateway Protocol-Inherent Limitations and Proposed Solutions” in an Internationall Conference on Emerging Technology Trends on 25th-26<sup>th</sup> March 2011 held at Kollam.
- Mrs.Gincy Abraham, Assistant Professor, Dept. of CSE and Ms. Roshan Mathew of M.Tech CSE has published and presented a paper on “A New Approach to Peer-to-Peer Botnet Architecture and Detection” in an The International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil, CEMC- 2011 under ACEEE hosted by ILAHIA College of Engineering and Technology (ICET), Muvatupuzha, Kerala, India, from Sep 20-21, 2011.
- Mr. Sivadas T Nair, Senior Programmer, Dept. of CSE has published and presented a paper on “An Enhanced FP Tree Algorithm In Mining Large Datbases” in an National Conference in Computing And Communication on 26<sup>th</sup> and 17<sup>th</sup> of May 2011.
- Mr. Basil Baby, Assistant Professor, Dept. of CSE, Ms. Julie Varghese of M.Tech CSE has published and presented a paper on “On The Accuracy Of Prioritizing Packets In Routers” in an International joint colloquiums on Computer, Electronics, Electrical, Mechanical and Civil on 20<sup>th</sup> - 21<sup>st</sup> of September, 2011.
- Mrs. Kavitha Gopalakrishnan, Asst.Professor, English, Science & Humanities Department titled an article “Pinterland : A Hothouse of Modern Oppression and Violence” by Ezine Article ( Electronic pub)
- Mrs. Kavitha Gopalakrishnan, Asst.Professor, English, Science & Humanities Department titled an article Tagore Revisited: A study of three companions and its Modernistic Appeal.by Writers, Editorsand Critics (1-1) March 2011
- Mrs. Kavitha Gopalakrishnan, Asst.Professor, English, Science & Humanities Department titled an article “The matrix of Cultural co-existence: K.V.Dominic’s Winged Reason as an attempt to enlighten the need of cultural cohesion and interaction between flora, fauna and human world” by International Journal of Multicultural Literature (IJML July 2011 Pg. 170-175)
- Mrs. Kavitha Gopalakrishnan, Asst.Professor, English, Science & Humanities Department titled an article Valsa George’s “ Drop of a feather” (Book Review) (IJML 2.1 (Jan2012) Pg 143-144
- Mrs. Kavitha Gopalakrishnan, Asst.Professor, English, Science & Humanities Department titled an article “Chetan Bhagat revolutionizing reach & readership” by Voice International Spl.Volume in July 2011

### 13. Research Highlights of Faculty/Scholars

- Dr.K.Babu Joseph , Dean, R&D, continued his research in Non linear science as well as general mathematics. In Non linear Science, the propagation of two beams of light with slightly different frequencies through a photo refractor medium was investigated. The coupled nonlinear Schrodinger equation that models the beam propagation was derived and solved analytically. The existence of soliton – like solutions was also verified. In General Mathematics, he continued his study of local and global aspects of the map coloring problem and obtained a few results which are being processed.

- Dr. Austin Joseph, Professor & Head MBA
  - a) P.hD in Education “A study of Distance Education programmes in Kerala University” its communication in terms of impact and utility.
  - b) P.hD in Management “A study of effectiveness of Management programmes of Kudumbasree in Kerala” (Vinayaka Mission University)
  - c) Research (P.hD) in Law “Human Rights violation and torturing under police custody” (Andra Pradesh State University of Law)
  - d) Research ( Ph .D) on Counselling “A study of the effectiveness of career guidance and counseling in Higher Education and role of mentor in guiding the students” (Rajeev Gandhi Institute Govt. of India, Central University in Chennai.)
- Mrs. Anu George , Asst. Professor MBA  
A study of E commerce and Buying patterns of consumers, P.hD Thesis submitted to Univerity of Kerala.
- Mr. Gijo George, Asst. Professor MBA  
A critical appraisal of the need and feasibility of judicial system in India with special focus on Central administrative tribunal.
- Mrs. Aneesha Balaji ,Asst. Professor Civil Engg.  
Undergoing doctoral studies at NIT Calicut in the topic ‘fire resistance of concrete structures’
- Mrs. Kavitha Gopalakrishnan ,Asst. Professor English, Science & Humanities Dept. Pursuing P.hD at M.G. University – St. Thomas College Palai, under the Guidenship of Prof. Siby James in the topic An opiristic encounter between High and Popular culture in the works of Chetan Bhagat.

#### 14. Academic Achievements

- Mrs. Nishamol P.H, Asst. Professor, CSE Dept. : M.Tech
- Mr. Amel Austine, Asst. Professor, CSE Dept. : M.Tech
- Mrs. Merlin Thomas, Asst. Professor, ECE Dept : M.Tech
- Mrs. Rose Maria Jose, Asst. Professor, ECE Dept : M.Tech
- Mrs. Achila T.S , Asst. Professor IT Dept. : M.Tech
- Mrs. Tiny Molly V, Asst. Professor IT Dept. : M.Tech
- Mrs. Neena M Joseph, Asst. Professor, Civil Dept. : M.Tech
- Mr. Aneesh Kurian Asst. Professor, EEEDept. : M.Tech
- Mr. Mereya Baby Asst. Professor, EEEDept. : M.Tech
- Mr. Lis Emmanuel Asst. Professor, EEE Dept. : M.Tech
- Mr. Aniamma K.C. Asst. Professor, EEE Dept. : M.Tech

#### 15. Student Achievements – Academic

- 1<sup>st</sup> rank in B.Tech. Information Technology branch - Ms. Soumya Joseph
  - 2<sup>nd</sup> rank in B.Tech. Computer Science and Engg. branch - Ms. Anu Soosan Baby
- A group consisting of students who are member’s of the Innovators’ Club of the college developed a semi-automatic rubber tapping machine. Another student group started work on developing a pineapple canner.

#### 16. Students Activities / Achievements (Extra Curricular)

- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Started in the year 2008, more than 300 members, Donated blood to Blood Bank Ernakulam , “EYE SCREENING CAMPAIGN “ on 24 to 25 October 2011
- (c) Arts Festivals : Conducted 2 days Arts festival Bodhi -2011
- (d) Sports : 1) M.G. University Lawn Tennis (Men) Championship at Rajiv Gandhi Indoor Stadium Kadavanthra on 31-01-11 – 2<sup>nd</sup> Place  
Ajay John (S6 ME) as selected as member of M.G. University team.

- 2) All Kerala Inter Engineering College Basketball tournament at RASET from 01-02-11 to 04-02-11 and got 1<sup>st</sup> place
- 3) All Kerala Inter Engineering College Basketball tournament at FISAT from 05-02-11 to 07-02-11 and got 3<sup>rd</sup> place
- 4) Conducted All Kerala Inter Engineering College Basket Ball Tournament MAGNUM 2011 from 20-02-11 to 22-02-11 at VJCET and got 2<sup>nd</sup> place.

(e) Games : Nil

**17. Industry Varsity Linkage** (if any) : MBA Department interacted with private and public industries for project work and placement and also visited four industries.

**18. Academic Tie-Ups** (if any) : No

**19. Student Progression** (Brief about the past students)

**20. Campus Recruitment** (is any)

No.	Name of the Firm	No. of Students attended		No. of students selected	
		M	W	M	W
1	Infosys Technologies Ltd.	87	153	46	83
2	Patni Computers	65	90	10	27
3	IBS	32	48	0	4
4	Tata Elxsi Ltd.	20	62	8	13
5	Omnex Academy	25	0	19	0
6	Sun Tec Business Solutions Pvt.Ltd.	29	52	2	3
7	Wipro	45	80	4	6
8	Oracle	37	75	1	4
9	Mphasis	44	73	4	3
10	SPI	35	60	5	2
11	HCL	68	87	19	4
12	Anglo Indian	22	0	4	0
13	CMS	52	45	14	19
14	NEST	31	46	2	3
15	Ushus Technologies	24	36	3	2
16	Synthite ,Kolenchery	13	4	2	0
17	HDFC	21	10	5	2
18	South Indian Bank	8	2	2	0
19	Manappuram Finance	12	0	5	0

**21. Number of PhD's produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College**

- (a) Dr. K T Mathew, Principal
- (b). Dr. K Babu Joseph, Dean (R&D)
- (c) Dr. K N Ramachandran Nair, Professor & Head, CSE Dept.
- (d) Dr. Austin Joseph, Professor & Head MBA Dept.

**1. Name of the College** : Holy Crescent College of Architecture  
 E mail: [hccofarch@gmail.com](mailto:hccofarch@gmail.com)  
 Web Site: under construction

**2. Name of the Principal** : Ar. K. A. Shamsudeen

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	3	0	0	6
Non Teaching	0	2	0	0	2

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B. Arch.	40										

**5. Student Intake:** 27 (2011 admissions)

**6. Details of Tests cleared by Students** : Nil

**7. Library**

- (a) Total Number of Books : 492
- (b) Total Number of Journals : 3
- (c) Total Number of Periodicals : 4
- (d) Number of titles added during the year : 492

**8. Grants Received From**

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others – Specify : Nil

**9. Projects Undertaken** : Nil

**10. Seminars Conducted**

- (a) State Level: Sthapatheeyam '12, Talk by Ar. Charles Correa
- (b) National Level : Nil
- (c) International Level : Nil

**11. Seminars Conducted by Faculty** : Nil

**12. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** : Nil

**14. Academic Achievements:** 3<sup>rd</sup> prize for design competition conducted by IIA, Kochi- Design Angadi'11

**15. Student Achievements - Academic** : Nil

**16. Students Activities/ Achievements – (Extra Curricular)**

- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Nil
- (c) Arts Festivals: 2<sup>nd</sup> place for Pantheon'11, 2<sup>nd</sup> place for short film competition conducted by TKM Engineering College & 2<sup>nd</sup> place for photography competition conducted by College of Engineering, Kalllooppara
- (d) Sports : Nil
- (e) Games : Nil

**17. Industry Varsity Linkage** : Visit to 'Greenix Village' as part of a design project & ' Medangal mana' for knowing about traditional Architecture of Kerala.



18. Academic Tie-Ups (if any) : Nil  
 19. Student Progression : Nil  
 20. Campus Recruitment (if any) : Nil  
 21. Number of PhD's Produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College : Nil

## MEDICAL COLLEGES(UNAIDED)

### Sree Narayana Institute of Medical Sciences, Chalakka, North Kuthiathode

1. Name of the College : Sree Narayana Institute of Medical Sciences, Chalakka  
 Email : [principalsnims@gmail.com](mailto:principalsnims@gmail.com)  
 Website : [www.snims.org](http://www.snims.org)

2. Name of the Principal : Dr. M.J. John

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	173	74			247
Non Teaching	96	281	36	6	377

#### 4. Courses Offered with Number of seats :

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
MBBS 100 SEATS	32	68	Nil			Nil			Nil		

#### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																					
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed			
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M	W
MBBS	29	69	25	52																	

6. Details of Tests cleared by Students : Nil

#### 7. Library

- (a) Total Number of Books : 5605  
 (b) Total Number of Journals : Indian – 56, Foreign : 24  
 (c) Total Number of Periodicals : 80  
 (d) Numer of titles added during the year: 1266

8. Grants Received From : Nil

- (a) State Government  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

9. Projects Undertaken : Nil

10. Seminars Conducted

- (a) State Level : Seminar on Practical Examination in Community Medicine. Members of 17 medical colleges participated Seminar on UNICEF sponsored on Timely achievement of targets related to MCH in MDGs in Kerala and public health on 22.10.2011
- (b) National Level : Nil
- (c) International Level : Nil
- 11. Seminars Conducted by Faculty** : Nil
- 12. Publications by the Faculty with Impact factor of the Publications** : Nil
- 13. Research Highlights of Faculty/Scholars** : Nil
- 14. Academic Achievements** : Nil
- 15. Student Achievements - Academic** : Nil
- 16. Students Activities/ Achievements –(Extra Curricular)**
- (a) National Cadet Crops : Nil
- (b) National Service Scheme : Nil
- (c) Arts Festivals:
- First in Mehandi Competition by Fathima, Gifty and Anjana
- Second in Bharatnatyam by Anusree S
- Second prize in Violin by Miss. Anjana Venkatesh
- Second prize in English recitation by Miss. Archu M J
- Third prize in Kerala Nadanam by Miss. Lekshmi
- Third in Dumb Charade by Miss. Jesna Sivakumar, Chithra and Greeshma
- Third prize in classic solo by Mr. Arun Ravindran
- Our student Mr. Eby P. Baby is selected as “Best Actor”.
- (d) Sports
- (e) Games
- 17. Industry Varsity Linkage** : Nil
- 18. Academic Tie-Ups ( if any )** : Nil
- 19. Student Progression** : Nil
- 20. Campus Recruitment ( if any )** : Nil
- 21. Number of PhD’s Produced** : Nil
- 22. Research Scholars Registered in the College** : Nil
- 23. List of Research Guides in your College** : Nil

## DENTAL COLLEGES

### Annoor Dental College & Hospital Puthuapady, Perumattom, Muvattupuzha

**1. Name of the College** : Annoor Dental College & Hospital, Puthuapady  
(With e-mail and website) Email : annoordentalcollege@rediffmail.org  
Website : www.annoordentalcollege.com

**2. Name of the Principal** : Prof. Dr. B. R Naik

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	35	28	Nil	Nil	63
Non Teaching	11	51	Nil	Nil	62

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
	BDS	5		45	NA		-	-		NA	-

### 5. Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appare		Passe		M. Phil	Appeared		Passe		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BDS Part II	11	20	10	17	NA					NA					NA				

6. Details of Tests cleared by Students (if any) : Nil

### 7. Library

- (a) Total Number of Books : 2085  
 (b) Total Number of Journals : 1601  
 (c) Total Number of Periodicals : 6  
 (d) Additions during the period : 202

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

### 9. Projects Undertaken

- (a) Regular Dental Camps organized in Rural areas  
 (b) Conducted Regular School Dental Health Programmes  
 (c) Conducted Health Exhibition to Oral Health  
 (d) Regular in house CDE Programmes

10. Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

### 12. Publications by the Faculty with Impact factor of the Publications

Faculty published articles with respect to their speciality in National and International Journals with special focus on research

13. Research Highlights of Faculty/Scholars : Nil

### 14. Academic Achievement

Awaiting Central Govt. approval to start PG programme in a Couple of specialities in the Academic year 2012 -13

### 15. Student Achievements / Academic

Secured the First Rank in the First BDS Examination conducted by Kerala University of Health Sciences, Thrissur for the academic year 2010 -11

### 16. Students Activities/ Achievements –(Extra Curricular)

- (a) National Cadet Crops : Nil  
 (b) National Service Scheme : Nil  
 (c) Arts Festivals : Regular in house programmes are conducted  
 (d) Sports : In house competitions conducted for both sports and Games  
 (e) Games : In house competitions conducted for both sports and Games

17. Industry Varsity Linkage (If any) : Nil

18. Academic Tie-Ups ( if any ) : Tie up with Govt. Taluk Head Quarters Hospital for better exposure to students

### 19. Student Progression ( Brief about the past students )

Majority of the students after Graduation are joined for Post Graduation and one among them cleared the Kerala Dental PG Exam

20. Campus Recruitment ( is any ) : Nil

21. Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your College : Nil

## Indira Gandhi Institute of Dental Sciences, Nellikuzhi, Kothamangalam

1. Name of the College (with e-mail and website) : Indira Gandhi Institute of Dental Sciences  
 E-mail: [dental@igmt.org](mailto:dental@igmt.org)  
 Website: [www.igids.org](http://www.igids.org)
2. Name of the Principal : Dr. K Ambika

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	53	26			79
Non-Teaching	53	58			111

### 4. Course Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BDS	50										

5. Students Intake : Course not Completed
6. Details of Tests cleared by Students : Nil
7. Library
- Total Number of Books : 1498
  - Total Number of Journals : 33
  - Total Number of Periodicals : 5
  - Number of titles added during the year : 700
8. Grants Received From : Nil
- State Government
  - Central Government
  - Others - Specify
9. Projects Undertaken : Nil
10. Seminars Conducted : Nil
11. Seminars Conducted by Faculty : Nil
12. Publications by the Faculty with Impact factor of the Publications : Nil
13. Research Highlights of Faculty/ Scholar : Nil
14. Academic Achievements : Nil
15. Students Achievements – Academic : Nil
16. Students Activities/Achievements – (Extra Curricular)
- National Cadet Crops
  - National Service Scheme
  - Arts Festival
  - Sports
  - Games
17. Industry Varsity Linkage : Nil
18. Academic Tie – Ups (if any) : Nil

19. **Students Progression** : Nil  
 20. **Campus Recruitment (if any)** : Nil  
 21. **Number of PhD's produced** : Nil  
 22. **Research Scholars Registered in the College** : Nil  
 23. **List of Research Guides in your College** : Nil

## Nursing Colleges(Unaided)

### Indira Gandhi College of Nursing Kadvanthra

1. **Name of the College** : Indira Gandhi College of Nursing, Kadavanthra  
 Email : [igcon.cochin@yahoo.com](mailto:igcon.cochin@yahoo.com)

2. **Name of the Principal** : Mrs. Fathima T.I

3. **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	14	1 (men)	-	18
Non Teaching	1	3	-	-	4

4. **Course offered with no.of seats:**

Undergraduate	No. of Seats
B.Sc Nursing	50 annual intake

5. **Student Intake**

Undergraduate	Appeared		Passed	
	M	W	M	W
B.Sc Nursing	2	20	2	20

6. **Details of Tests Cleared by Students** : Nil

7. **Library**

- (a) Total number of books : 2156  
 (b) Total number of Journals : 13  
 (c) Total number of Periodicals : 5  
 (d) Number of titles added during the year : 860

8. **Grants received from**

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Other Specify : Nil

9. **Projects undertaken**

Medical Camp and Health Exhibition

10. **Seminars Conducted** : Nil

11. **Seminars Conducted by Faculty** : Nil

12. **Publications by the Faculty with the impact factor of the Publications:** Nil

13. **Research Highlights of Faculty/Scholars:** Act as Research Guide for Undergraduate Program (5 groups of B.Sc Nursing students conducted research under the guidance of 5 expert personnel during the year 2011)

14. **Academic Achievements:** First batch of B.Sc Nursing students scored 100% passed with first class for IV Year B.Sc Nursing Exam

- 15. Student Achievements:** First batch of B.Sc Nursing students scored 100% passed with first class for IV Year B.Sc Nursing Exam
- 16. Student Activities / Achievements (Extra Curricular):** SNA meet every month which include one educational program. Participated in competition and won different prizes
- (a) **National Cadet Corps** : Nil
- (b) **National Service Scheme** : Nil
- (c) **Arts Festivals** : Conducted
- (d) **Sports** : Conducted
- (e) **Games** : Conducted
- 17. Industry Varsity Linkage** : Nil
- 18. Academic Tie-ups:** With Government Hospitals and Super Specialty Hospitals
- 19. Student Progression:** Only one batch is passed out and they are working in our parent hospital
- 20. Campus Recruitment** : Nil
- 21. Number of PhD's produced** : Nil
- 22. Research Scholars Registered in the College** : Nil
- 23. List of research Guides in your College:**
- c. Mrs. Fathima T I (For UG Programme)
- d. Sherly Thomas (For UG Programme)
- e. Pheba Ajith George(For UG Programme)
- f. Jincy John (For UG Programme)
- g. B. Angelin Christina (For UG Programme)

## LITTLE FLOWER COLLEGE OF NURSING, ANGAMALY, ERNAKULAM

**1. Name of the College :** LITTLE FLOWER COLLEGE OF NURSING, ANGAMALY (With e-mail and website)e-mail : [lfcon@rediffmail.com](mailto:lfcon@rediffmail.com)

**2.Name of the Principal** : Prof. Sr. Mary Ranita

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	-	27	-	-	27
Non Teaching	-	18			18

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
BSc Nursing	50										

### 5. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women
--

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Sc Nursing 1 <sup>st</sup> batch (2002-03)	04	46	04	46															
B.Sc Nursing 2 <sup>nd</sup> batch (2003-04)	10	40	10	40															
B.Sc Nursing 3 <sup>rd</sup> batch (2004-05)	08	42	08	42															
B.Sc Nursing 4 <sup>th</sup> batch (2005-06)	11	39	10	39															

**6. Details of Tests cleared by Students (if any) :** Nil

**7. Library**

- (a) Total Number of Books : 3023
- (b) Total Number of Journals : 21
- (c) Total Number of Periodicals : 7
- (d) Additions during the period : 516 books

**8. Grants Received From**

: Nil

- (b) State Government
- (c) Central Government
- (d) University Grant Commission
- (e) Others - Specify

**9. Projects Undertaken**

- (a) Conducted a research study to identify risk for cardiovascular disease among teenagers
- (b) Free medical camp with medical consultation by doctors of all departments and dispensing of medicines, diabetic screening, blood grouping and health exhibition every year.

**10. Seminars Conducted**

: Nil

**11. Seminars Conducted by Faculty**

: Nil

**12. Publications by the Faculty with Impact factor of the Publications :** Nil

**13. Research Highlights of Faculty/Scholars**

: Nil

**14. Academic Achievements**

: Nil

**15. Student Achievements - Academic:** Distinction – 2, First class - 39

**16. Students Activities/ Achievements – (Extra Curricular)**

- Students attended weekly clinical meeting, Conducted exhibitions and Seminars in connection with “international Brain Awareness”, “ORS Week”, “Maternity and Gynecology Nursing”, “World TB Day”, “World Aids Day”, “World Cancer day”, “World Health Day”, “Nurses day”, “World environment Day”, “World Breast feeding week” “World Mental Health day” “heart day”
- Participated in Eye Donation camp, pulse Polio immunization camp etc.
- Students had participated national workshops on Snakebite, international Orthopedic Seminar, National Seminar on Ophthalmology, Seminars on Obstetrics and Gynecology.

(a) National Cadet Corps

(b) National Service Scheme

(c) Arts Festivals

SNA Zonal cultural and educational competitions of May 2009 held at MOSC, Kolenchery and Sanjoe CON Perumbavoor students bagged prizes for Pencil Drawing, On the spot painting, Elocution, Essay Writing, Mime show, Bhaata Natyam and Mono Act, quiz programme etc.

Won 1<sup>st</sup> prize in Mime competition in connection with World Aids

Day Won prize for light music competition – National level.

(d) Sports

2009 May 15-16 – SNA State competition held at Thiruvananthapuram Chandraseksharan Nair Stadium – our students participated and won prizes for 100 mts Race, 200 mts Race, Javelin Throw.  
(e) Games: Many time prize winners for chess and caroms at zonal and state level competitions.

**17. Industry Varsity Linkage (If any) :** Nil

**18. Academic Tie-Ups ( if any ) :**

- For B.Sc Nursing training programme clinical tie ups with
1. Kusumagiri Mental Hospital, Kakkanad (mental Health)
  2. S H Hospital Paynkulam – (Mental Health)
  3. Paalana Hospital, Palakkad (Pediatric Nursery)
  4. Carithas Hospital, Kottayam (oncology)
  5. MJKM Cancer Research centre, Cherthala (Oncology)
  6. Lisie Hospital , Ernakulam (Cardiothoracic Surgery)
  7. St.John of God Special Scholl (Mental Health)
  8. CMC Marian Hospice, Nedumbassery (Old age care)

**19. Student Progression (Brief about the past students):**

Examination:

Batch	Year of Examination	No. of students Appeared	Students passed
2002-03 (1 <sup>st</sup> batch)	2006	50	50
2003-04 (2 <sup>nd</sup> batch)	2007	50	50
2004-05 (3 <sup>rd</sup> batch)	2008	50	50
2005-06 (4 <sup>th</sup> batch)	2009	50	49
2006-07 (5 <sup>th</sup> batch)	2010	50	Result awaited

**20. Campus Recruitment ( is any )** : Nil

**21. Number of PhD's produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College** : Nil

## MAR BASELIOS COLLEGE OF NURSING, Kothamangalam

**1. Name of the College** : MAR BASELIOS COLLEGE OF NURSING,  
(With e-mail and website) : [mbcnklm@gmail.com](mailto:mbcnklm@gmail.com), [www.mbcn.edu.in](http://www.mbcn.edu.in)

**2. Name of the Principal** : Prof. Theyamma Joseph

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	35	1		41
Non Teaching	4	11	2		17

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Sc Nursing	0	60	M.Sc Nursing	1	15						

**5. Student Intake**



Intake , those Appeared in the Examination and Passed M-Men, W-Women															
	M	W	M	W		M	W	M	W		M	W	M	W	

**6.Details of Tests cleared by Students**

**7.Library**

- (a) Total Number of Books : 3476
- (b) Total Number of Journals : 18
- (c) Total Number of Periodicals : 2
- (d) Numer of titles added during the year : 183

**8.Grants Received From : Nil**

- (a) State Government
- (b) Central Government
- (c) University Grant Commission
- (d) Others - Specify

**9.Projects Undertaken : Nil**

**10.Seminars Conducted : Nil**

**11. Seminars Conducted by Faculty : Nil**

**12.Publications by the Faculty with Impact factor of the Publications : Nil**

**13.Research Highlights of Faculty/Scholars : Nil**

**14.Academic Achievements : Nil**

**15.Student Achievements – Academic : Nil**

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		Phil	Appeared		Passed	Ph. D	Appeared		Passed
	M	W	M	W		M	W	M	W		M	W			M	W	
IV Yr. B.Sc (N)	10	39	10	33	II yr. M.Sc (N)	-	-	-	-								
III Yr. B.Sc (N)	4	24	3	22	I Yr. M.Sc (N)	2	12	0	8								
II yr. B.Sc (N)	0	30	0	26													
I Yr. B.Sc (N)	0	60	0	30													

: Nil

**16.Students Activities/ Achievements –(Extra Curricular)**

**SNA:** The Student Nurses Association offers a developmental platform at unit, zonal, state and national level. Students are encouraged to take active participation in all activities. Current year witnessed Mar Baselios College of Nursing students participation in various events at unit, zonal and

state level competitions and at National conference held at Bangalore. The Mar Baselios College of Nursing students bagged several prizes and certificates for various competitions in arts, sports and scientific presentation. Mar Baselios College of Nursing was crowned overall championship for Central Zone B for both sports as well as cultural.

(a) National Cadet Corps

(b) National Service Scheme

(c) Arts Festivals

(d) Sports

(e) Games

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups ( if any )** : Nil

**19. Student Progression** : Nil

**20. Campus Recruitment ( if any )** : Nil

**21. Number of PhD's Produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College** (With e-mail and website)

- a) Prof. Theyamma Joseph
- b) Mrs. Airin C Paulose
- c) Ms. Cicily Joseph
- d) Mrs. Gisha Jose
- e) Mrs. Amrutha H Krishnan
- f) Mrs. Preeti Mathew
- g) Mrs. Mary Elizabeth John
- h) Mrs. Mariamma Gheevarghese
- i) Mrs. Chithra M
- j) Mrs. Jenny Thomas
- k) Mrs. Daisy V.T

**Medical Trust College of Nursing**  
**HOC Town ship back side road, Irimpanam, Ernakulam**

1. **Name of College** Medical Trust College of Nursing  
 e- mail : medtrust@vsnl.com  
 Website : www.medicaltrusthospital.com/medical-trust-college-of-nursing
- Name of the Principal** Prof. Anuji Mary Philip

2. **Staff Profile**
- 3.

	Men	Women	Scheduled caste	Scheduled tribe	Total
Teaching	0	25	1	NIL	25
Non teaching	10	9	NIL	NIL	19

**4. Courses offered with number of seats**

Under graduate	No. of seats		Post graduate	No. of seats		M. Phil	No. of seats		Ph.D	No. of seats	
	M	W		M	W		M	W		M	W
B.Sc Nursing			M.Sc Nursing			-			NIL		
1 <sup>st</sup> year	0	60	1 <sup>st</sup> year	0	5						
2 <sup>nd</sup> year	1	58	2 <sup>nd</sup> year	0	5						
3 <sup>rd</sup> year	2	47									
4 <sup>th</sup> year	1	49									
P.B. B.Sc Nursing											
1 <sup>st</sup> year	2	26									
2 <sup>nd</sup> year	0	29									

**5. Student intake**

Intake, those appeared in the examination and passed M-Men, W-women																					
Under Graduate	Appeared		Passed		Post graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed			
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W	M	W
B.Sc Nursing	65	183	65	183	--					--					--						

**6. Details of tests cleared by students : Nil**

**7. Library**

- a) Total number of books : 2345  
 b) Total number of journals :16  
 c) Total number of periodicals : 2  
 d) Number of titles added during the year : 209 (2011 – 12 year including complementary copies)

**8. Grants received from**

- a) State government : Nil  
 b) Central government : Nil  
 c) University grant commission : Nil  
 d) Others – specify : Nil

**9. Projects undertaken** : Nil

- 10. Seminars conducted** : State level: Workshop on Evaluation methodology,  
 Workshop on Innovative teaching strategies for faculty and M. Sc Nursing students in Kerala

- b) National level : Nil  
 c) International level : Nil

**11. Seminars conducted by faculty** (Name wise-with details)

- a) State level : Nil  
 b) National level :

Name	Designation	Specialty	Topic	Organized by
Ann Merrin George	Lecturer	Community health Nursing	Oral presentation on – Global warming is one of the greatest threat to our planet.	56 <sup>th</sup> Annual national Conference of Indian Public Health Association Kerala state branch

- c) International level : Nil

**12. Publications by the faculty with impact factor if the publications** : Nil

- 13. Research highlights of faculty/scholars** : Nil

- 14. Academic achievements** : Nil

- 15. Student achievements** : Nil

**16. Student activities / achievements – (extra curricular):** Nil

- a) National Cadet Corps : Nil

- b) National Service Scheme : Nil

- c) Arts festivals: Secured II prize in Mono Act in State level SNA competition

- d) Games: Participated in Discuss throw, long jump, 100 meters relay male and female in state level SNA competition

- 17. Industry varsity linkage** : Nil

- 18. Academic tie ups** (If any) : Nil

- 19. Student progression** : Nil

- 20. Campus recruitment** (If any) : Nil

- 21. Number of Ph. D's produced** : Nil

**22. Research scholars Registered in the College:** Nil

**23. List of Research Guides in your College** ( With e-mail and website)

Approved guides for Post graduate Nursing students by Kerala University of Health Sciences,

Thrissur 1. Prof. Anuji Mary Philip

Email : [anujimaryphilip@yahoo.co.in](mailto:anujimaryphilip@yahoo.co.in)

2. Mrs. Maya P. Joseph

Email : [mcheriyamulla@yahoo.com](mailto:mcheriyamulla@yahoo.com)

3. Mrs. Veena R.

Email : [veenasuku99@yahoo.co.in](mailto:veenasuku99@yahoo.co.in)

4. Mrs. Jisha Jose M.

Email : [jishaullas@yahoo.co.in](mailto:jishaullas@yahoo.co.in)

## Malankara Orthodox Syrian Church College of Nursing, Kolenchery

**1. Name of the College** : Malankara Orthodox Syrian Church College of Nursing, Kolenchery  
(With e-mail and website) E-mail address : [conmoskol@gmail.com](mailto:conmoskol@gmail.com)  
Website : [www.moscmm.org](http://www.moscmm.org)

**2. Name of the Principal** : Prof. Susamma Thomas

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	24	Nil	Nil	27
Non Teaching	5	10	Nil	Nil	15

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
Final B.Sc. (2007 Batch)	1	49	Nil			Nil			Nil		
4 <sup>th</sup> B.Sc. (2008 Batch)	1	49									
3 <sup>rd</sup> B.Sc. (2009 Batch)	-	49									

### 5. Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
4 <sup>th</sup> B.Sc. (2007 Batch)	-	43	Exam going on		Nil					Nil					Nil				
3 <sup>rd</sup> B.Sc. (2008 Batch)	1	44	Result waiting		Nil					Nil					Nil				
1 <sup>st</sup> B.Sc. (2009 Batch)	-	49	-	24	Nil					Nil					Nil				

**6. Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 3185  
 (b) Total Number of Journals : 21 (Indian – 16, Foreign – 5)  
 (c) Total Number of Periodicals : 4  
 (d) Number of titles added during the year : 12

## 8. Grants Received from

The following students from our college have secured scholarship from the Directorate of Collegiate Education (ANNEXE), Thiruvananthapuram for academic performance.

1. Ms. Aswathy K. Ponnattu
2. Ms. Binu Babu
3. Ms. Emy Abraham
4. Ms. Jimi Jose
5. Ms. Lintu Abraham

## 9. Projects Undertaken

Physicians for Peace - an international, non-profit, medical education organization dedicated to building peace and international friendships in developing nations around the world.

As a part of their humanitarian missions around the globe, the team led by the famous neonatologist and current chair of the PFP, Prof. Edward Karotkin, visited M.O.S.C. Medical College Hospital, Kochi from 11<sup>th</sup> November 2011 to 18<sup>th</sup> November 2011. The visit was facilitated by the management and the Department of Neonatology, M.O.S.C. Medical College Hospital.

Besides Prof. Karotkin, the team included

1. Dr. Bonnie Dattel (Ob & G)
2. Dr. Diana Behling (Nursing)
3. Mr. J. Porter (EMS)
4. Ms. Laura (Administrator, PFP)
5. Mrs. Betsy Karotkin

## 10. Seminars Conducted : Nil

## 11. Seminars conducted by Faculty : Nil

## 12. Publications by the Faculty with Impact factor of the Publications (A Short Discription)

- a. Name of the Publisher : Mrs. Susamma Thomas.  
Principal, M.O.S.C. College of Nursing, Formerly Clinical Midwife Manager, Rotunda Hospital, Dublin, Ireland.  
Computer Based Patient Education, Kerala Nursing Forum. The Official Journal of Trained Nurses Association of India, Kerala Branch, Vol. 5 : No.3, July – September 2010 Page No. 34 to 39 .
- b. Name of the Publisher : Mrs. Renju Sussan Baby, Assistant Professor, M.O.S.C. College of Nursing, Kolenchery.  
Textbook  
Titled Substance use disorder-Manual for nursing personel, Chapter – Special topics- care in general Medical and surgical units and pain management, Page No. 182 to 194
- c. Name of the Publisher : Mr. Prashanth P.V., Senior Lecturer, M.O.S.C. College of Nursing, Kolenchery.  
Journal  
Effectiveness of structured teaching programme on knowledge regarding bronchial asthma and its management among mothers of asthmatic children. [2011].International Journal of Nursing Education, Vol. 3, No.1., Page No. 74 to 77.

### **Paper Presentation**

Mrs. Renju Sussan Baby, Assistant Professor, Department of Psychiatric Nursing will present a paper on “*Assessment of attitude towards suicide and suicide attempter among nursing students and registered nurses of a medical college hospital in kerala*” at the 10<sup>th</sup> National Psychiatric Nursing Conference of ISPN at Himalayan College of Nursing, Dehradun.

### **Presentation**

Every month, the faculty of M.O.S.C. College of Nursing regularly conduct Journal Club presentations on topics of professional significance.

## 13. Research Highlights of Faculty / Scholars

- a. Mrs. Renju Sussan Baby, Assistant Professor  
National Consortium for PhD in Nursing by Indian Nursing Council affiliated to RGUHS, Karnataka  
Research Topic: Assessment of functional outcome parameters and risk factors for relapse

- among patients with substance used disorder with and without psychiatric comorbidity.
- b. Mrs. Soney M. Varghese, Senior Lecturer  
 Annamalai University, Chidambaram  
Research Topic: Study to assess the effectiveness of Nurse led interventions and laughter therapy on psychosocial aspects among elderly.
- c. Mrs. Namitha Subrahmanyam, Senior Lecturer  
 National Consortium for PhD in Nursing by Indian Nursing Council affiliated to RGUHS, Karnataka  
Research Topic: A study to evaluate the effectiveness of interventional package on menopause related problems and quality of life among perimenopausal women in Kerala.

**16. Academic Achievements :** Nil

**17. Student Achievements – Academic :** Nil

**18. Students Activities / Achievements**

1. National Cadet Crops : Nil

2. **National Service Scheme (N.S.S.)**

NSS unit of M.O.S.C College of Nursing organized an essay writing competition for NSS volunteers.

A manuscript magazine in the name of “mayilpeeli” was released along with N.S.S day celebration.

Alzheimer’s day observation

N.S.S. unit of M.O.S.C. College of Nursing observed Alzheimer’s day on 21- 9-2011 by pasting posters on streets and college campus.

AIDS day observation

The N.S.S. unit organised AIDS awareness rally in Vadavucode. The volunteers also distributed leaflets about prevention and management of AIDS.

Orphanage programme

NSS unit of M.O.S.C College of Nursing conducted an orphanage visit and free distribution of study materials in morning star children home, Vadavucode. The unit also arranged a Christmas celebration on 10- 12- 2011 along with adolescent educational programme in the children home.

Health educational programme

The NSS unit of M.O.S.C. College of Nursing organised many health educational programmes in Vadavucode. It mainly focused on life style changes and impacts on health.

3. **ARTS FESTIVELS, SPORTS AND GAMES**

The college strives to serve as an outlet for the students to showcase their talents and creativity.

**Student Nurses Association (SNA)**

Student Nurses Association, a nation wide organisation of nursing students formed to facilitate their all round development and to bring out competent nurses. The SNA unit of the college is one single platform for the students to develop their organising abilities, leadership skills and above all to display their talents in arts, sports and educational events by organising unit, Zonal and state level competitions for the young student nurses.

**College Day**

The college celebrates its annual college day every year with great enthusiasm and extravaganza. It is a day with the staff and the students enjoy and have fun with splendid display of their creative abilities.

**Other activities**

The college also celebrates special days like World Health Day, Nurses Day, AIDS day, Republic Day, Independence day, Onam and Christmas etc. by organising various events life awareness programmes, cultural evenings, exhibitions etc. We also conduct workshops, conferences, paper presentations, journal club etc. for the students as well as staff.

***World Sight Day***

**19. Industry Varsity Linkage (If any, Short Discription) :** Nil

**20. Academic Tie-Ups (if any)**

We have tie up with St. Gregorios Cardiac Vascular Centre, Parumala, Caritas Hospital, Kottayam and Amala Cancer Hospital and Research Centre, Trichur for external clinical posting. Students are being sent for various health agencies, rehabilitation centers, occupational Health Service Centers, Leprosy Sanitariums, Water Purification Plant, Sewage Treatment plant, Milma etc. as part of their curriculum requirement.

21. Student Progression : Nil  
 22. Campus Recruitment (if any) : Nil  
 23. Number of PhD's Produced : Nil  
 24. Research Scholars Registered in the College : Nil  
 25. List of Research Guides in your College : Nil

## Sidhi Sadan College of Nursing, Thrikkakara

1. Name of the College (with e-mail and website) : Lourdes College of Nursing Sidhi Sadan  
 e-mail : lourdescon@vsnl.net  
 Website : www.lourdescollegeofnursing.com

2. Name of the Principal : Sr. Suma Kuttickal

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	31	-	-	32
Non Teaching	5	9	-	-	14

**4. Courses offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Sc Nursing	50										
Post Basic B.Sc Nursing	30										

**5. Student Intake**

Intake, those Appeared in the Examination and Passed M-Men,W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
I Year B.Sc Nsg	2	48	1	35															
II Year B.Sc Nsg	3	33	3	31															
III Year B.Sc Nsg	4	34	4	33															
IV Year B.Sc Nsg	4	45	4	45															
I PB.B.Sc Nsg																			
II PB. B.Sc Nsg		30		30															



- 6. Details of Tests cleared by Students** : Nil
- 7. Library**
- (a) Total Number of Books : 3513
- (b) Total Number of Journals : 19
- (c) Total Number of Periodicals : 10
- (d) Number of titles added during the year : 100
- 8. Grants Received From** : Nil
- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others - Specify : Nil
- 9. Projects Undertaken** : Nil
- 10. Seminars Conducted** : Nil
- 12. Publications by the Faculty with Impact factor of the Publications** : Nil
- 13. Research Highlights of Faculty/Scholars** : Nil
- 14. Academic Achievements (A Short Description)** : Nil
- 15. Student Achievements - Academic (A Short Description)** : Nil
- 16. Student Activities/Achievements - (Extra Curricular) : ANNEXURE I**
- (a) National Cadet Corps
- (b) National Service Scheme
- (d) Sports
- (e) Games
- 17. Industry Varsity Linkage (if any, Short Description):** Nil
- 18. Academic Tie-Ups (if any)** : Nil
- 19. Student Progression** : Nil
- 20. Campus Recruitment (if any)** : Nil
- 21. Number of PhD's Produced** : Nil
- 22. Research Scholars Registered in the College** : Nil
- 23. List of Research Guides in your College ( With e-mail and website)**
1. Sr. Suma Kuttikal - Recognized by RGUHS. E-mail: sumakuttikal@yahoo.co.in

## ANNEXURE I

### SNA Activities 2010-11

#### SNA ELECTION:

SNA Election took place in a General Body Meeting.

15<sup>th</sup> November 2010 - SNA handing over ceremony to new office bearers.

26<sup>th</sup> January 2011 - SNA conducted Republic Day Celebration with flag hoisting.

11<sup>th</sup> February 2011 - Lourdes Hospital Day. It was an oblige day staff and students attended the Mass, Procession and dinner.

#### COLLEGE DAY ( SIDHIBEATS 2011)

12th May 2011 -Students and staff celebrated college day enthusiastically Rev. Msgr. Alex Vadakumthala, Vicar General, Archdiocese of Verapoly was the chief guest. Various Cultural Programmes were organized by the students. It was an occasion of get together for parents, staff and students.

#### EDUCATIONAL AND EXTRACURRICULAR ACTIVITIES

SNA unit of our college is activity organizing educational and extracurricular programmes every month last Friday . Each batch organizes educational programmes on various topics. All other Fridays are exclusively spent for organizing extracurricular programmes music class and dance class etc.

#### EDUCATIONAL PROGRAMME

9<sup>th</sup> March 2011 - An educational programme on “anxiety during pregnancy” by 3<sup>rd</sup> Year GNM.

10<sup>th</sup> May 2011 - An educational programme on the theme “Improving Nursing practice intellectually, emotionally and spiritually” headed by Sr. Loredhana Korah, former Principal.

12<sup>th</sup> August 2011 - A student welfare programme on “ Road Safety Rules and Regulations” by road traffic circle inspector Mr. Jeevanand.

**SNA EXTRA CURRICULUAR ACTIVITIES AND CELEBRATIONS**

1<sup>st</sup> September 2011 - Onam was celebrated with great joy, Onam pattu, Thiruvathirakali, Onam Sadaya and Athapookalam were the highlight.

1<sup>st</sup> September 2011 - Teacher’s day was celebrated students treated all the teachers with a Rose flower and song.

7<sup>th</sup> October 2011 - Ecology day was celebrated.

21<sup>st</sup> October 2011 - New students of Sidhi Sadan were welcomed to the garden of Sidhi Sadan which was a platform for exhibiting. their talents.

28<sup>th</sup> October 2011 - Fund raising for mission Sunday.

21<sup>st</sup> December 2011 - Christmas celebration was conducted with great joy and celebration of sharing and love.

**SNA COMPETITION AT UNIT, ZONAL AND STATE LEVEL**

**UNIT LEVEL COMPETITION**

12<sup>th</sup> March 2011- SNA conducted sports meet. Very Rev. Msgr. George Veliparambil was the Chief guest of the day.

6<sup>th</sup> May 2011 - SNA conducted cultural competition focusing on the overall development of the student.

**ZONAL LEVEL COMPETITION**

28<sup>th</sup> May 2011 and 20<sup>th</sup> June 2011 - Students participated in the Zonal Level sports and arts Competition and bagged many prizes.

**STATE LEVEL COMPETITION**

30<sup>th</sup> May 2011 and 25<sup>th</sup> June 2011 - Students participated in SNA State Level Sports and Arts Competition and won several prizes.

**MAJOR ACHIEVEMENTS**

GNM and B.Sc students of our institution bagged 1<sup>st</sup> and 3<sup>rd</sup> prize for the QRS Quiz conducted by Indian academy of Pediatrics at General Hospital, Ernakulam.

This year also our college secured overall championship at the Central Zone Level.

**St.Joseph’s college of Nursing, Dharmagiri, Kothamangalam**

**1.Name of the College** (With e-mail and website) : St.Joseph’s college of Nursing, Dharmagiri  
[email: sjcdharmagirio7@yahoo.co.in](mailto:sjcdharmagirio7@yahoo.co.in)  
 Website: www.stjosephscollegeofnursing.org

**2.Name of the Principal** : Sr.Ivan

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	30	-	-	31
Non Teaching	5	7	-	-	12

**4.Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Sc Nursing (Basic)	1	209	M.Sc. Nursing	1	11	-			-		
B.Sc Nursing (Post Basic)	-	30									

## 5.Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed																		
	M-Men, W-Women				Post Graduate	M-Men, W-Women				M. Phil	M-Men, W-Women				Ph. D	M-Men, W-Women			
	Appeared		Passed			Appeared		Passed			Appeared		Passed			Appeared		Passed	
M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W		
Basic B.Sc. Nursing	3	46	3	46	-					-									

6.Details of Tests cleared by Students : Nil

## 7.Library

- (a) Total Number of Books : 4932  
 (b) Total Number of Journals : 23  
 (c) Total Number of Periodicals  
 (d) Numer of titles added during the year

## 8.Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify

9.Projects Undertaken : Nil

10.Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

12.Publications by the Faculty with Impact factor of the Publications:

Nil 13.Research Highlights of Faculty/Scholars: Registered for PHD

14.Academic Achievements : Nil

15.Student Achievements – Academic: 3<sup>rd</sup> rank in the M.G. University final B.Sc. Nursing bbnb Examination

16.Students Activities/ Achievements –(Extra Curricular)

- (a) National Cadet Crops : Nil  
 (b) National Service Scheme : Nil  
 (c) Arts Festivals: 1<sup>st</sup> position in “ on the spot painting ” at State & National level  
 (d) Sports : Individual champion girls at State level  
 (e) Games

17.Industry Varsity Linkage : Nil

18.Academic Tie-Ups ( if any ) : Nil

19.Student Progression : Nil

20.Campus Recruitment ( if any ) : Nil

21.Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23.List of Research Guides in your College (With e-mail and website) : Nil

# ALLIED MEDICAL COURSES (UNAIDED)

**Little Flower Institute of Medical Sciences & Research,  
 L.F.Hospital & Research Centre, Angamaly**

1. Name of the College (With e-mail and website): Little Flower Institute of Medical Sciences & Research,  
 L.F.Hospital & Research Centre, Angamaly .

E-mail: [limsarangamaly@gmail.com](mailto:limsarangamaly@gmail.com) Website: [www.limsar.in](http://www.limsar.in)

**2. Name of the Principal**

: Dr.J.K.Mukkadan,Ph.D,FICN,FACN

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	12	23	-	-	35
Non Teaching	1	3	-	-	4

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
BPT	30		M.Sc. Medical Physiology	10					Physiology	8	
			MHA	20							

**5. Student Intake** : Nil (College is re-affiliated to KUHS)**6. Details of Tests cleared by Students** : Nil**7. Library**

(a) Total Number of Books : 4508

(b) Total Number of Journals : 62

(c) Total Number of Periodicals : 2

(d) Number of titles added during the year : 1

**8. Grants Received From**

(a) State Government : SC/ST grants

(b) Central Government : Nil

(c) University Grant Commission : Nil

(d) Others - Specify : Nil

**9. Projects Undertaken**

(a) Evaluation of Allocentric Spatial learning in Rats using a Novel "Alternated Dual Task" (b)Effects of scopolamine on a novel alternated dual task

(c)Effect of Methylphenidate on enhancement of spatial learning by novel Alternated Dual Task

(c)Effect of Methylphenidate on enhancement of spatial learning by novel Alternated Dual Task

**10. Seminars Conducted**

(a) State Level

(b) National Level : International Brain Awareness Week - 2011

(c) International Level

**11. Seminars Conducted by Faculty** (Name wise –with details) : Nil**12. Publications by the Faculty with Impact factor of the Publications** : Nil**13. Research Highlights of Faculty/Scholars** : Organized seminars, CME and awareness programme**14. Academic Achievements** : Published papers**15. Student Achievements - Academic** : Ph.D obtained for two**16. Students Activities/ Achievements** –(Extra Curricular)

(a) National Cadet Crops : Nil

(b)National Service Scheme : Nil

(c) Arts Festivals : Organized

(d) Sports :

(e) Games :

**17.Industry Varsity Linkage** : Nil**18.Academic Tie-Ups ( if any )** : Nil**19.Student Progression** : Nil**20.Campus Recruitment ( if any )** : Nil**21. Number of PhD's Produced** : Two

**22. Research Scholars Registered in the College**

Sl.No	Name of Research Scholar	Title	Name of Guide
1	Ms. Smitha.K.K		Dr.J.K.Mukkadan
2	Ms. Dona.P.George		Dr.J.K.Mukkadan

**23. List of Research Guides in your College** (With e-mail and website)

Dr.J.K.Mukkadan  
 Research Director,  
 Little Flower Medical Research  
 Centre Angamaly - 683572  
 E-mail: [drmukkadan@sify.com](mailto:drmukkadan@sify.com)  
 Website: [www.limsar.in](http://www.limsar.in)

# PATHANAMTHITTA ARTS AND SCIENCE COLLEGE (AIDED)

## S.A.S S.N.D.P Yogam College Konni

1. Name of the College (With e-mail and website): S.A.S S.N.D.P Yogam College Konni

[sassndpyogamcollegekonni@gmail.com](mailto:sassndpyogamcollegekonni@gmail.com), [www.sascollegekonni.in](http://www.sascollegekonni.in)

2. Name of the Principal : Prof: P.K.MOHANARAJ

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	13	15	NIL	NIL	28
Non Teaching	11	6	NIL	NIL	17

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		Post Graduate	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
BBA	72	110	M.Sc C.S	5	27	M.Com	9	40			
BCA	72	111	M.Sc Physics	10	16						
B.Com C.A	67	132	M.Sc B.T	2	16						

**5. Student Intake**

Intake, those Appeared in the Examination and Passed M-Men, W-Women														
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W
BBA	29	31	5	15	M.Sc C.S	-	15	-	12	M.Com	10	15	9	15
BCA	20	48	10	18	M.Sc Physics	6	10	4	8					
B.Com C.A	30	34	10	30	M.Sc B.T	-	6	-	4					

**6. Details of Tests cleared by Students** : Nil

**7. Library**

(a) Total Number of Books : 5200  
(b) Total Number of Journals : 16  
(c) Total Number of Periodicals : 40  
(d) Number of titles added during the year : 125

**8. Grants Received From**

(a) State Government : 1162870/-  
(b) Central Government : Rs.25624/- (NCC)  
(c) University Grant Commission : Rs.5461200/-  
(d) Others – Specify : Rs.698400/- (H.Edn Scholar ship)  
Rs.15000/- (Suvarna Jubilee Scholar Ship) Rs.238303/-

**9. Projects Undertaken**

(a) Indu C Nair(Assistant prof. Biotechnology ) – UGC Minor Project (2011 – 12) Screening of microorganisms for the production of polyhydroxi butyrate.  
(b) Krishnakumari.K(Associate prof., Dept. of Statistics) - MRD(S) -1038/10-11/KLMGO72/UGC-SWRO – Minor Research Project in Science entitled “ A critical evaluation of the National Rural Health Mission – 2005-12 in Pathanamthitta district of Kerala”.

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** : Nil

**13. Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

**Suleena.K** (Assistant prof. of Computer Application) – Presented and published a paper on Morphology & finite state transducers at the UGC sponsored National seminar on Cyber Criminology from march 3,4 2011 with ISBN No 978-81-909720-4-8.

Bindhu Prabha (Assistant prof. of Computer Application)- Presented and published a paper on Protein extraction using Neuro Fuzzy at the UGC sponsored National seminar on march 3 2011 organized by Dept of Computer Application BPC College Piravam it was published with ISBN No 978-81-909720-4-8 Indu C Nair ( Assistant prof. of Biotechnology) 1) Chromobacterium violaceum : A potential strain for phenol degradation:Sreeja Narayanan,tintu prasad,Indu.C.Nair ,K.Jayachandran (Accepted:InterNational journal of Biotechnology)

(2)selective amplification of calchol 2,3 dioxygenase in a phenol degrading Alcaligenose sp/2.

Ashiq.M,indu.C.Nair,Jayachandran.K, Research journal of Biotechnology,2012communicated.

**14. Research Highlights of Faculty/Scholars (A Short Discription)**

Dr.Indu .C.Nair-A brief report of research work. A work on screening of m.o for the production of P H B is being carried out .A remarkable feature of these polymers is their biodegradability. Many micro organisms, are able to accumulate such compounds and once they are produced in large scale. They can be need for the industrial production of biodegradable plastics.

Rejimol.D (Associate Prof of Mathematics) Analys is of female age to marriage in Kerala (Paper to be submitted in 5 months)

**14. Academic Achievements (A Short Discription)**

Academic tie-up with TIME Pathanamthitta

Higher ranks in MCA Entrance examination in various Govt colleges.

Krishnakumari.K – a) Member of the board of the question paper setters in Biotechnology UG examinations conducted by University of Calicut in 2010.

b) Member of the board of the question paper setters in BSc- Biophysics examinations 2011 of University of Calicut.

c) Chief examiner in BBA – BCA examinations conducted by M G University.

**15. Student Achievements - Academic (A Short Discription)**

Sumesh kumar of 2008-2011 batch secured in 2<sup>nd</sup> Rank in BCA University examination.

**16. Students Activities/ Achievements – (Extra Curricular)**

**Dr.Indu.C.Nair -Involved in conducting seminar for women’s counseling cell.**

Renju Remanan of 3<sup>rd</sup> BCA particiated in the NSS National Youth festival at Karnadaka.

Amal Som of 3<sup>rd</sup> BCA won 1<sup>st</sup> prize in 800mts and 400mts in District Armature Athletic meet in January 2011 he qualified for University athletic meet. He was selected for Indian Football league for SBT team.

(a) National Cadet Crops

(b) National Service Scheme

2 Units, 2 Programme officer, each units consist of 50 students

Apart from the daily activities, 7day camps, seminars, the NSS units sent a student to participate in the national youth festival conducted at Karnadaka State.

(c) Arts Festivals

(d) Sports

Apart form regular activities students of our college participated in various sports and games competition held at District, State and University level. As in the previous years, this year we have represented 7 teams in various intercollegiate competitions organized by the university – they are Chess, Table Tennis, Cross country, Cricket, Shuttle Badminton, Hockey and athletics.

One of the remarkable achievements of out athlete during this year is Punnya Mohan of 3<sup>rd</sup> BBA secured Gold medal in the Kerala State Women Boxing Championship held at Kollam.

(e) Games

17. Industry Varsity Linkage : Nil

18. Academic Tie-Ups (if any)

Academic tie-up with TIME Pathanamthitta

19. Student Progression : Nil

20. Campus Recruitment (if any) : Nil

21. Number of PhD's produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College(With e-mail and website) : Nil

## St. Thomas College, Kozhencherry, Pathanamthitta

1. Name of the College (With e-mail and website): St. Thomas College, Kozhencherry.

www.stthomascollege.info

stthomaskozhy@gmail.com

2. Name of the Principal

: Prof. Alexander K. Samuel

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching (Permanent Faculty)	45	46	-	-	91
Jun. Lect.		3	-	-	3
Guest Lect.	1	8	-	-	9
Lecturers (Self-financing course)	2	4	-	-	6
Non Teaching	33	5	-	-	38

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
<b>BA</b>											
English	29	47		2	27						
Malayalam	33	52									
Hindi	8	30									
History	60	46									

Economics	82	86		4	25						
<b>B.Sc</b>											
Maths	43	75		2	24						
Physics	47	48		6	17				4	2	
Chemistry	28	48		1	16					1	
Botany	10	61		3	20				1		
Zoology	14	58		1	18				1	2	
Computer Science (Self-financing)	80	67									
<b>B.Com</b>				8	28				2	2	
Regular	90	84									
Vocational	51	50									

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women

Under Grad.	Appeared		Passed		Post Grad.	Appeared		Passed		M. Phil	Appeared		Passed		Ph.D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
Maths	9	15	1	10	Maths	3	13	1	7										
Physics	12	7	2	6	Physics	-	9	-	7										
Chemistry	6	15	7	1	Chemistry	2	7	1	1										
Botany	4	17	15	4	Botany	-	10	-	7										
Zoology	4	16	3	9	Zoology	-	8	-	7										
English	9	12	3	7	English	5	11	4	8										
Malayalam	3	17	3	15	Economics	2	9	-	2										
Hindi	3	10	3	8	M.Com	4	10	4	8										
History	13	23	6	19															
Economics	19	40	14	37															
B.Com (R)	31	23	24	21															
B.Com (Voc)	18	8	12	7															

### 6. Details of Tests cleared by Students

National Level	State Level
National Eligibility Test (NET & JRF)	State Eligibility Test (SET)
<b>English</b>	<b>English</b>
1. Parvathy Prasad	1. Shyama Rajagopal
2. Rehana K.R. (JRF)	
<b>Maths</b>	
1. Anu Susan Abraham (JRF)	
<b>Commerce</b>	
1. Stephy Mathew (JRF)	
2. Betty Mol Elizabeth Thamby	
3. Sandhya K R (JRF)	
4. Blessy A Varghese	

### 7. Library

(a) Total Number of Books	: 55925
(b) Total Number of Journals	: 30
(c) Total Number of Periodicals	: 50
(d) Number of titles added during the year	: 1108

### 8. Grants Received From

(a) State Government	: Nil
(b) Central Government	: Nil
(c) University Grant Commission (Grants received since January 2011)	



Special Scheme for construction of Women's Hostel : 20,00,000 (2<sup>nd</sup> Installment)  
 Additional Assistance to covered colleges : 22,50,000  
 UGC Network Resource Centre : 1,90,000  
 National Seminars  
 (English, Hindi, Economics, Maths, Zoology) : 57,50,000

Development of Sports infrastructure and equipments in Colleges : 2,40,774

Name	Title	Amount (Rs)	Dated by UGC
K C Zachariah	Optical and structural studies in thin films of cadmium selenide, Zinc selenide (Zuse) and on multilayer (Znse) thin films	74000	10.02.2011
Dr. K. Danielkutty	Survey identification, Conservation and propagation of rare, Endangered and emdeics medical plants of Ethno-Botanic importance in the Pampa river basin	100000	10.02.2011
Prasad Cherian	Study of Dynamics of continuous functions on Topological spaces	130000	10.02.2011
Dr. Anne Susan Koshy	The Career woman in Indian English women's fiction-A feminist perspective	115000	10.02.2011
Dr. K Mary Varghese	Management of Ginger from root-knot nematode infestation at Kozhencherry	105000	10.02.2011
Dr. Jinsu Varghese	Characterization of anti bacterial proteins from epidermal mucus of some selected telecast fish	100000	10.02.2011
Dr. Shirley Anne Oommen	Bioremediation of pesticides in soil using selected bacterial species	64500	10.02.2011
Dr. Jasy Thomas	Nutritional Evaluation and Biological efficiency of pleurotus Spp. On Mission Grass (Pennisetum Polystachion.Linn) as substrate	200000	03.11.2011
Jollyamma George	Problems and prospects of Eco-Tourism industry in Kerala with special reference to Thenmala	66000	08.01.2010
Dr. Oommen Zachariah	'Prospects and Problems of Rubber Wood Industry in Kerala in Comparison with Other Wood Based Industries	63000	08.01.2010
Prof. Thomas George & Prof. Shaju.K.John	Water Pollution And Its Impact On Rural Health - A Micro Analysis Based On River Pampa, Kerala,India'	60000	03.11.2011
Prof. Rony Thomas Rajan	Factors Influencing the Adoption of Medical Technology : A Case of Private Hospitals	50000	03.11.2011
Prof. Dr. Antony George	Competitiveness of Indian financial Market		
Dr. Philip Varghese (Porattoor)	Productivity performance of State level Public sector manufacturing units of Kerala	50000	30.03.2009
Dr. Asha Susan Jacob	The fictional canvas of K. Saraswathy Amma: The forgotten pioneer of feminism in Kerala	80000	30.03.2009
Dr. R.S. Sindhu	The effect of Yogasana and Meditation on selected physiological and psychological variables		

### 9. Projects Undertaken

#### MINOR PROJECTS FUNDED BY U.G.C

#### ENGLISH

**Dr. Asha Susan Jacob** : The fictional canvas of K. Saraswathyamma: the forgotten pioneer of feminism in Kerala completed in 2011

**Dr. Anne Susan Koshy**: The Career Woman in Indian English Women's Fiction- A Feminist Perspective since January 2011

## **ECONOMICS**

**Dr.Oommen Zachariah and Mr. Pius Joseph**, 'Prospects and Problems of Rubber Wood Industry in Kerala in Comparison with Other Wood Based Industries-A case Study of Wood Based Industrial units in Ernakulam District" sanctioned by UGC on 30<sup>th</sup> November 2009 completed in 2011

**Mrs. Jollyamma George and Mrs. Merry Zachariah** "Problems and Prospects of Eco-tourism Industry in Kerala with Special Reference to Thenmala", sanctioned by UGC on 30<sup>th</sup> November 2009 completed in 2011

## **ONGOING PROJECTS**

**Prof. Rony Thomas Rajan**- Minor Research Project on "Factors Influencing the Adoption of Medical Technology : A Case of Private Hospitals"

**Prof. Thomas George and Shaju.K.John**-Minor Research Project on 'Water Pollution And Its Impact On Rural Health - A Micro Analysis Based On River Pampa, Kerala,India',

## **MATHEMATICS**

**Prof. Prasad Cherian** : Minor Research project "Study of Dynamics of Continuous functions on Topological spaces"

## **BOTANY**

**Dr. K Danielkutty** : Survey, Identification Conservation of Rare, Endangered Medicinal plants of Ethnobotanical importance of the Pampa River basin of Pathanamthitta Dist. (ongoing)

**Dr. K Mary Varghese** : Management of Ginger from root-knot nematode infestation at Kozhencherry, Pathanamthitta Dist. (ongoing)

**Dr. Jasy Thomas** : Nutritional Evaluation and Biological efficiency of Pleurotous spp on Mission Grass (*Pennisetum polystachion* linns) as substrate (ongoing)

## **ZOOLOGY**

**Dr. Shirley Annie Oommen** – Study on the Bioremediation of Pesticides in Soil using Selected Bacterial Species

**Dr. Jinsu Varghese**-Characterization of Antibacterial proteins from the Epidermal Mucus of some selected Teleost Fishes.

## **COMMERCE**

**Prof.Dr.Antony George** : A minor project under the Financial Assistance of UGC entitled 'Competitiveness of Indian financial Market'

**Prof.Dr.Philip Varughese (Porottoor)**- A minor project under the financial assistance of UGC entitled "Productivity performance of state level public sector Manufacturing Units of Kerala".

## **MAJOR PROJECT FUNDED BY ISRO & DST**

## **PHYSICS**

**Dr. Ninan Sajeeth Philip:**

1. Completed the major project funded by **ISRO**. The funding was for 12.3 lakhs. The research has resulted in three international publications and has produced the largest catalogue of quasars and other point sources from the Sloan Digital Sky Survey. This catalogue is already in the public domain and is widely used by the astronomy community.
2. Has started the Virtual Observatory – India project[2011-14]. This is a collaborative project with IUCAA. The funding from **DST** is for 12.2 lakhs. Dr.Ninan Sajeeth Philip is one of the investigators mainly supervising the development and implementation of Machine Learning frame work in the new VO paradigm.
3. Has started the SALT – VO international project [2011-14]. This is a joint project supported by both Indian and South African government. The Indian funding is Rs. 1,720,000 and that of the South African Government is for RA. 468,000/-. Dr. Ninan Sajeeth Philip is one of the investigators for porting SALT observations to the VO framework.

**10.Seminars Conducted :**

## **NATIONAL SEMINAR FUNDED BY UGC**

## **ENGLISH**

The Postgraduate Department of English, St. Thomas College, Kozhencherry organized a UGC sponsored National Seminar on *Indian Literary Historiography and Counter Currents in Postcoloniality* on 27 and 28 September 2011. The seminar, inaugurated by Dr. G. N. Devy, Professor of Dhirubhai Ambani Institute of Information and Communication Technology in Gujarat, offered a platform to share ideas and concerns. Mini Krishnan, Editor, Translation, OUP, Chennai and Dr. Susie Tharu, Eminent Professor EFLU, Hyderabad were the other resource persons. The valedictory message was rendered by Dr. Saramma Varghese, former Principal of Catholicate College, Pathanamthitta. About 50 delegates from various universities of India presented scholarly papers in sessions chaired by renowned resource persons in the respective areas. About 150 delegates participated in the seminar. UGC has funded Rs. 1.5 Lakhs for the conduct of the National Seminar.

## **HINDI**

Department of Hindi organized a 2-day national seminar on 4<sup>th</sup> & 5<sup>th</sup> August 2011 with the support of UGC, based on the topic “Changing Dimensions of Hindi in the Information Technology Era”. It was inaugurated by Dr. Rajan Varghese, Pro- Vice Chancellor of M.G University. The meeting was presided over by Prof. Alexander K. Samuel, Principal of the college. HoD Prof. Elizabeth M. Ninan welcomed the gathering and Dr. Sheena Eapen convener of the seminar proposed the vote of thanks. The chief resource persons of the seminar were Dr. Kumud Sharma from Delhi university, Dr. Ravi Ranjan from Central university Hyderabad, Dr. T.K. Narayana Pillai from Central Hindi Institute Hyderabad, Prof. M.S Jayamohan from Hindi Vidyapeet Thiruvananthapuram & Dr. Sethunath R. from Calicut University. The chief guest of the valedictory function was Dr. N. Raveendranath former Pro vice Chancellor of M.G. University. Teachers and research scholars from various universities participated and presented papers on Impact of Technology on contemporary Hindi Literature, IT & Hindi Journalism, Computer & Hindi, Translation & Information Technology in Hindi fields etc. UGC has funded Rs. 90,000 for the conduct of the National Seminar.

#### **ECONOMICS**

Two day National Seminar on “Public Private Partnership in Health Care: A viable alternative or not” On 25 & 26 August 2011 (Sponsored by UGC for Rs 1,20,000) in association with NRHM, Kerala and Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram. UGC has funded Rs. 1.2 Lakhs for the conduct of the National Seminar.

The invited speakers were :

1. Dr. V. Ramankutty, Achutha Menon Centre of Health Science Studies, Trivandrum
2. Cri. C. P. John, Planning Board Member
3. Dr. Muraleedharan S. Rtd. Asso. Prof. Maharajas College, Ernakulam
4. Sr. Arun B., Consultant, Ministry of Health, New Delhi
5. Dr. Martin Patrick, Rtd. CUSAT
6. Dr. Godwin S. K. Rtd. Govt. Women’s College, Trivandrum
7. Dr. Visakh Varma KKTU Govt. College, Kodungalloor
8. Dr. N. Madhava Menon, NSS College, Cherthala
9. Dr. P Rajendran Nair, NSS College, Pandalam

The national seminar brought to the college campus faculties and students from around 32 different colleges as well as from various hospitals and various institutions working in the area of health care. The seminar saw the presentation made by six eminent resource persons coming from New Delhi and around 15 paper presenters. The seminar more than widening their knowledge in the area of health care sector has provided an insight into the very problems associated with any Public Private Partnership models.

The seminar brought to the campus around 150 delegates which included in it students from various colleges, health care professionals and industrialists. The seminar saw the participation of the members of the state planning board and the issues discussed and the ideas evolved were noted with much care by the representatives from the state planning board and it was announced at the seminar platform that the suggestions evolved will be considered with all seriousness in state’s health policy formulation.

#### **MATHEMATICS**

Conducted a 3-day UGC sponsored National seminar on “Recent Trends in Discrete Mathematics and Applications” & Annual Conference of Kerala Mathematics Association, August 11-13, 2011. UGC has funded Rs. 1.5 Lakhs for the conduct of the National Seminar.

The invited speakers were :

1. Dr. K. Viswanath, IIT Hyderabad.
2. Dr. P. Veeramani, IIT Madras
3. Dr. V.S. Swaminathan, Ramanujan Centre for Mathematics, Madurai
4. Dr. Rajkumar Dare, Madras Christian College, Chennai
5. Dr. Baldev Banerjee, Dibrugarh University, Assam
6. Dr. Muralikrishnan .K., NIT Calicut
7. Dr. R. Parvathi, Vellalar College For Women, Erode
8. Dr. G. Indulal, St. Aloysius College, Edathua
9. Dr. Madhukar Mallaya, Mar Ivanios College, Trivandrum

#### **ZOOLOGY**

The Research and Postgraduate Department of Zoology, St. Thomas College, Kozhencherry organized a two day National Seminar on “ Current Concepts in Immunology” on 18<sup>th</sup> and 19<sup>th</sup> August, 2011. The seminar was sponsored by the UGC, New Delhi and co-sponsored by Kerala State Council for Science, Technology and Environment, Thiruvananthapuram.

The seminar was inaugurated by Dr. B. Eqbal (Former Vice Chancellor, Kerala University). Eminent Scientist’s like Dr. E Sreekumar (Scientist, RGC, Thiruvananthapuram), Dr. Sabareeswaran (Scientist SCTIMST,

Thiruvananthapuram), Dr Sudarsh Lal (NCBS, Bangalore), Dr. Binu Ramesh(CFI, Madurai) and Dr. Girish K. C delivered lectures on various topics.

The seminar encompassed various aspects on recent development in the field of Immunological Sciences viz. Tumor Immunology, Immune responses to Transplantation and Mechanical devices, Experimental system and Proteomic in Immunology. Presentation of scientific papers on Immunology and Current related topic were carried out by the students of St. Thomas College and researchers of national repute. Teachers and Students from various colleges attended this seminar.

Dr. Shirley Annie Oommen was the Convener and Dr. Roy George K. and Dr. Jinsu Varghese was the Joint Convener for the Seminar. UGC has funded Rs. 90,000 and STEC Rs. 30,000 for the conduct of the National Seminar.

### **OTHER SEMINARS**

#### **PHYSICS**

A seminar was organized in the Physics Seminar hall on 06.01.2012. Dr. K Unnikrishnan of the Department of Physics of NSS College, Changanacherry gave an enlightening talk on Space Physics. Dr. Jayakrishnan of Christian College, Chengannoor inspired the students by his talk on Nano Technology for solar cells

#### **CHEMISTRY**

As a part of the International Year of Chemistry the department organized a one day seminar on December 16<sup>th</sup> 2011, on the topic 'Structure prediction on Organometallic Compounds' and 'Isolobal Analogy' delivered by Dr. M. Padmanabhan, Faculty member of the Indian Institute of Science and Technology Trivandrum.

#### **BOTANY**

"Biocontrol Agents" By Dr. C. Dileep Kumar on 19.12.2011

Memorial Lecture : K.V. George Memorial Lecture Series III was held on 19.12.2011. The Chief guest was Dr. V.R. Varma, Chairman, Kerala State Biodiversity Board. He talked on "Challenges in Biodiversity Conservation"

#### **COMMERCE**

A seminar on Entrepreneurship Development to UG students in association with District Industrial Centre, Pathanamthitta

#### **COMPUTER SCIENCE**

A workshop was conducted by Logic Software Solution, Kottayam on 02.02.2012 for final year students.

### **11. Seminars Conducted by Faculty (Name wise –with details)**

#### **MATHEMATICS**

Prof. Alexander K. Samuel (Principal) Serving as the Chairman of the Post-Graduate Board of Studies in Mathematics, Mahatma Gandhi University. Organized a three days workshops for Curriculm design of the PG course in 15<sup>th</sup>, 17<sup>th</sup> December 2011 for teachers in Mathematics under Mahatma Gandhi University.

#### **COMMERCE**

**Dr. T .Varghese Panicker** –Organized a two day workshop on Curriculum revision for UG Programme- Scheduled at MG University.

#### **MALAYALAM**

**Roys P. David (HOD)** had conducted an international seminar on science and religion at Santhigiri Alway.

#### **Jaison Jose**

s]@pw s]@h-Ø-I-fpw-þ-Im-gvN-s,-S-ensâ kqfv-a-`m-h-§Äp National Seminar on Malayalam Short Story with special Emphasis on Women Writers conducted by Sahitheesakyam at Baseliou College, Kottayam on 16 July 2011.

National Seminar on Changampuzha-Punarvayana organized by the departme of Malayalam, Government College, Manimalakkunnu, 19-20 December 2011

National Seminar on Indian Literary Historiography and Counter currents in Post Coloniality organized by the department of English St. Thomas College, Kozhencherry, 27-28 September 2011

National Seminar on Public Private Partnership in Healthcare. A viable altemate or not-organized by the department of Economics St Thomas College, Kozhencherry

Workshop- Participated in the UGC sponsored Refresher Course in Malayalam conducted by the UGC-Academics staff College, University of Kerala, Karyavattam from 08.03.2011 to 29.03.2011.

#### **HINDI**

#### **Prof. Elizabeth M.Ninan**

1. Changing Dimensions Of Hindi In The Information Technology Era 4<sup>th</sup> & 5<sup>th</sup> August 2011, St. Thomas college Kozhencherry, Presented a paper on Hindi Sahitya, Praudyogigi Aur Media
2. Samkaleen Katha Sahitya Mein Sankalp Evam Vikalp 15<sup>th</sup> & 16<sup>th</sup> December 2011, M. G. college, Thiruvananthapuram

#### **Dr. Sheena Eapen**

1. Changing Dimensions Of Hindi In The Information Technology Era 4<sup>th</sup> & 5<sup>th</sup> August 2011, St. Thomas college Kozhencherry, Presented a paper on Sookhana Praudyogi Ke Yug Mein Anuvad Ki Sthiti
2. New Aspects Of Contemporary Hindi Literature 24<sup>th</sup> to 26<sup>th</sup> August 2011, NSS College Changanacherry
3. Samkaleen Hindi Katha Sahitya Mein Stri Vimarsh 17<sup>th</sup> & 18<sup>th</sup> October 2011, Govt. College for Women, Thiruvananthapuram
4. Indianness In Contemporary Hindi And Malayalam Criticism 12<sup>th</sup> to 14<sup>th</sup> January 2012 at Cochin university of science and Technology, Presented a paper on Samkaleen Streevadi Aalochana Mein Bharateeyata

**Dr. Mini Rachel Thomas**

1. Changing Dimensions Of Hindi In The Information Technology Era 4<sup>th</sup> & 5<sup>th</sup> August 2011, St. Thomas college Kozhencherry, Presented a paper on Viswa Bhasha Hindi Aur Anuvad
2. Samkaleen Hindi Katha Sahitya Mein Stri Vimarsh 17<sup>th</sup> & 18<sup>th</sup> October 2011, Govt. College for Women, Thiruvananthapuram, Presented a paper On Hindi Kahani Mein Stri Vimarsh
3. Centenary Poets Literary Contribution- Re-Reading 17<sup>th</sup> to 19<sup>th</sup> January 2012, university college, Thiruvananthapuram, presented a paper on Shamsheer Bahadur Singh and his Kaal Tuchse Hod hei Meri
4. Dalit Chetana In Hindi Novels 11<sup>th</sup> & 12<sup>th</sup> August 2011, St. Albert's college Ernakulam

**Dr. Jenu Mary Mathews**

1. Changing Dimensions Of Hindi In The Information Technology Era 4<sup>th</sup> & 5<sup>th</sup> August 2011, St. Thomas college Kozhencherry, Presented a paper on Hindi Patrakarita Evam Sookhana Praudyogigi
2. New Aspects Of Contemporary Hindi Literature 24<sup>th</sup> to 26<sup>th</sup> August 2011, NSS College Changanacherry, presented a paper on Kavi Neelotpal
3. Samkaleen Hindi Katha Sahitya Mein Stri Vimarsh 17<sup>th</sup> & 18<sup>th</sup> October 2011, Govt. College for Women, Thiruvananthapuram
4. Samkaleen Katha Sahitya Mein Sankalp Evam Vikalp 15<sup>th</sup> & 16<sup>th</sup> December 2011, M.G. college, Thiruvananthapuram a paper on Malayalam Kavitha Mein dalit Chetana
5. Hindi Sahitya Mein Dalit Chetana, 13<sup>th</sup> & 14<sup>th</sup> February 2012, Govt. Women's college, Thiruvananthapuram, presented a paper on Malayalam Kavitha Mein dalit Chetana

**Prof. Mini Varghese**

1. Changing Dimensions Of Hindi In The Information Technology Era 4<sup>th</sup> & 5<sup>th</sup> August 2011, St. Thomas college Kozhencherry, Presented a paper on Sookhana Praudyogigi Ka Prabhav Samkaleen Sahitya Par
2. Dalit Chetana In Hindi Novels 11<sup>th</sup> & 12<sup>th</sup> August 2011, St. Albert's college Ernakulam

**CHEMISTRY**

One day seminar on December 6<sup>th</sup> – 16<sup>th</sup>, 2011-as a part of the international year of Chemistry. Topic-Lecture 1 – Structure prediction in organometallic compounds

Lecture II- Isolobal analogy-making connection between organic and inorganic systems. Speaker of the day- Dr. M. Padmanbhan. Faculty of inorganic Chemistry, Indian Institute of Science and Technology.

**ZOOLOGY**

**Dr. Shirley Annie Oommen.** National Seminar on “Recent Trends in Biotechnology” organized by Department of Zoology, Catholicate College, Pathanamthitta on 2-3<sup>rd</sup> of February, 2012.

**Dr. Nelson P. Abraham** attended a training programme on “Management and Leadership development organized by D.S.T, Govt. of India at Lal Bahadur Sastri National Academy of Administration, Massoree from 18<sup>th</sup> to 22<sup>nd</sup> of April, 2011

**Dr. Nelson P. Abraham** participated in an UGC sponsored short term course on “Soft skill Development” at Academic Staff College, University of Kerala, Kariavattom

**Dr. Nelson P. Abraham.** National Seminar on “Changing patterns of Biodiversity in Western Ghats” held at St. Mary's College, Manarcadu on 20<sup>th</sup> and 21<sup>st</sup> January, 2012.

**Prof. Ninu Thomas.** UGC sponsored Seminar on “Recent Development in the field of Microbiology, Cancer Biology and Epidemiology” Organized by Department of Zoology, B.C.M. College, Kottayam on 1<sup>st</sup> and 2<sup>nd</sup> July, 2011

**Dr. Jinsu Varghese.** UGC sponsored Seminar on “Recent Development in the field of Microbiology, Cancer Biology and Epidemiology” Organized by Department of Zoology, B.C.M. College, Kottayam on 1<sup>st</sup> and 2<sup>nd</sup> July, 2011.

**Dr. Jinsu Varghese.** National Seminar on “Recent Trends in Biotechnology” organized by Department of Zoology, Catholicate College, Pathanamthitta on 2-3<sup>rd</sup> of February, 2012.

**Prof. Shinimol A.K.** UGC sponsored Seminar on “Recent Development in the field of Microbiology, Cancer Biology and Epidemiology” Organized by Department of Zoology, B.C.M. College, Kottayam on 1<sup>st</sup> and 2<sup>nd</sup> July, 2011

**Prof. Shinimol A.K.** National Seminar on “Recent Trends in Biotechnology” organized by Department of Zoology, Catholicate College, Pathanamthitta on 2-3<sup>rd</sup> of January, 2012.

**Dr. Reena Pappachan George** Participated in the orientation programme at the University of Kerala, Kariavattom Campus.

**Dr. Reena Pappachan George.** National Seminar on “Recent Trends in Biotechnology” organized by Department of Zoology, Catholicate College, Pathanamthitta on 2-3<sup>rd</sup> of January, 2012

**Dr. Reena Pappachan George.** UGC sponsored Seminar on “Recent Development in the field of Microbiology, Cancer Biology and Epidemiology” organized by Department of Zoology, B.C.M. College, Kottayam on 1<sup>st</sup> and 2nd July, 2011.

#### **PHYSICAL EDUCATION :**

National Seminar on “Exercise is the fountain of youth” organized by M.S.M. College, Kayamkulam

#### **WORKSHOPS :**

##### **ZOOLOGY**

**Dr. Shirly Annie Oommen and Dr. Jinsu Varghese** attended CBCSS Zoology Curriculum review workshop for Zoology Teacher, M.G. University, 6<sup>th</sup> and 7<sup>th</sup> December.

**Dr. Shirly Annie Oommen, Dr. Joseph John K, Dr. Nelson P. Abraham and Dr. Roy George K.** attended workshop for Restructuring of Zoology P.G Programme under CSS 2011 conducted by Mahatama Gandhi University at School of environmental Sciences, Mahatama Gandhi University, Kottayam 8-10<sup>th</sup> of February, 2012.

##### **COMMERCE**

**Rejy K Thariyan** – A Seminar on Career Development to Higher secondary Students at Marthoma Higher Secondary School, Pathanamthitta, Govt. Higher Secondary School Sadanandapuram, Kottarakara, and St. Mary’s Higher secondary School Kottarakara.

#### **12. Publications by the Faculty with Impact factor of the Publications (A Short Description)**

##### **ENGLISH**

**Dr. Anne Susan Koshy**

“Suniti Namjoshi’s *The Mothers of Maya Diip* : A Feminist Utopia.” *Research Lines* Interdisciplinary Research Journal Vol.4 No. 1: A Jan-Jun 2011

“The Insecurity Crisis of Woman as Reflected in the Poems of Kamala Das.” *Sumangali A Journal of Gender and Heritage*. Vol. 2 No. 2: March 2011.

**Book published** (International): *The Short Fiction of Angela Carter, Margaret Atwood and Suniti Namjoshi - A Study in Feminism and Fairy Tales*. Verlag Germany 2010 (ISBN 978-3-63926008-3)

**Dr. Asha Susan Jacob**

“Narrating Tribal Entity: *Mavelimantam, Kocharethy, Ooralikkudi*.” *Voice and Memory: Indigenous Imagination and Expression*. Hyderabad; Orient Blackswan, 2011. (ISBN 978 81 250 4222 8)

**Dr. Roshin George**

“Forsaken Roots, Acquired Sceptres- Ethnic Identity in *The Palace of Dreams*.” *Research Lines*, Vol.4 No.1-A Jan-June 2011

“Obscure, Complex and Allusive: A Reading of Jayantha Mahapatra’s *Life Signs*.” *Rock Pebbles*.” Vol. 15 No. 1 Jan-June 2011

“Saving the ‘Barbaric Orient’ - The White Man’s Burden: An Orientalist Reading of *The Kite Runner*.” *Research Scholar* Vol.1 No.2-A Dec 2011

“Reconstructing History through the Eyes of Women: A Study of *The Palace of Illusions, Shadow Princess and Nefertiti*.” *Changing Worlds: Reviewing and Reinventing Literature and Culture*. PG Dept. of English, Catholicate College, Pathanamthitta, 2012. (ISBN 978 81 920711 0 7)

**Febu George Mathai Kurichiyath**

“Spirituality and Worldliness as the Double-Edged Critique of Discursive Practices in O.V Vijayan’s Dystopias.”

*Changing Worlds: Reviewing and Reinventing Literature and Culture*. PG Dept. of English. Catholicate College, Pathanamthitta, 2012. (ISBN 978 81 920711 0 7)

##### **MALAYALAM**

**Saramma Varghese :**

amä n Hcp kv {Xo}£ hmb \ Published in Vijnana Kairali

ae-bm-fn-bpsS amdp¶ £-W-kw-kvImcwPublished in Yuvadeepam October 2011

**Jaison Jose:**

’jpXnb Fgp v |pXnb hmb \ -----p ae-bm-fn-bpsS ssk\_À PohnXw' Malayalam Research Journal Vol-4, Issue-2, May 2011, ISSN -0974-1984

kmln-Xy- nse XI-gn-hgn Deepanalam Weekly, Vol-44, Issues- 46 &

47, Jan 2012

ImgvN-bpsShÀ - am\w Deepanalam Weekly, Vol-44, Issues-37 to 43, Nov & Dec 2011.

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10 Imj-vm-S³pkmnl-Xy-cw-Ks - Iem-j-Imcn Deepanalam Weekly, Vol-44,

Issue-35, Oct. 2011

2011 XI-gnbpw ae-bm-f-km-ln-Xyhpw Moolyasruthi Monthly, July 2011  
D<sup>-</sup>-cm-[p-n]I lhnX Kalakaumudi Weekly, Vol-37, Issues-23, (1858), April  
2011 Bßm-[p-<sup>-</sup>-h-§-fpsS \nd-I-<sup>-</sup>Nncn Deepanalam Weekly, Vol-43, Issue-46,  
Jan 2011

## **HINDI**

### **Prof. Elizabth M.Ninan**

A poem 'Keral ki Varsha'(Rainy season in Kerala) was published in the Literary journal 'sangrathan' in August 2011

Hindi sahitya,praudyogigi aur media,published in the proceedings of national seminar conducted by department of Hindi ,St.Thomas college Kozhencherry,2011

### **Dr. Sheena Eapen**

Prayojanmoolak Hindi Ke Vikas Mein Anuvad Ki Bhoomika(Role Of Translation In The Development Of Functional Hindi),Published By Vdm Publishing House ,Mauritius -2011

Co-Editor of the B.com text 'Sahitya Darpan' of M.G. University 2011

'PRABHATAM' an article on madhavikutty's story published in Madhavikkutty Kathakal Oru Penvayana -olive publications Kozhikode,2011, p-208

Soochana Praudyogigi Ke Yug Mein Hindi Bhasha Evam Anuvad Ki Sthiti publis hed in the proceedings of national seminar conducted by department of Hindi ,St. Thomas college Kozhencherry,2011

### **Dr. Mini Rachel Thomas**

Viswa Bhasha Hindi Aur Anuvad , published in the proceedings of national seminar conducted by department of Hindi ,St. Thomas college Kozhencherry,2011

### **Dr. Jenu Mary Mathew**

Hindi Patrakarita Evam Soochana Praudyogi, published in the proceedings of national seminar conducted by department of Hindi ,St.Thomas college Kozhencherry,2011

## **ECONOMICS**

**Dr. Oommen Zachariah** and Dr. Martin Patrick "Value Chain of Rubber Wood Industry in Kerala: Relative Share of Actors" *Asia Pacific Journal of Research in Business and Management*, Vol.2, Issue 6 June 2011,pp 77-86 ( ISSN 2229-4104).

**Dr. Oommen Zachariah** "Performance and Linkages of Rubber Wood Industry in Kerala" *Zenith International Journal of Multidisciplinary Research* " Vol.1 Issue 8,December 2011 (ISSN:2231-5780)

**Dr. Oommen Zachariah** "Governance Structure, Upgrading and the Role of Institutions in the Value Chain of Rubber Wood Industry in Kerala" *International Journal of Business Economics and Marketing Research* " January 2012 (ISSN: 2248-4848)

**Prof.Jollyamma George and Prof.Merry Zachariah** "An Economic Evaluation of Thenmala Eco-Tourism Project in Kerala " *Asian Journal of Research in Business Economics and Management* ISSN:2249-730 (Accepted for publication)

**Shaju K. John** "Water Pollution and its Impact on Rural Health; A Micro Level Study on River Pampa, Kerala, *Journal of Professional Development for Academics (JPDA)* Published by UGC - Academic Staff College, Pondicherry Central University (Accepted for Publication )

**Dr.Oommen Zachariah** "The Underutilised Treasure of Kerala's Indigenous Technology-A Case Study of Aranmula Metal Mirror" *Reyona Journal of Interdisciplinary Studies*,Vol.1 Issue1 February 2012

### **Professional journals published**

We have published the Proceedings of the National Seminar on "Public Private Partnership in Health Care: A viable alternative or not" in September 2011

## **POLITICAL SCIENCE**

**Dr. George K. Alex** : Just Pease . An Ecumenical and Ecclesiastical Perspective, in Thomas M.C., *Decoding Mission Beyond Edinburgh* 92011) pp 131-146. ISBN 978-81-7821-324-8

**BOOK:** Education for the fullness of life (Lang. Mal, Second edition 2011)

## **PHYSICS**

### **Ninan Sajeeth Philip**

A Learning Algorithm based on High School Teaching Wisdom, Ninan Sajeeth Philip, *Paladyn Journal of Behavioral Robotics*, 2010, 1(3), 160

Results from the supernova photometric classification challenge, Richard Kessler et al., *Publications of the Astronomical Society of the Pacific*,2010, 122, 1415

Photometric identification of Quasar candidates, Sheelu Abraham and Ninan Sajeeth Philip, *Astronomical Data Analysis Software and Systems XIX, ASP Conference Series*, 2010, 434

A Photometric Catalogue of Quasars and Other Point Sources in the Sloan Digital Sky Survey, Sheelu Abraham, Ninan Sajeeth Philip, Ajit Kembhavi, Yogesh G. Wadadekar and Rita Sinha, 2012, MNRAS, 419,80

#### **BOTANY**

**Jasy Thomas** and Rintu Chacko, 2011. Evaluation of Mission grass (*Pennisetum polystachion* L. Schult) for the cultivation of oyster mushroom. Proceedings 21<sup>st</sup> Swadeshi Science Congress, Kollam, Kerala

#### **ZOOLOGY**

##### **BOOKS**

**Dr. Nelson P. Abraham** - *Eco fraternity of Kurum(b)a tribes in Wayanad, Kerala - Indigenous Cultures in Transition* edited by G.N Devy, Geoffrey Davis and K.K. Chakravarthy Publishers *Routledge* (Taylor and Francis Group)

**Dr. Nelson P. Abraham** (Co-Author)- *Environment Biology, Toxicology and Disaster Management: The Fundamentals*, Green Leaf Publication, Kottayam

##### **PUBLICATIONS**

Girija Kumari S. and **Nelson P. Abraham**. Fish Fauna of Shastamkotta Lake- A freshwater RAMSAR site in Kerala Accepted in Journal of Inland Fishery society of India, Bharatpur, West Bengal

**K. R. George**, N.A Malini and A.R. Nair 2009. Bisphenol-A induced effects on testes in adult male rats Indian J. Environ. Toxicol 19(1): 20-23, Accepted in 2011

**K. Roy George**, N.A Malini, Archana Rajan and R. Deepa( 2011). Enzymatic changes in the kidney and brain of freshwater murrel, *Channa Striatus* (Bloch) on short term exposure to sub lethal concentration of lead nitrate. Indian J. Fish, 58(4): 91-94.

**Jinsu Varghese** and K.R. Arathy (2011). Anti bacterial property of Epidermal mucus extracts of Teleost fish, *Clarias Batrachus*. Millenium Zoology Vol 12(1): 9-12, 2011.

**Jinsu Varghese** and M. Haridas. RP. HPLCC and SDS PAGE of some lactic fermentation fermented. Accepted paper in Research lines

##### **COMMERCE**

Prof. Dr. Varghese Antony – “Growth of power sector in India”- KEGEES journal of Social Science, Vol.III, No.2 July 2011

Prof. Dr. Varghese Antony –Problems and prospects of power development in Kerala, Global Research Review, Vol.I, No.1, December 2011.

Prof. Dr. Benson KunjuKunju “Financial Institution and Services” Kalayani Publications, Ludhiyana.

Prof. Dr. Antony George “Environmental Accounting in Indian Context”. Indian Journal of Commerce

##### **PHYSICAL EDUCATION**

**Dr. R.S. Shinhu** : Analysis of psychological variables between high and low performance in Basketball (Research lines ISSN 0975-8941)

#### **13. Research Highlights of Faculty/Scholars (A Short Description)**

**REYONO** : Journal of Interdisciplinary Studies

Reyono : Journal of Interdisciplinary studies is a nationally accredited research journal published biannually by St. Thomas College, Kozhencherry. It seeks to promote and coordinate research activities of interdisciplinary nature among the academicians. The debut issue of the journal has been sent for registration by RNI and is awaiting ISSN recognition.

##### **CHEMISTRY**

Associate Professor Viju Susan Mathew was awarded Ph.D in the year 2011 from the School of Chemical Sciences, MG University

##### **MALAYALAM**

Samma Varghese submitted her Ph.D Thesis in June

2011 Jaison Jose availed FIP for completing his Ph.D

##### **COMMERCE**

George Thomas research scholar in the Commerce Research Centre of our college submitted his Ph.D thesis on ‘Risk return relationship on equity shares in India’ guided by, Dr. Philip Varghese, Porattoor.

##### **MATHEMATICS**

Prof. Ligi George has registered for Ph.D The title of the work is “Log-Esscher Transformed Laplace Distribution”

The following faculty members are in the PG Board of Studies of Mahatma Gandhi University

Prof. Alexander K. Samuel Chairman, PG Board of Studies in Maths

Prof. T. Nesses Joseph Member, PG Board of Studies in English

Dr. Joseph John Member, PG Board of Studies in Zoology

Dr. Varghese Philip Member, PG Board of Studies in Chemistry

Dr. Oommen Zachariah Member, PG Board of Studies in Economics

**The following faculty members are in the UG Board of Studies of Mahatma Gandhi University**



Dr. T Varghese Panciker Chairman, UG Board of Studies in Commerce  
 Dr. K. Danielkutty Chairman, UG Board of Studies in Botany  
 Dr. Elizabeth Thomas Member, UG Board of Studies in Botany  
 Dr. Sheena Eapen Member, UG Board of Studies in Hindi  
 Prof. Thomas Daniel Member, UG Board of Studies in History

### **ZOOLOGY**

Dr. Shirly Annie Oommen -Bioremediation and Soil waste management  
 Dr. Joseph John K. – Neurophysiology and Toxicology  
 Dr. Nelson P Abraham – Wildlife Biology and Freshwater Ecology  
 Dr. Roy George K. – Endocrinology and Reproductive Physiology  
 Prof. Ninu Thomas – Inland water biology  
 Dr. Jinsu Varghese – Structural Biology  
 Prof. Shinimol A.K. – Entomological Taxonomy  
 Dr. Reena Pappachan George – Wildlife Biology and Biodiversity

### **COMMERCE**

George Thomas P : A research scholar of Dept. Commerce, has completed his research leading to Ph.D and submitted the thesis to the M.G. University

14.Academic Achievements (A Short Description) :

#### **15.Student Achievements - Academic (A Short Description)**

### **ECONOMICS**

Prof. Thomas Varkey Memorial Cash award given to the topper in PG examinations : Awarded to Miss Vinshamol Vennikuttan

Prof. Jaison George Memorial cash award given to the topper in Statistics Paper of the MA Examination: Awarded to Miss Renukadevi K R

Prof.PG.Varghese Endowment awarded to the Best Outgoing Students of the PG and UG degree classes: Awarded to Miss Renukadevi K R and Miss Remya .S.Kumar

Prof.Roshini.P.Mathai Endowment awarded to the student who secured the maximum marks for the undergraduate University Examination: Awarded to Miss. Aswathy B.Nair

#### **16. Students Activities/ Achievements –(Extra Curricular)**

**S.U/o Midun S Karun** participated in the prestigious Republic day National Parade in New Delhi 2011. **U/o**

**Aravind R Pillai and U/o Prabhul Prasad** participated in the Prestigious RD Camp in New Delhi 2012.Cadets

**Jackson K Abraham and Vishnu Prasad** participated in All India Camps.

### **ENGLISH**

Salini L.R First in Elocution University Youth Festival

Salini L.R. Cash award for elocution in English Vivekananda Centenary Celebrations, Kalady

Anju Ann John ‘A Grade’ in English Recitation at University Youth Festival

Anju Ann John First in Essay writing at CMS College, Kottayam

### **ECONOMICS**

Rini Elizabeth Anien, a second year student of Economics, got 1<sup>st</sup> prize for the Quiz competition conducted by the History Department. She is also the chief editor of the manuscript magazine of the N.S.S unit of the college.

### **MATHEMATICS**

Sarath Krishnan, DC3 Mathematics is a member of the College Volley ball team. They are winners of the Pathanamthitta District Youth Volley ball Championship.

Several students of our Department are members of NCC, NSS, Cricket team, Football team, Badminton team. Several students of the Department participated in the Arts festival of the College and won prizes.

### **PARTICIPATION OF TEACHERS IN STUDENT ACTIVITIES**

### **ECONOMICS**

**Prof. Jollyamma George** is a sub committee member of Women studies unit of the college and member of the task force for research

**Prof. Rony Thomas Rajan** is the member of the Debate and Discussion forum of the college, and member of the task force for teaching learning and evaluation

**Prof. Shaju K. John** is the co-coordinator of the Career Guidance and Counselling Centre, co-coordinator of DC and higher education council scholarship and is the member of the editorial board of the Academic Journal, member of task force for innovative practices.

### **NATIONAL CADET CORPS**

The activities of the National Cadet Corps comprising of 108 cadets, 73 men and 35 women cadets under the command of Capt. Roys P. David were notable. Other than the regular parades, cadets are

given special training in personality development and human resource development. The cadets participated in various regional NCC Camps and in the District level Independence Day and Republic Day Parades at Pathanamthitta. Our cadets won the first prize for their best performance in the I D and R D parades at district level.

Cadets also participated in social service activities such as blood donation, Tree plantation, Campus cleaning, National Army Flag Day collection etc.

#### NATIONAL SERVICE SCHEME

The N S S is part of the Youth Welfare Programme of the Ministry of Human Resources Development, Govt. of India. Prof. Libus Jacob Abraham, (Dept. of Malayalam) and Prof. Preethi Elsi Thomas (Dept of Mathematics). Master. Jobin V Mammen (DC2 English) and Ms. Nithyamol K M (DC2 Botany) were appointed as volunteer secretaries. The N S S Unit has a strength of 200 volunteers.

'Preservation of Biodiversity' is the main theme of this year. The unit also gives attention to other thrust areas like Personality Development, Leadership Skills, Campus – Community partnerships, Blood Donation and Social Services.

**Orientation Camp:** A two day Orientation Camp was conducted to orient the newly enrolled volunteers about the aims and objectives of NSS. The camp held on 12<sup>th</sup> and 13<sup>th</sup> August 2011, was inaugurated by Prof. Alexander K Samuel, Principal, St Thomas College Kozhencherri.

The Orientation class was led by Prof. Nelson P Abraham, Dept of Zoology. And the ice breaking session has led by Prof. Shaju K John, Dept of Economics.

The second day started with the meditation session led by Prof. Libus Jacob Abraham. A session on *NSS and its Social Relevance* was held, which was led by Dr. George K Alex, Dept of Politics. It was followed by a presentation of short films related to different social issues, which was led by Dr. Moncy V John, Dept of Physics. In the afternoon, students actively participated in campus cleaning programme. Evaluation session was led by Prof. Preethi Elsi Thomas.

**Nagasaki Day :** Nagasaki day was observed on August 9<sup>th</sup> 2011. Dr. Moncy V John delivered the message against the atomic weapons and atomic war. A special BBC documentary was exhibited to mark the day. A poster exhibition was conducted in relation with this programme.

**Independence Day :** Independence day was observed with the hoisting of national flag on 15<sup>th</sup> August 2011. Prof. Usha Susan John, Dept of Physics, delivered the Independence day message. Volunteers distributed the Independence day sweets. A campus cleaning programme was followed thereafter.

**Teachers Day :** Teachers day was observed on 5<sup>th</sup> September 2011. A special programme *GURUCHARANAM* was organized; which was inaugurated by Prof. P G Varghese, former faculty, Dept of Economics. All the teachers and students of the college were honoured on the occasion.

**International Peace Day :** International Peace Day was observed on 15<sup>th</sup> September 2011. A talk on '*World Peace*' was delivered by Prof. Subhash S., Dept. of History. Posters were displayed in the campus in relation with this programme.

**A day With the Director:** N.S.S volunteers had an opportunity to have an interactive session with the renowned film director Blessy on 24<sup>th</sup> September 2011 in association with Kerala SCM. Unit members also viewed the film '*Pranayam*' by Blessy.

**Data Collection Trip :** A data collection trip was organized on 24<sup>th</sup> September 2011 as part of NSS day celebrations. The unit members visited Jadayuppara and Pothencode Santhigiri Ashram to collect the data relating to Bio Diversity and Rain water harvesting.

**N.S.S Day:** N.S.S Day was celebrated officially on 23<sup>rd</sup> September 2011. Former Programme Officer Prof. Tom Thomas, Dept. of English delivered the N.S.S Day message.

**Cleaning Week:** Cleaning week was observed from 26<sup>th</sup> September to 1<sup>st</sup> October 2011. During the week, volunteers actively participated in cleaning the campus in the evenings. The cleaning week ended with the one-day cleaning programme at District Hospital Kozhencherri on 1<sup>st</sup> October 2011. Mr. Binu Zachariah, President Kozhencherri Grama Panchayat inaugurated the programme.

**Blood Group Identification Camp :** Unit arranged a Blood group Identification Camp on 3<sup>rd</sup> October 2011 in association with Muthoot Medical Centre Kozhencherri. The volunteers were encouraged to donate blood as and when it is needed.

**First Aid Training :** A Training Programme was arranged for the students on the topic *Basic Life Supporting Techniques* on 3<sup>rd</sup> October 2011 equipping them to give First Aid in emergency situations. Muthoot College of Nursing was associated with this programme.

**House For Houseless Project :** The N.S.S Unit has decided to initiate a project which helps poor students to build or renovate their dilapidated houses. The project started with building cement blocks for the construction of its first house. All the N.S.S volunteers actively participated in this venture.

**Vegetable Gardening :** A vegetable garden was set up in the college campus by the N.S.S volunteers.

**Grasya-Manuscript Magazine :** Unit has begun creating a manuscript magazine named *GRASYA* to empower the talents of the volunteers.

**Symposium :** A symposium on ‘ Limit of development: Cultural, environmental, and societal crisis of present development’ was organized in the campus. The main talk was delivered by the well known socialist Sri. Sachidananda Sinha.

**Annual Camp:**The seven day annual camp of the college N.S.S. unit was held at the Marthoma Children’s Home, Thavalappara, Konni. 100 volunteers took part in the camp. During the camp, the volunteers involved in various community services like construction of road drainage systems.

**Community Work:**The N.S.S. volunteers actively participated in cleaning the Maramon Convention Nagar, prior to this year’s Maramon Convention.

Also, the volunteers lively participated in cleaning the traffic sign boards from Kozhencherry to Pullad.

**Street Play:**The N.S.S. unit of our college, along with the joint participation of NRHM, Kerala Unit, exhibited a street play in the campus, to create awareness about the significance of normal child birth.

**Student Participation in Camps:** The unit ensured active participation of our volunteers in various university camps held at different colleges under the university.

**Cultural Study Camp:**A three day cultural study camp was organized by the N.S.S unit to Achenkovil, Kottavasal, Mekkara, Shenkotai, Nagamalai, Ambanad and Thenmala. The volunteers had an opportunity to interact with different cultural groups.

### SPORTS

College volleyball team won the runner up in the District Senior Volleyball championship and became the winners in the District youth volleyball championship. Seven members of the college team were selected for the district team and participated in the state championship. Praveen Shaji got selected for the district in the Handball and participated in the senior Handball State championship.

A new Health & Fitness centre was constructed using financial support from UGC and Management. An amount of Rs 2.5 lakhs was received from this family late the Ninan M Varghese noted Volleyball player of this college. An amount of Rs. 10 lakhs was spent for this project. This facility was inaugurated on 3<sup>rd</sup> November 2011 by the Manager Rt. Rev. Geevarghese Mar Athanasius.

Dr. Mathew P. John, HoD, Physical Education attended as an official in the 33<sup>rd</sup> National Games conducted at Ranchi from 13-17 February 2011.

### BRAINS TRUST

The Brains Trust with the aim to mould intellectually well trained ,morally upright and socially committed students for a better tomorrow is functioning in the college during this academic year. The formal inauguration of the trust was held in August by noted film Director ,Sculptor and painter Shri.Rajeev Anchal. Brains trust has around sixty members from all disciplines. The members meet on every Wednesday. Quiz,debates and discussions on current issues have been conducted. An English elocution competition was conducted by the Ramakrishna Ashram at Kalady on Swamy Vivekananda’s message Ms.Salilini L.R. of DC3 English won 4<sup>th</sup> place &consolation prize Rs.1000/-.Another event of the Brains Trust this year was a two-day camp on the theme ‘ for a better tomorrow’ ,held at the Retreat Centre Maramon on 4<sup>th</sup>&5<sup>th</sup> Jan. 2012.It was inaugurated by the Additional Chief Secretary ,Govt.of Kerala Shri. K.Jayakumar ,IAS. The interface with Shri.K.Jayakumar was fruitful to students.Various sessions were handled bynoted journalist and writer Shri. Abraham Mathew, Rtd Professor of St.Thomas College Prof.Thomas Oommen,H.R.Trainer &Professor of Marthoma College ,Thiruvalla Dr.Mohan Varghese.Dr. Sheena Eapen serves as the Teacher Coordinator of Brains Trust assisted by Asst. Prof .Reji K.Tharian,Asst.Prof.Abin John and Sherin S. Abraham.Shahana T. Bhasheer,Anish M.Nair &Ragesh Nath serves as Secretaries and joint secretary respectively.

### CENTRE FOR WOMEN’S STUDIES

The CWS conducted a Legal and Health Awareness Programme in collaboration with the equal opportunity centre of the college on 15<sup>th</sup> January,2011. Adv.Aiysha Potti, MLA committee for women and child welfare was the chief guest. Dr.Santhamma A.N,Chief Physician, Govt.Hospital, Kozhencherry handled the session on Health Awareness. Dr. Asha Susan Jacob, faculty member of the Department of English took a class on the topic ‘ Discover Yourself’. This was Followed by a lively interactive session between the resource persons and participants.Another event conducted by the the CWS was the intemational women’s day on March 8<sup>th</sup>.Dr. Elizabeth Thomas ,Senate Member of M.G. university was the chief guest. She emphasized the need for women empowerment and also the necessity of providing various self protection classes in judo or karate within the campus. Prof .Alexander K. Samuel, Principal of the college presided over the function and distributed prizes to the winners of the essay and poster designing conducted in connection with the intemational women’s day. Dr. Sheena Eapen coordinator CWS, Dr.Mini Rachel Thomas president of women’s cell, Prof. Seeniamma C. Chennattuchery secretary of women’s cell, Shijila V T and Suji Elizabeth Mathew spoke on this occasion.

### ALUMNI ASSOCIATION

The annual general body was held on 27<sup>th</sup> August 2011. Dr. Thomas P Thomas, Scientist of Forest Research Centre Peechi, who is an alumnus of our college, was the chief guest. Annual report and accounts were presented. The news letter of the year was released on that occasion Dr. Mini Rachel Thomas was the editor of the News letter.

The family get-together was held on 17<sup>th</sup> December 2011. evening Kalamadalam Vice Chancellor P. N. Suresh was the Chief Guest. Dr. Abraham George, Principal, B.A.M. College. Thuruthicadu was also present on the occasion. Both are our alumni. They were honored on the occasion .

### **PARENT TEACHER ASSOCIATION**

The Parent Teacher Association of the college is actively participated in the academic and extracurricular activities of the students during the year. PTA also played a vital role in providing permanent infrastructure facilities in the college for the benefit of students.

As part of the activities, NMEICT Project of Government of India (Ministry of Human Resources) was introduced in our college with the financial support of PTA. The main objective of the project is to provide unlimited internet facility to all departments, administrative office and computer centre of the college at a concessional rent. PTA has also initiated in implementing INFLIBNET Centre in our college a centre of E-Library to access e-journals and books. The dual opening of NMEICT Project and INFLIB Centre were formally inaugurated at a meeting by our Manager Rt. Rev. Geevarghese Mar Athanasius Espiscopa. The meeting was presided over by the principal Prof. Alexander K Samuel, Dr. Money V John (Co-coordinator of the project) welcomed the audience and Dr. Benson Kunjukunju extended the vote of tanks.

A sum of 1 lakh rupees was expended by PTA for implementing Drinking Water facility to the students. Financial support for conducting internal assessment examinations were completely provided by PTA during the reporting year also. The PTA expended a substantial amount (Rs. 1,15,000) for the replacement of 350 existing steel chairs in the college auditorium. Financial support was also given during the year to all Subject Associations for conducting various association programmes. PTA also provided partial financial assistance to the various departments for conducting seminars and repairing of computers and equipments. Under the noon meal scheme, PTA along with teaching faculties of the college, lunch is provided to the financially weaker students. Under this scheme 45 students were benefitted. Funds were also granted for the requirements of internal assignment work, college news letter, campus beatification, student's leadership camp, cleaning of boys and ladies toilet and construction of a new boy's toilet. PTA is in the forefront in encouraging the academic excellence of the students. Financial assistance is given to students for participating university youth festival and sports. Prof. Alexander K Samuel is the President of PTA. Dr. Benson Kunjukunju is the Secretary and Dr. Thomas John is the convener of the programme committee.

**17. Industry Varsity Linkage (If any, Short Description)**

**18. Academic Tie-Ups ( if any )**

#### **PHYSICS**

Collaborative project with IUCAA. The funding from DST is for 122 lakhs. My role is as one of the investigators mainly supervising the development and implementation of Machine Learning frame work in the new VO paradigm.

Has started the SALT – VO international project [2011-14]. This is a joint project supported by both Indian and South African government. The Indian funding is Rs. 1,720,000 and that of the South African Government is for RA. 468,000/-. My role is as one of the investigators for porting SALT observations to the VO framework.

#### **MATHEMATICS**

We have Academic Tie-up with the Kerala Mathematics Association which is committed to propagating and popularizing mathematics education and research in the State.

One National Seminar was conducted by the Department in association with KMA.

#### **ZOOLOGY**

Tropical Institute of Ecological Sciences (TIES), Kottayam, Kerala, School of Environmental Sciences, Mahatama Gandhi University, Inland fisheries Centre, Pannivelichira, Kozhencherry

#### **BOTANY**

Dr. K. Danielkutty is associate with the Krishnamurthy Institute of Algology for the post doctoral research activities.

#### **INFRASTRUCTURE FACILITIES**

##### **NEW WOMEN'S HOSTEL**

A Women's Hostel was constructed under special scheme of UGC and dedicated on 23<sup>rd</sup> December by the Manager Rt. Rev. Geevarghese Mar Athanasius. Sri Anto Antony MP inaugurated the public meeting followed after the dedications service. An amount of Rs. 115 lakhs was spent for the above project. The plinth are of the building is 893.3 Sq. meter

##### **RAIN WATER HARVESTING PROJECT**

A water tank of intake capacity 5 lakhs was constructed using the funds of UGC, PTA and Management. An amount of Rs. 10 lakhs was spent for the project. This was inaugurated on 18<sup>th</sup> August 2011 by the Manager Rt. Rev. Geevarghese Mar Athanasius.

**NME-ICT (National Mission on Education through Information and Communication Technology)**

Project is a Central Government funded project whereby all the institutions of higher education are connected mutually and seamlessly integrated with the National Knowledge Network. This facility is provided in all departments. Library and college office. Through this networking scheme the institution has become a prime unexhaustible and exhaustive mode of knowledge having direct connectivity with country-wide learning resources.

**INFLIBNET-NLIST Project**

Access to e-resources through programme entitled "National Library and Information Services Infrastructure for Scholarly Content" funded by MHRD. N-list Programme provides access to more than 3000 e-journals and 75000+e-books. All members of the faculty, students and administrative staff can use this facility.

**UGC-NRC Project**

UGC has approved our institution as a Network Resource Centre and provided fund for the procurement of computers and multimedia materials. Under this scheme the facility of the Common Computer Laboratory (CCL) is enhanced into a full-fledged Computer Laboratory.

**19. Student Progression**

: Nil

**20. Campus Recruitment (if any)**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	WIPRO	20	8	4	2

**21. Number of PhD's Produced**

: Nil

**22. Research Scholars Registered in the College**

: Nil

Sl. No.	Name of Research Scholar	Title	Name of Guide
1	Ligi George		
2	Sheelu Abraham	Photometric Classification and Characterization of point sources (Astronomy)	Dr. Ninan Sajeeth Philip (Physics)
3	Arun Kumar A	Parametric Characterization of nonlinear and sparse signals	Dr. Ninan Sajeeth Philip (Physics)
4	Deepthi R	Influence of intoxicants on EEG signals (Bio-physics)	Dr. Ninan Sajeeth Philip (Physics)
5	Seeniamma C Chennattasseri	Climate of the Indian peninsula and its relation to biosphere and solar variations (Climatology).	Dr. Ninan Sajeeth Philip (Physics)
6	K.C. Zachariah	Preparation and study of Electrical and Optical properties of Cadmium Selenide Thin film	Dr. Shaji Varghese
7	S. Radhakrishna Kunup	Thin film	Dr. Shaji Varghese
8	Kiran Mathew	Quantum Mechanics	Dr. Money V John (Physics)
9	Jenny Mathews	Structural and Spectral Characterization of Metal Complexes of Multidentate ligands	Dr. Varghese Philip
10	Gopakumar S.	Response of oyster mushroom on oil palm waste and spent mushroom compost	Dr. Jasy Thomas (Botany)
11	Mathews Plamoottil	Studies on the resource potential, draught stress and effects of pollutants on the fishery of Manimala river, Kerala, India	Dr. Nelson P Abraham (Zoology)
12	Ninu Thomas	Fisheries resources of the middle region of Pampa river in relation of abiotics and biotic parameters	Dr. Nelson P Abraham (Zoology)
13	Sreela Krishnan	Operation efficiency and service quality in Commercial Banks	Dr. Benson Kunjukunju (Commerce)

14	Sinumon T.G.	Comparative study on HRM in Commercial Banks	Dr. Benson Kunjukunju (Commerce)
15	George Thomas	Risk return relationship on equity shares in India	Dr. Philip Varughese, Porattoor (Commerce)
16	Saneesh Kumar	Impact of modernization on productively and profitability in coir industry in Kerala	Dr. Philip Varughese, Porattoor (Commerce)

### 23. List of Research Guides in your College

#### (With e-mail and website)

Prof. Dr. Moncy V John (Physics) Prof.  
 Dr. Ninan Sajith Philip (Physics) Prof.  
 Shaji Varghese (Physics)  
 Prof. Dr. Varghese Philip (Chemistry)  
 Prof. Dr. Varghese Oommen (Chemistry)  
 Prof. Dr. K. Joseph John (Zoology)  
 Prof. Dr. Nelson P Abraham (Zoology)  
 Prof. Dr. Benson Kunjukunju (Commerce)  
 Prof. Dr. Koshy George (Commerce)  
 Prof. Dr. Philip Varghese Porattoor (Commerce)  
 Prof. Dr. K. Danielkutty (Env. Science)  
 Prof. Dr. Thomas John (Botany)  
 Prof. Dr. Jassy Thomas (Botany)  
 Prof. Dr. Sheena Eapen (Hindi)  
 Prof. Dr. P. J Philip (Economics, Rtd. Principal)  
 Prof. Rev. Dr. Mathew Daniel (Malayalam, Rtd. Principal)  
 Prof. Dr. M.T. Simon (Physics Rtd. Principal)

## ARTS AND SCIENCE COLLEGE (UNAIDED)

### COLLEGE OF INDIGENOUS FOOD TECHNOLOGY, KONNI

**1. Name of the College :** College of Indigenous Food Technology, Konni E  
 mail: ciftkonni@gmail.com

CIFT, Konni is a recently started College with effects from 18-09- 2009 under CFRD, Govt. Of Kerala and the results of first batch is yet to be published by MG University

**2. Name of the Principal :** Mrs. Beena Cherian

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Mr. Rajesh. R, Lecturer Mr. Jaseel. J, Lecturer	1. Mrs. Beena Cherian, Principal 2. Dr Swetha. S, Lecturer			3
The Following Faculty of CFRD are also engaging classes					
1. Dr. M K Mukundan, Director, CFRD					
2. Mrs. Grace Baby, Chief Analyst, FQML					
3. Mr. Vinayan R, Microbiologist, FQML					
Non Teaching	1-Driver (on daily wages)	1-LGS (on daily wages)			2

### 3. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phi	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
			M Sc Food Technology & Quality Assurance	7	8						

### 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phi	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
					M Sc Food Technology & Quality Assurance	6	7												

### 6. Details of Tests cleared by Students- Not applicable as the college is new

### 7. Library

- (a) Total Number of Books : 123  
 (b) Total Number of Journals : 2  
 (c) Total Number of Periodicals : 2  
 (d) Numer of titles added during the year: 20

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Ministry of Food Processing Industries- 50 Lakhs  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

### 9. Projects Undertaken : Nil

### 10. Seminars Conducted

- (a) State Level: Conducted a three day training program on HACCP- ISO 22000 Food Safety Management System from 31-01-2012 to 02-02-2012  
 (b) National Level : Nil  
 (c) International Level : Nil

### 11. Seminars Conducted by Faculty : Nil

### 12. Publications by the Faculty with Impact factor of the Publications (A Short

Discription) Provided extension training:

- Dr. M K Mukundan, Director, CFRD-
  - Processing Methods of Agriculture Products in District Industry Center, Kottayam, 2011
  - Value addition Methods for Agriculture products in DIC, pathanamthitta, 2012
  - Processing and Value Addition of Agricultural Products, DIC, Tiruvalla, 2012
- Mrs. Beena Cherian, Principal, CIFT, Konni
  - Food Preservation, Food Additives, Food Adulteration and Technology of Spices, DIC, Kottayam, 2011
  - Food Preservation, Food Additives, Food Adulteration and Technology of Spices, DIC, Thodupuzha, 2012
  - Value Addition of Agricultural Products, DIC, Alleppy, 2012

### 13. Research Highlights of Faculty/Scholars : Nil

### 14. Academic Achievements : Nil

### 15. Student Achievements - Academic : Nil

### 16. Students Activities/ Achievements – (Extra Curricular) : Nil

- (a) National Cadet Corps : Nil  
 (b) National Service Scheme : Nil

- (c) Arts Festivals : Nil  
 (d) Sports : Nil  
 (e) Games : Nil

**18. Industry Varsity Linkage** (If any, Short Description): Extension classes on Food Processing, Value addition, Food Adulteration and Food Additives were arranged in association with District Industry Center, Kottayam, DIC Pathanamthitta and DIC Allapuzha

19. Academic Tie-Ups (if any)

**20. Student Progression** : Nil

**21. Campus Recruitment (if any)- Please see details below**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Supply Co (Post: Junior manager, Quality Assurance)	4	7	3	4

**Placement Details:**

1. Supply co Junior Manager Quality Assurance:- 7 Students
2. Department of Health Services (Technical Assistant):- 1 student
3. United Arab Emirates as Quality Assurance Officer:- 1 Student
4. Ponnus Curry Powder unit as Quality Controller:- 2 Students
5. Palat Pickles as QA Officer:- 1 Student
6. OLAM Spices as Quality Officer:- 1 Student

**21. Number of PhD's produced** : Nil

**22. Research Scholars Registered in the College** : Nil

**23. List of Research Guides in your College:**

1. Dr M K Mukundan, Research guide in CUSAT, email: mkmukundan@gmail.com

## Mar Athanasios Collegel for Advanced Studies, Tiruvalla (MACFAST)

**1.Name of the College** (With e-mail and website) : Mar Athanasios Collegel for Advanced Studies, Tiruvalla (MACFAST)

**2.Name of the Principal** : Rev. Fr. Pradeep Vazhatharamalayil

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	30	17			47
Non Teaching	18	12			30

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
			MCA	30	30						
			MBA	60	60						
			Food Science	10	10						
			Plant Biotechnology	10	10						
			Bioinformatics	10	10						
			Biochneistry	10	10						
			Phytomedical Science	10	10						



## 5. Student Intake

Under Graduate	Intake , those Appeared in the Examination and Passed												M-Men, W-Women					
	App eare d		Pass ed		Post Graduate	Appeared		Passed		M. Ph il	App ear ed		Pass ed	Ph. D	App eare d		Pass ed	
	M	W	M	W		M	W	M	W		M	W			M	W	M	W
					MCA	20	37	07	35									
					MBA	105	124	103	122									
					Food Science	03	15	03	15									
					Plant Biotechnology	01	03	01	03									
					Bioinformatics		04		04									
					Biochemistry	01	10	01	06									
					Phytomedical Science													

### 6.Details of Tests cleared by Students: Please See Annexure

#### 7.Library

- (a) Total Number of Books : 17343  
 (b) Total Number of Journals : 140  
 (c) Total Number of Periodicals : 20  
 (d) Numer of titles added during the year: 1852

#### 8.Grants Received From

- (a) State Government  
 (b) Central Government : Please See Annexure  
 (c) University Grant Commission  
 (d) Others - Specify

#### 9.Projects Undertaken

Please See Annexure

#### 10.Seminars Conducted

11. Seminars Conducted by Faculty : Please See Annexure

#### 12.Publications by the Faculty with Impact factor of the Publications

#### 13.Research Highlights of Faculty/Scholars: Please See Annexure

#### 14.Academic Achievements : Please See Annexure

#### 15.Student Achievements – Academic : Please See Annexure

#### 16.Students Activities/ Achievements –(Extra Curricular): Please See Annexure

#### 17.Industry Varsity Linkage : Please See Annexure

#### 18.Academic Tie-Ups ( if any )

#### 19.Student Progression

#### 20.Campus Recruitment ( if any ) : Please See Annexure

#### 21.Number of PhD's Produced : Please See Annexure

#### 22. Research Scholars Registered in the College : Please See Annexure

#### 23.List of Research Guides in your College : Please See Annexure

## DEPARTMENT OF BIOINFORMATICS

### 9. Projects Undertaken

- (a) Development of Optical Sensor Biosensor for Rapid Detection of Nossocomal Infections Mr. Hareesh R

### 11. Seminars Conducted by Faculty (Name wise –with details)

- (a) State Level

Bioinformatics B Sc Botany Syllabus Revision Committee, MG University Mr. Stephen James Recombinant DNA Technology & Biotechnology, DIET, Alapuzha

### 12.Publications by the Faculty with Impact factor of the Publications (A Short Discription)

Database Management System by Stephen James(Co-Author) book published by Prakash publications, Changanacherry.

**15.Student Achievements - Academic (A Short Discription)**

Ms. Sanu Santhosh has secured 2<sup>nd</sup> Rank in M Sc Bioinformatics  
100% Placement in the last batch of Bioinformatics

**17.Industry Varsity Linkage (If any, Short Discription)**

Xcleris Laboratories, Ahmadabad

**19.Student Progression**

Ms. Chandni Valson (First rank holder, Bioinformatics-2007-09) has been appointed as Research Associate at Methodist Hospital Research Institute at Houston, Texas with very good salary. (<http://www.methodisthealth.com/TMHRI>)

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	Xcleris Lab, Ahmadabad	35	83	3	6

**DEPARTMENT OF FOOD SCIENCE &****TECHNOLOGY 10.Seminars Conducted**

- (a) State Level
- (b) National Level
- (c) International Level: Biospectrum 2011, Advances in Herbal Science & Technology

**14.Academic Achievements (A Short Discription)**

3 Ranks in M. Sc. Food Science & Technology during this academic year

**15.Student Achievements - Academic (A Short Discription)**

Poster presentations in national seminar, IICPT, Thanjavoor (3)

**DEPARTMENT OF MBA****9.Projects Undertaken**

- (a) Mediware Gap Analysis-Pushpagiri Group of Institutions
- (b)Asset Audit-Pushpagiri Group of Institutions (c)Customer Awareness Survey-Radio MACFAST 90.4
- (d) Impact of Radio programs survey-Radio MACFAST 90.4 (e)Mass Awareness campaign-Clean and Green, Tiruvalla (f)Green school projects
- (g)Solar project

**11. Seminars Conducted by Faculty (Name wise –with details)**

- (a) State Level-NIL
- (b) National Level
  - 1) Prof Varghese Abraham- Seminar on Financial marketing and Derivatives
  - 2) Mrs Ashalakshmi R.K-Seminar on Creating cultural compatibility through performance culture(UGC sponsored)
  - 3) Mr.V.P.Vijayamohan- National conference on finance and banking at Saintgits Institute of Management
- (c) International Level
  - 1) Mr.V.P.Vijayamohan-International conference on excellence in Management practices at Kristu Jayanti college of Management and Technology, Bangalore
  - 2) Mr.V.P.Vijayamohan-International conference on the topic Are Indian banks gradually moving from a cluster of ‘large number of small banks’ to ‘small number of large banks’

**12.Publications by the Faculty with Impact factor of the Publications (A Short Discription)**

- 1) Col Dr.G.G Mathews- Management styles of industries in Kerala, Serial publications(2011)
- 2) Dr.Mathew Illathuparambil- Indian ethos and values,MACFAST publications(2011)

**13.Research Highlights of Faculty/Scholars (A Short Discription)**

- 1) Mrs.Ashalakshmi R. K-

a) Name of research paper- Ethical practices in workplace-Issues and challenges, A framework to overcome.

Journal name- Journal of Management Thurithicadu, B.A.M college  
 b) Name of research paper- Creating cultural compatibility through performance culture Journal name- Global journal of management

**14.Academic Achievements** (A Short Discription)

Produced 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> ranks for the year 2011

**20.Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	HDFC Life Insurance	10	8	1	0
2	Wipro Consumer Care	20	18	5	7
3	Malayala Manorama	8	20	1	0
4	Muziris Softech	30	8	3	5
5	Media ONE - TV Channel of Madhyamam daily	Yet to attend the 2 <sup>nd</sup> round of interview			
6	Apollo Tyres				
7	UAE Exchange				
8	Outsource Partners International (OPI) Excel service				
9	Trans Asian Shipping services pvt ltd				
10	SysInterface Software solutions pvt ltd				

**23.List of Research Guides in your College** (With e-mail and website)

1) Col.Dr.G.G.Mathews([gmathews@macfast.org](mailto:gmathews@macfast.org))

2) Dr.Sukumaran Nair([krsnair@macfast.org](mailto:krsnair@macfast.org))

**Department of MCA**

**11. Seminars Conducted by Faculty** (Name wise –with details)

(a) State Level: Annexure C

Mr. Tiji Thomas

1. Delivered an invited lecturer on “Data mining and data warehouse” and inaugurated Computer Association activities of assumption college, chaganacherry on 12<sup>th</sup> September 2011.
2. Subject : PHP , MYSQL , WSDL  
 Role : Resource Person  
 Organized by: CSI /ISTE Students Chapter, Department of Com puter Applications, MACFAST, Thiruvalla  
 Duration: August 4 – 5, 2011
3. Subject : PHP , MYSQL ,  
 Role : Resource Person  
 Organized by: Department of Computer Technology, NGM College, Pollachi, Coimbatore District, Tamilnadu.  
 Duration: January 30– 31 , 2012

(b) National Level

Dr. M.S Samuel

- 1) Gave invited lecture on measures, fuzzy logic and compactable measure theory at National Conference held at PSMO college Tiroorangady on 23<sup>rd</sup> and 24<sup>th</sup> November 2011.
- 2) Gave invited lecture on Research prospects in datamining theory at National Conference held at St. Thomas College Tirssur on 3<sup>rd</sup> February 2012

(c) International Level

**14.Academic Achievements** MCA RESULTS (2008-2011

BATCH) Total No of Distinctions: 10

Total No of First Class : 32

**17.Industry Varsity Linkage**

MCA department conducting Macfast Industry Interface program for each batch.

## 20. Campus Recruitment ( if any )

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Cool Minds	6	15	2	1
2	UST Global	16	33	1	2

## 23. List of Research Guides in your College (With e-mail and website)

Dr. M S Samuel

mssamuel@macfast.org

## DEPARTMENT OF BIOCHEMISTRY

### 10. Seminars Conducted

(a) State Level- Nil

(b) National Level- Nil

(c) International Level (International symposium and congress on "Advances in Herbal Science and Technology held on 25- 27<sup>th</sup> of November 2011)

### 14. Academic Achievements (A Short Description)

1) Participated 15 days biochemical and instrumental training organized by Central Institute of Fish Technology (CIFT), Kochin, Kerala, India.

2) 100% placement

3) Out of 11 students in 2009-2011 batch 7 students

### 15. Student Achievements - Academic (A Short Description)

Participated International and National level seminars.

### Activities of MCA Department - A report

A brief overview of the ongoing activities of the MCA department for the year 2011 is as listed below.

#### 1) Earn while you learn

As part of the 'Earn while you learn' programme of the college, three students namely Ms. Ashly Ashik, Ms. Soofiya Samad and Mr. Jojo George of S2 MCA was placed in LogicManse Solutions Inc.

#### 2) MACFAST Industry Interface MCA S1 at Faith Infotech

S2 MCA students were sent for an industrial training program from 12<sup>th</sup> – 18<sup>th</sup> June 2011 at Faith InfoTech, Technopark, Trivandrum.

#### 3) DEBATE ON CYBER WORLD AND ITS SOCIAL IMPLICATIONS

As part of the CSI and ISTE activities, Department of Computer Applications organized a debate on a relevant topic "Cyber world and its social implications" for the S2 and S4 MCA students of MACFAST.

The program was held on Tuesday, 5th July 2011 from 3pm to 4pm. A total of twelve students from S2 and S4 MCA participated in the competition. A very healthy debate was conducted and all the participants shared their views and opinions. Joby John of S2 MCA was selected as the best debater and was awarded a cash prize of Rs.500 and certificate. The best audience participant award was given away to Midhun Mohan of S2 MCA. Anjay Nair of S2 MCA was the moderator for the program

#### 4) SEMINAR ON PHOTOSHOP

Department of Computer Applications and CSI Student chapter of MACFAST conducted a technical session - "An Introduction to Photoshop" on 22<sup>nd</sup> Friday July 2011 in the College Auditorium. It was a 3 hour program aimed at developing interest for studying Photoshop among MCA Students. The classes were taken by Ms. Chinnu Chandran of S2 MCA and Mr. Deepak D. Kurian of S4 MCA. Mr. Deepak introduced the various tools of Photoshop with demonstration. Ms. Chinnu taught some of the basic steps to be followed while working with Photoshop with examples

**5) Workshop on PHP and MySql**

Department of Computer Applications and CSI- MACFAST branch organized a two days workshop on PHP and MySQL from 4<sup>th</sup> and 5<sup>th</sup> of August 2011. The workshop was conducted by Mr. Tiji Thomas (HOD, Department of Computer Applications, MACFAST). The workshop covered all the basic elements in PHP and MySQL for developing a web application. All the S2 and S4 students of MCA and S3 students of Bio-Informatics participated in the workshop.

**6) Seminar on Cyber Crimes.**

A seminar on cyber crimes and its preventive methods was organized by Department of Computer Applications and CSI-MACFAST branch on 27<sup>th</sup> July 2011 for all students of the college. Mr. N. Vinayakumar Nair (Assistant Commissioner of Police, Hitech cell, Trivandrum) was the resource person for the seminar. He explained about the various crimes that are taking place in the cyber world like hacking, phishing etc, and the precautions to be taken while browsing the internet and mobile phones. The session was very informative for all participated.

**7) CSI State Student Convention**

The CSI State Student Convention (SSC 2011) of this year was hosted by MACFAST on 16<sup>th</sup> and 17<sup>th</sup> of September 2011. The theme of the convention was “*Educate, Evolve and Excel through IT*”. Dr. Achuthsankar S. Nair (Director, State Inter University Centre of Excellence in Bioinformatics, University of Kerala) inaugurated the convention and delivered the keynote address. **Shri. N. Vinaya Kumaran Nair** (Assistant Commissioner of Police, Hitech cell) handled a session on Cyber crimes in this convention.

More than 80 students from different colleges all over Kerala participated in the Convention. Many events like paper presentation, coding, network gaming, idea digitalization using photoshop and the core event to find the “star of the convention” were organised for the participants. All the events were conducted efficiently and the aim of the convention was really met.

**8) Inauguration of MCA 2011-2014 Batch**

The Inaugural Ceremony of the 11<sup>th</sup> MCA batch of Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) was held on August 24<sup>th</sup>, 2011 at the College auditorium. Rev. Dr. Abraham Mulamoottil (Chairman and Chief Executive, Pushpagiri group of institutions), presided over the meeting. The chief guest was Mr. Sunil Balakrishnan (Centre Head, UST Global, Cochin). Mr. Anil. K. Jose (Director and Chief Executive Officer of Logic Manse Solutions Inc.) was also present for the function.

Rev. Fr. Pradeep Vazhatharamalayil (Principal, MACFAST) welcomed the gathering. In his speech father congratulated the students of the new batch and made them aware of their responsibilities. In the Presidential address Rev. Dr. Abraham Mulamoottil wished the new students all success in their professional and personal life. The programme was officially inaugurated by Mr. Sunil Balakrishnan (Centre Head, UST Global, Cochin) by lighting the lamp. In his inaugural address he pointed out what industry expects from academy. He said that it is because of today's academic system that all the companies are forced to train the new candidates.

The placement brochure of the MCA 2008 – 2011 batch was released by Mr. Sunil Balakrishnan. The book “Indian Ethos and Management Values” written by Rev. Dr. Mathew Illathuparampil (Professor, Dept. of Management Studies, MACFAST) was released during the meeting. As part of the ‘Earn while you Learn’ programme of the college, 5 students, Ms. Ashly Ashik, Ms. Soofiya Samad, Mr. Jojo George, Mr. Sanu Philip and Mr. Jomin Jose of S2 MCA was placed in LogicManse Solutions Inc. The offer letter was given to the students during the meeting by Mr. Anil. K. Jose, Director and Chief Executive Officer of Logic Manse Solutions Inc. He also felicitated the meeting.

The felicitation was given by Dr. Judith Hollows (Director, MACFAST). Dr. M. S. Samuel (Director of Department of Computer Applications, MACFAST) delivered the vote of thanks. The meeting dispersed after the national anthem.

### 9) Orientation program for first semester M.C.A

The orientation programme for MCA 2011-2014 batch was held on 25<sup>th</sup>, 26<sup>th</sup> and 29<sup>th</sup> August 2011. The main objective behind that programme was “To transform and Orient the MCA aspirants for the rigorous and discipline that is required for this Professional Programme.” As part of the “Students Initiated Campus” the senior MCA students organized the orientation programme for the juniors.

On 25<sup>th</sup> August 2011, the program started at 9:00 am with an Ice Breaking Session by the senior students followed by the class of Mr.Sudeep B Chandramana on “Positive Attitude and Motivation”. The afternoon session was conducted by Rev.Fr. Pradeep Vazhatharamalayil who gave a talk on “MACFAST Approach”.

On 26<sup>th</sup> August 2011, Mr. Tom Zachariah handled the day’s programme by giving a class on “How to develop memory skills.” On 29<sup>th</sup> August 2011 the programme started off with a class by Dr. M. S. Samuel on the topic “Scope of MCA” followed by “Creative exercise” by the senior students. After the tea break the senior students gave an introduction to the “Students Initiated Campus Programme” of MACFAST. In the afternoon session Dr. Judith Hollows gave a talk on “Planning for a Successful Career”.

The programme came to an end by a concluding session in which the students *shared their views about the programme and a vote of thanks to the chair.*

### 10) Advanced Training for MCA Students and M. Sc Bioinformatics Students

We are imparting advanced level training program on JAVA, Flash, Photoshop and Aptitude training for MCA students.

### 11) Students participation in International Seminar

Ramshad of S4 MCA and Sajo Thomas of S4 MCA participated in the international seminar on wireless communication, mobile computing, and emerging technologies at Toc H Institute of Science and Technology on 26th september 2011

### 12) Placement Activities 2010-11

- 70% students of MCA 2008-2010 batch placed in various IT companies including Infosys, IBS, TCS, Wipro, NetBIOS, Faith InfoTech etc.
- Placement drive of Noble Softec, Infopark was held on 21th July, 2011 and five students were selected.
- Four students of MCA 2008-2011 batch is placed in Logic Manse for training.
- Students from MCA 2009-11(S5 MCA) batch participated in various placement drives including HP, IPSR, SPERIDIAN, L-CUBE, MPHASIS etc.
- Placement drive of UST Global, Technopark was conducted on 25<sup>th</sup> January 2011 and 3 students were selected.
- Placement drive of CoolMinds Technologies was conducted on 7<sup>th</sup> March 2011 and 3 students were selected.

#### LIST OF PLACED STUDENTS (2008-2011 BATCH)

Sl. No	Name	Company
1	Shiju C Abraham	UST Global
2	Sini Susan Mathew	UST Global
3	Ancy Zachariah	UST Global
4	Ragesh R	CoolMinds Technologies
5	Reshma Johny	CoolMinds Technologies
6	Sarath S	CoolMinds Technologies
7	Norman philip	Faith Infotech, Technopark
8	Liya Ann Jacob	TCS, Technopark
9	Roshan John	IBS, Technopark
10	Sajo Samuel	IBS, Technopark
11	Divya V	IBS, Technopark
12	Siju K.J	IBS, Technopark

13	Vinod Vijayan	IBS, Technopark
14	Jayamol B	TNG icube ,Technopark
15	Abymon Thomson	Geo Trans, Techopark
16	Arathy K.N	IBS Ernakulam
17	Vishnu Aravind	CTS
18	Anitha M.P	Wipro
19	Krishnendu J.L	Wipro
20	Nimisha Mathew	Wipro
21	Febin Punnuse	NET BIOS, Ernakulam
22	Bifin Thankachan	NET BIOS, Ernakulam
23	Bijily Rajan	NET BIOS, Ernakulam
24	Rajesh S	NET BIOS, Ernakulam
25	Bibin Sunny	Rapid Value, Ernakulam
26	Salini S Nair	Pournami, Kollam
27	Lija Jacob	Spica, Bangalore
28	Divya prakash	GTECH
29	Sony Stephen	Muthoot Finance, chenganoor
30	Sethulakshmi	Muthoot Finance, chenganoor
31	Christina Rajan	LCC, Tiruvalla
32	Sony Abraham	LCC, Tiruvalla
33	Vipin Abraham	LCC, Tiruvalla
34	Anju Alex	Higher Secondary School (St. Gregorios HSS)
35	Regi V.R	Mary Matha Senior Secondary School
36	Greeshma A Nair	Lecturer, Mount Zion college of Engineering, Pathanamthitta

### 13) Radio quiz program

As part of our CSI and ISTE activities we organized a Radio quiz program, QZ-MAC 2010 for the high school students at our college in association with RADIO MACFAST 90.4 on 11th December 2010. It was a one day program. Two teams comprising of two students from the schools near to Tiruvalla were invited to participate in the quiz program. The topics covered were based on Computer Science, Information Technology and General Science. The whole program was recorded and will be broadcasted over the air by RADIO MACFAST 90.4. The registration was free and attractive prize money were given for the winners.

First prize	-	Rs.3000
Second prize	-	Rs.2000
Third prize	-	Rs.1000

The winners of QZ\_MAC 2010 are:

**First Place:** Nijin Mathew Ninan, P.G Karthika, (S.C Seminary HSS Thiruvalla)

**Second Place:** Hari Narayan, Sherin Thomas, (M.G.M.H.S.S Thiruvalla)

**Third Place:** Aswathy S, Shiji Elvin Philip, (Bretheran English High School)

All the participants were awarded with a participation certificate.

### 14) Seminar on improving Life Skill

A seminar on improving life skills was organized on 20<sup>th</sup> Jan, 2011 at the college auditorium. Mr. Sudeep Chandramana, Asst. Prof, Department of Management Studies, MACFAST was the resource person.

### 15) QIP

Four faculty namely Mr. Tiji Thomas, Mr Stephan James, Ms. Phijo J.Cherrickal and Mr. Terry Jacob Mathew are perusing M.Tech as a part of the quality improvement programme.

## Mannam Memorial N.S.S College, Konni

1. **Name of the College** ( with e-mail and website) : Mannam Memorial N.S.S College, Konni  
Email : [mmnsscollege@gmail.com](mailto:mmnsscollege@gmail.com)

2. **Name of the Principal** : Prof. N. Mohan

### 3. Staff Profile

	Men	Women	Scheduled Caste	Schedule d Tribe	Total
Teaching	4	27	--	-	31
Non Teaching	4	4	--	--	8

### 4. Courses Offered with Number of seats

Under Graduate	Number of seats		Post Graduate	Number of seats		M. Phil	Number of seats		Ph. D	Number of seats	
	M	W		M	W		M	W		M	W
BBA	98	98	M.Sc. Electronics	6	7						
B.Sc.Computer Science	71	96									
B.Sc.Electronics	60	19									
B.Sc. Biotechnology	8	32									
B.S.W	14	23									

### 5. Student Intake

Intake, those Appeared in the Examination and passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BBA	34	33	18	39	M.Sc. Electronics	6	7	4	4										
B.Sc.Computer Science	31	35	20	30															
B.Sc.Electronics	21	10	9	8															
B.Sc. Biotechnology	5	12	2	11															
B.S.W	6	4	3	2															

6. **Details of Tests cleared by Students** : Nil

### 7. Library

- (a) Total Number of Books : 7000  
 (b) Total Number of Journals : 25  
 (c) Total Number of Periodicals : 30  
 (d) Number of titles added during the year : 500

### 8. Grants Received from

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil

9. Others-Specify : Nil

10. **Projects Undertaken** : Nil

11. **Seminars Conducted by faculty** : Nil

12. **Publications by the Faculty with impact factor of the Publications** : Nil

13. **Research Highlights of Faculty/Scholars** : Nil



14. Academic Achievements- Academic : Nil  
 15. Student Achievements- Academic : Nil  
 16. Students Activities/ Achievements (Extra Curricular) : Nil  
 (a) National Cadet Crops : Not sanctioned  
 (b) National Service Scheme: A unit of NSS consisting of 190 students was functioning in the report year. The NSS conducted various camps and seminars that helped to develop their mental health and to do something beneficial to the society.  
 (c) Arts Festivals : Art festival was celebrated in the report year. Also there was active participation of our students in the University Youth Festival conducted at Kochi.  
 (d) Sports : Students organized cricket and volley ball teams and participated in many competitions in the University level.  
 (e) Games  
 17. Industry Varsity Linkage : Nil  
 18. Academic Tie-Ups (If any) : Nil  
 19. Student Progression : Nil  
 20. Campus Recruitment ( If any) : Nil  
 21. Number of PhD's produced : Nil  
 22. Research Scholars Registered in the College : Nil  
 23. List of Research Guides in your college : Nil

## St.Mary's College for Women, Paliakara, Tiruvalla

1. Name of the College : St.Mary's College for Women, Paliakara, Tiruvalla  
 stmarycw@gmail.com  
 stmarycw@rediffmail.com  
 www.stmaryscw.com

2. Name of the Principal : Prof. Prasad Thomas Kodiyatt

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Nil	33			33
Non Teaching	4	7			11

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	M	W		M	W		M	W		M	W
B.Com	-	70		-	119	-	-	-	-	-	-
B.Sc	-	160				-	-	-	-	-	-

### 5. Student Intake

Intake, those appeared in the Examination and Passed M-Men, W-Women											
Under Graduate	App eared	Pas sed	Post Grad uate	App eared	Pas sed	M. Phil	Appe ared	Pass ed	Ph. D	Ap peared	Passed
B.Com	37	31	M.Sc	32	17						
B.Sc	69	39									

### 6. Details of Tests cleared by Students

Sl.No.	National Level	State Level	
1	NET		1

### 7. Library

- (a) Total Number of Books : 3624  
 (b) Total Number of Journals : 3  
 (c) Total Number of Periodicals : 7  
 (d) Number of titles added during the year : 340

### 8. Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others – Specify : Nil

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

11. Seminars conducted by faculty : Nil

12. Publications by the Faculty with Impact Factor of the Publications: Nil

13. Research Highlights of Faculty/Scholars : Nil

14. Academic Achievements : Nil

15. Student Achievements – Academic : Nil

16. Students Activities/Achievements – (Extra Curricular) : Nil

(a) National Service Scheme

(b) Arts Festivals

(c) Sports

17. Industry Varsity Linkage : Nil

18. Academic Tie – Ups : Nil

19. Student Progression : Nil

20. Campus Recruitment (if any) : Nil

Sl.No.	Name of the Firm	No. of students attended		No. of students selected	
		M	W	M	W
1	WIPRO		7		2

21. Number of PhD's produced : Nil

22. Research Scholars Registered in the College : Nil

23. List of Research Guides in your College : Nil

## ST.JOHNS COLLEGE, PRAKKANAM, PATHANAMTHITTA

1. Name of the College (With e-mail and website): ST.JOHNS COLLEGE, PRAKKANAM E-mail:stjohnscollege2010@gmail.com, Website: stjohnscollegeindia.com

2. Name of the Principal: : Dr. SONEY JOHN

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	3			8
Non Teaching	8	3			11

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
60	30	30	60	30	30						

#### 5. Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed												M-Men, W-Women						
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.com 4 <sup>th</sup> Sem	4		4		MBA 1 <sup>st</sup> Sem	22	19	12	10										
B.Com 3 <sup>rd</sup> Sem	7	3	7	3															

#### 6. Details of Tests cleared by Students: Nil

#### 7. Library

- (a) Total Number of Books : 7500  
 (b) Total Number of Journals : 35  
 (c) Total Number of Periodicals : 15  
 (d) Numer of titles added during the year

#### 8. Grants Received From

- (a) State Government : Yes  
 (b) Central Government  
 (c) University Grant Commission  
 (d) Others - Specify

#### 9. Projects Undertaken

- (a) Mini Project (one month)  
 (b) Summer Project(Two months)

#### 10. Seminars Conducted : Nil

#### 11. Seminars Conducted by Faculty : Nil

#### 12. Publications by the Faculty with Impact factor of the Publications : Nil

#### 13. Research Highlights of Faculty/Scholars : Nil

#### 14. Academic Achievements : Nil

#### 15. Student Achievements – Academic : Nil

#### 16. Students Activities/ Achievements-(Extra Curricular): Nil

#### 17. Industry Varsity Linkage : Nil

#### 18. Academic Tie-Ups ( if any ) : Nil

#### 19. Student Progression : Nil

#### 20. Campus Recruitment ( if any )

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	HDFC BANK(Insurance)	02	02	nil	1
2.	ADITYA BIRLA GROUP	03		nil	

#### 21. Number of PhD's Produced : Nil

#### 22. Research Scholars Registered in the College : Nil

#### 23. List of Research Guides in your College (With e-mail and website) : Nil

## VISWABRAHMANA COLLEGE, VECHOOCHIRA

1. Name of the College (With e-mail and website: VISWABRAHMANA COLLEGE, VECHOOCHIRA

Email: vbvechoochira@gmail.com

2.Name of the Principal

: Dr. T.M. Thomas, M.A., Ph.D

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	14	Nil	Nil	17
Non Teaching	6	3	1	Nil	9

4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
BBA	34	11	N.A	NA	NA	NA	NA	NA	NA	NA	NA
B.Sc.	28	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
B.Com	86	55	NA	NA	NA	NA	NA	NA	NA	NA	NA

5.Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
BBA	10	4	2	1	NA					NA					NA				
B.Sc.	10	13	5	4	NA					NA					NA				
B.Com.	27	20	7	7	NA					NA					NA				

6.Details of Tests cleared by Students : Nil

7.Library

(a) Total Number of Books : 1085

(b) Total Number of Journals : 2

(c) Total Number of Periodicals : 8

(d) Numer of titles added during the year: 429

8.Grants Received Froml

(a) State Government : Nil

(b) Central Government : Nil

(c) University Grant Commission : Nil

(d) Others - Specify : Nil

9.Projects Undertaken : Nil

10.Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

12.Publications by the Faculty with Impact factor of the Publications: Nil

13.Research Highlights of Faculty/Scholars : Nil

14.Academic Achievements : Nil

15.Student Achievements – Academic : Nil

16.Students Activities/ Achievements –(Extra Curricular) : Nil

17.Industry Varsity Linkage : Nil

18.Academic Tie-Ups ( if any ) : Nil

19.Student Progression : Nil

20.Campus Recruitment ( if any ) : Nil

21.Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23.List of Research Guides in your College (With e-mail and website) : Nil

# TRAINING COLLEGE (AIDED)

## TITUS II TEACHERS COLLEGE, TIRUVALLA

**1.Name of the College** (With e-mail and website): TITUS II TEACHERS COLLEGE, TIRUVALLA  
E-mail: [tituscollege@gmail.com](mailto:tituscollege@gmail.com), [www.tituscollege.org](http://www.tituscollege.org)

**2.Name of the Principal** : Dr. K.S. George

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	6	5	Nil	Nil	11
Non Teaching	12	2	Nil	Nil	14

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phi	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed.	18	124	M.Ed.	4	26						

### 5.Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phi	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed.	15	127	15	127	M.Ed	4	21	4	20										

**6.Details of Tests cleared by Students (if any) :** Nil

### 7.Library

- (a) Total Number of Books : 12772  
 (b) Total Number of Journals : 8  
 (c) Total Number of Periodicals : 42  
 (d) Additions during the period : 99

### 8.Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Rs. 31,89,170/-  
 (d) Others - Specify : Nil

### 9.Projects Undertaken

: Nil

### 10.Seminars Conducted

- (a) State Level : UGC Sponsored 2 day Seminar at Titus II Teachers College, Tiruvalla on Human Rights & Value Education on 2<sup>nd</sup> and 3<sup>rd</sup> June 2011. All teachers of this college were attended.  
 Workshop on 'Research Methodology in Education – on 25<sup>th</sup> to 31<sup>st</sup> July 2011 held at Titus II Teachers College, Tiruvalla.  
 (b) National Level : Nil  
 (c) International Level : Nil

### 12. Seminars Conducted by Faculty (Name wise –with details)

- (a) State Level :  
 (b) National Level : National Level Workshop on Research Methodology from July 24<sup>th</sup> to 31<sup>st</sup>, 2011 conducted by Dr. Sunila Thomas & Dr. Koshy P. Chacko.

(c) International Level : Nil

#### **12. Publications by the Faculty with Impact factor of the Publications**

- Dr. Sunila Thomas: "Impact of Collaborative Learning on Mathematical Attitude of different learning style groups at Secondary Level" published in GCTE Journal of Research & Extension in Education, volume 6 No. (2) July 2011 ISSN09475-5144.
- Dr. Mini John Awareness and Management of Man made disasters among Secondary School Students in GCTE Journal of Research and Extension in Education. Vol 6 (1) Jan. 2011. ISSN 0975-5144
- Mansoon Diseases : General Awareness and preventive practices among Secondary school students in Journal of Studies in Teacher Education. Vol. 3, Issue 2. Dec. 2010. ISSN 2229-202 X

#### **13. Research Highlights of Faculty/Scholars :**

- Dr. K. K. John: Supervised M.Ed. Study on "Achievement Motivation, Level of Aspiration and Self – Esteem among Higher Secondary School Students" in March 2011.
- Dr. Koshy P. Chacko Supervised M.Ed. study on "Social Competence, Emotional Intelligence and Home Environment of Secondary School Students" in March 2011.
- Supervised M.Ed. study on "Parental Encouragement, Educational Aspiration and study habits among secondary school students" in March 2011.
- Dr. Sunila Thomas : Supervised M.Ed. study on "Role of Peer Group Interaction on Scientific Creativity and Academic Achievement of Secondary School Students" in March 2011.
- Dr. Mini John: Supervised M.Ed. Study on "Legal Awareness and Self Assertiveness: Relevance on Leadership Emergence among secondary school students" in March 2011.

#### **14. Academic Achievements**

##### **Dr. T. K. Mathew :**

1. Participated in the International Conference on Quality Assurance in Higher Education: Expectations and Achievement on 02- 04 March 2011 hosted by NAAC, Bangalore, India, organized by Asia Pacific Quality Network Conference (apqn) 2011.
2. Participated in the State Level Seminar on Human Rights and Value Education at Titus II Teachers College, Tiruvalla on 2<sup>nd</sup> and 3<sup>rd</sup> June 2011.
3. Served as Resource Person of the One Day seminar of the consortium of physical science Teacher Educators held at St. Joseph's Training College, Mannanam on 4<sup>th</sup> June 2011.
4. Research Highlights: Supervised M.Ed study on "Interest and Attitude of Secondary School Students towards oval communication in English" in March 2011.

##### **Dr. Koshy P. Chacko**

- 1 Participated in the State Level Seminar on Human Rights and Value Education at Titus II Teachers College, Tiruvalla on 2<sup>nd</sup> and 3<sup>rd</sup> June 2011.

##### **Dr. Sunila Thomas:**

1. Attended National Workshop on Educational Research conducted by GCTE, Thycad, Trivandrum 10<sup>th</sup> Feb 2011 to 14<sup>th</sup> Feb. 2011.

##### **Dr. K.S. George, Dr. T.K. Mathew, Dr. Koshy P. Chacko, Ms. Betsy Joseph E., Mr. Pramod Thomas George.**

1. Participated in the International Lecturer Course on Science and Religious Beliefs held at Shantigiri Ashram, Aluva, Cochin on 12-14 October 2011 organized by Mar Thoma Higher Education Commission in collaboration with the Faraday Institute of Science and Religion, Cambridge, U.K.

##### **Dr. Sunila Thomas, Dr. Mini John, Ms. Betsy Joseph E., Mr. Pramod Thomas George**

- 1 Participated in the UGC sponsored National Seminar on Spiritual Intelligence – A paradigm for Holistic Development among learners on 21<sup>st</sup> and 22<sup>nd</sup> July 2011 at N.S.S. Training College, Chenganacherry.

#### **15. Student Achievements - Academic**

#### **16. Students Activities/ Achievements –(Extra Curricular)**

- (a) National Cadet Crops
- (b) National Service Scheme
- (c) Arts Festivals

A workshop on Folksongs was conducted along with the orientation programme on 25<sup>th</sup> November at Charalkuknu. Sri. C.J. Kuttappan, Chairman, Kerala State Folklore Academy led the sessions. This was followed by a cultural evening from 6.30 pm till 12.00 students displayed their talents.

Inter collegiate light Music competitions were conducted on 17<sup>th</sup> June 2011. 30 students were participated. Cash prizes and trophies were distributed. Mar Thoma College, Tiruvalla were the overall champions and Government College of Teacher Education, Thiruvananthapuram were the runners up.

The arts festival was held on 1<sup>st</sup> September with various inter house competitions. Onam was celebrated with traditional feavour on 2<sup>nd</sup> September 2011. Completions in Pookkalam and various minor games and a tug of war was arranged. An Onasadhy was also arranged.

- (d) Sports & (e) Games

The college organized the Principals' Trophy Inter B.Ed. Shuttle Badminton Tournament in which 11 teams participated. Our college bagged second place in the women's singles. The college participated in the Inter B.Ed. Athletic Championship held at ST. Joseph's Training College, Mannanam, Kottayam. We were first in March Past competitions and stood third place in overall point. Mr. Abin Alexander was the individual champion in the meet securing thirteen points.

The college organized intramural competitions for men and women in different games. Games competitions were held in shuttle badminton, chess, caroms, table tennis, volleyball, throw ball, cricket and football. The college conducted annual sports meet with a colourful march past. All students actively participated in games and sports activities of the college during the last year.

- 17. Industry Varsity Linkage (If any) : Nil
- 18. Academic Tie-Ups ( if any ) : Nil
- 19. Student Progression ( Brief about the past students )
- 20. Campus Recruitment ( is any ) : Nil
- 21. Number of PhD's Produced : Nil
- 22. Research Scholars Registered in the College : Nil
- 23. List of Research Guides in your College : Nil

## TRAINING COLLEGE (UNAIDED)

### Marthoma Teachers' Training College, Edakulam, Ranni

**1. Name of the College** (With e-mail and website): Marthoma Teachers' Training College, Edakulam, Ranni web site. [www.marthomatcollege.org](http://www.marthomatcollege.org)  
**Email.** [marthomattrainingcollege@yahoo.co.in](mailto:marthomattrainingcollege@yahoo.co.in)

**2. Name of the Principal** : Dr. Geetha Gopinath

#### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	7			
Non Teaching	3	3			

#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed	130										

## 5.Student Intake 64

Under Graduate	Intake, those Appeared in the Examination and Passed M-Men, W-Women																		
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	11	53	11	53															

6.Details of Tests cleared by Students : Nil

### 7.Library

- (a) Total Number of Books : 6292  
 (b) Total Number of Journals : 5  
 (c) Total Number of Periodicals : 6  
 (d) Numer of titles added during the year

### 8.Grants Received From

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

9.Projects Undertaken : Nil

10.Seminars Conducted : Nil

11. Seminars Conducted by Faculty : Nil

12.Publications by the Faculty with Impact factor of the Publications : Nil

13.Research Highlights of Faculty/Scholars : Nil

14.Academic Achievements : Nil

15.Student Achievements - Academic (A Short Description) : Nil

16.Students Activities/ Achievements -(Extra Curricular) : Nil

(a) National Cadet Crops : Nil

(b)National Service Scheme : Nil

(c) Arts Festivals: **Won second Prize in mimicry - M.G University youth festival**

(d) Sports : Nil

(e) Games : Shuttle badminton doubles first prize and overall runners up in Inter training College shuttle badminton tournament conducted by Titus II teachers training College, Thiruvalla

17.Industry Varsity Linkage : Nil

18.Academic Tie-Ups ( if any ) : Nil

19.Student Progression : Nil

20.Campus Recruitment ( if any ) : Nil

21.Number of PhD's Produced : Nil

22. Research Scholars Registered in the College : Nil

23.List of Research Guides in your College (With e-mail and website) : Nil

## St.Mary's Women's College for Teacher Education, Paliakara, Thiruvalla

1. Name of the College : St.Mary's Women's College for Teacher Education, Paliakara, Thiruvalla.

[stmarysteachereducation@yahoo.co.in](mailto:stmarysteachereducation@yahoo.co.in)

[www.stmarysbedcollege.org](http://www.stmarysbedcollege.org)

4. Name of the Principal: Mrs.Elizabeth Baby

### 5. Staff Profile ( Women only)

Teaching : 9

Non Teaching : 5



- 4. Courses offered** : B.Ed  
**5. Students Intake** : 67  
**7. Library**  
 (a) Total Number of Books : 3036  
 (b) Total Number of journals : 4  
 (c) Total Number of Periodicals : 3  
**8. Grants Received** : Nil  
**9. Projects Undertaken** : Nil  
**10. Seminars Conducted**  
 (a) State Level : Nil  
 (b) National Level: Mrs. Bindu G.K. conducted National Seminar on Equanimity for Spiritual Intelligence  
 Mrs.Sreeja S. Nair & Mrs.Bindu .C. on Stress Management & Spiritual Intelligence  
 (c) International Level: Mrs.Bindu G.K. Lect. in Physical Science on Conflict Management Mrs.Shiny Jacob Lect in Natural Science on special education & Constructivism  
 Mrs. Sreeja S. Nair on Inclusive Education  
**12. Publication by Faculty:** Integation of ICT with Constructivism –by Mrs.Sreeja S. Nair published in GCTE Biannual journal Tvm.  
**13. Research Highlights:** Mrs.Sreeja .S. Nair pursuing part time Research in Education Pondichery Central University  
 Mrs.Elizabeth Baby, Principal pursuing part time Research in Education-Kerala University  
**15. Students achievements:** 4 students credited with A+ grade in all the subjects First & Second Semester B.Ed Examination  
**16. Students achievements ( Extra Curricular ):** College Level only

## ENGINEERING COLLEGE

### CAARMEL ENGINEERING COLLEGE

- 1. Name of the College** : CAARMEL ENGINEERING COLLEGE  
 E.mail- [info@bcccaarmelcollege.org](mailto:info@bcccaarmelcollege.org)  
 Website- [www.bccaarmelcollege.org](http://www.bccaarmelcollege.org)

- 2. Name of the Principal** : Dr.JOBI V PAUL

**3. Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	41	67	2	Nil	110
Non Teaching	78	25	1	Nil	104

**4. Courses Offered with Number of seats**

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
B.Tech	764	517	MBA	44	59

**5. Student Intake**

Intake, those Appeared in the Examination and Passed M-Men, W- Women									
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Tech	218	159	58	121	MBA	19	11	9	8

**6. Details of Tests cleared by Students: Nil**

**7. Library**

- (a) Total Number of Books : 19996
- (b) Total Number of Journals : 107
- (c) Total Number of Periodicals : 16
- (d) Number of titles added during the year : 1439 Books,31 Journals,4 Periodicals.

**8. Grants Received from**

- (a) State Government
- (b) Central Government } Nil
- (c) University Grant Commission
- (d) Others – Specify

**9. Projects Undertaken** - Separate Sheet Attached

**10. Seminars Conducted** - Separate Sheet Attached

**11. Seminars Conducted by faculty** - Separate Sheet Attached

**12. Publications by the Faculty with Impact factor of the Publications**

**13. Research Highlights of Faculty/Scholars** (A Short Description)

**14. Academic Achievements** (A Short Description)

**15. Students Achievements- Academic** (A Short Description)

**16. Students Activities/ Achievements**-(Extra Curricular)

- (a) National Cadet crops
- (b) National Service Scheme } Separate Sheet Attached
- (c) Arts Festivals
- (d) Sports
- (e) Games

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie- Ups** (if any) : Nil

**19. Student Progression** : Nil

**20. Campus Recruitment**(if any)

Sl. No	Name of the firm	No.of Students Attended		No.of Students Selected	
		M	W	M	W
1	WIPRO	10	7	3	1
2	HCL Technologies	10	25	1	12
3	HCL B Service	10	8	1	2
4	Poornam	5	0	1	0
5	All Sec	15	5	2	0
6	CSS-SNIT	20	15	10	5
7	CSS- Caarmel	15	25	3	14
8	Six Dee	10	5	2	0
9	HCL B Service Mount Zion	5	5	0	1
10	L Cube	30	15	4	2
11	APT facility Service	20	5	6	0
12	Sutherland	25	25	15	20
13	Merchant navy	50	0	6	0
14	Sun TECH	10	5	0	1
15	Serces	10	5	1	1

**21.Number of PhD's Produced:** Nil

**22 Research Scholars Registered in the college:** Nil

### 23. List of Research Guides in your college

1. Dr.Abraham Varghese, Professor, Basic Science, Research guide in Chemistry, M.G University [e.mail-abrahamvarghese552001@yahoo.co.in](mailto:e.mail-abrahamvarghese552001@yahoo.co.in)
2. Dr.Shaji Varghese, Professor, Basic Science, Research guide in Physics, M.G University [e.mail-ShajiV55@gmail.com](mailto:e.mail-ShajiV55@gmail.com)
3. Dr.M.J. Selvadas, Director, MBA, Research guide of Kerala University & Bharathiar University e.mail- [dselvadasd@yahoo.com](mailto:dselvadasd@yahoo.com)

## Mount Zion College Of Engineering, Kadammanitta

1.Name of the College : Mount Zion College of Engineering, Kadammanitta  
[mountzion01@sify.com](mailto:mountzion01@sify.com)  
[www.mountzioncollege.org](http://www.mountzioncollege.org)

2.Name Of the Principal : Prof. P.C.Mohandas

### 3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	32	79			111
Non Teaching	34	17			51

### 4.Courses Offered with Number of seats

Under Graduate	Number of Seats	Post Graduate	Number of Seats	M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men / Women		Men / Women		Men	Women		Men	Women
B. Tech	420	MBA	60						
		MCA	60						

### 5.Student Intake

Under Graduate	Intake, those Appeared in the Examination and Passed M-Men, W-Women															
	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	App ear ed		Ph. D	App eare d		Passe d
	M	W	M	W		M	W	M	W		M	W		M	W	
B.Tech	214	199	29	81	MBA	17	43	-	11							

6.Details of Tests cleared by Students : Nil

### 7.Library

- (a) Total Number of Books : 20358
- (b) Total Number of Journals : 35
- (c) Total Number of Periodicals : 10
- (d) Number of titles added during the year : 2000

### 8.Grants Received From

- (a) State Government : Nil
- (b) Central Government : Nil
- (c) University Grant Commission : Nil
- (d) Others - Specify : Nil

**9. Projects Undertaken :** Nil

**10. Seminars Conducted**

- (a) State Level
- (b) National Level: National Seminar in Digital Image Processing Feb/March 2011  
National Conference in Emerging Trends in Management, Computing and Communication. May, 2011
- (c) International Level

**11. Seminars Conducted by Faculty (Name wise –with details)**

- (a) State Level
- (b) National Level

**Prof. Mathew K**

Presented a paper on Technique for Super Resolution Image Reconstruction in the 3<sup>rd</sup> Annual Research Congress (KUARC 2011) held at Karpagam University, Coimbatore.

**Prof. Dr. Varghese Mathew**

- a. Participated in the National Science Congress, Thiruvananthapuram. January 2011
- b. Served as a Resource Person in the Seminar on International Year of Chemistry at the B.A.M College, Thuruthicad in February 2011
- c. Resource Person, 100 Lecture series organized by Bishop Moore College Mavelikara in November 2011

**Prof. Mathew K**

- a. Participated in the National Seminar on Recent Trends in Information Technology organized by School of Computer Science, M G University.
- b. Participated in the National Seminar on Impact of Self Financing Institutions on Quality & Standards in Teaching Education.
- c. Participated in the National Seminar on Digital Image Processing organized by the Santhigiri College.

- (c) International Level

**Prof. Mathew K**

Participated in the International Seminar on “International Management Development Programme on IT/IS Management Research-Theoretical and Methodological Paradigms organized by KMM College, Thrikakara December 2011

Paper presented on “Resolution Enhancement of Biomedical Images to Augment analysis” International Conference on VLSI and Communication, Pathamuttom. Kottayam December 2011

**12. Publications by the Faculty with Impact factor of the Publications :** Nil

**13. Research Highlights of Faculty/Scholars :** Nil

**14. Academic Achievements :** Nil

**15. Student Achievements - Academic (A Short Description) :** Nil

**16. Students Activities/ Achievements –(Extra Curricular) :** Nil

(a) National Service Scheme

(b) Arts Festivals

(c) Sports

(d) Games

**17. Industry Varsity Linkage :** Nil

**18. Academic Tie-Ups ( if any ) :** Nil

**19. Student Progression :** Nil

**20. Campus Recruitment ( if any )**

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	HCL TECHNOLOGIES	20	30	5	3
2	HCL B.SERVE	50	60	13	12

21. Number of PhD's Awarded so far : Nil  
 22. Research Scholars Registered in the School : Nil  
 23. Alumni Activities (With e-mail and website) : Nil

## Musaliar College of Engineering and Technology, Pathanamthitta

1. Name of the School (with e-mail and website) : Musaliar College of Engg. & Technology  
[www.musaliarcollege.com](http://www.musaliarcollege.com)  
[principal@musaliarcollege.com](mailto:principal@musaliarcollege.com)

2. Head of the School/Department : Dr. P.G Mathews

### 3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	67	91	3	NIL	158
Non Teaching	43	16	1	NIL	59

### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats (including fee waiver + lateral entry)		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
Civil 1 year 2 year 3 year 4 year	32 47 43 39	29 21 28 29	MBA 1 year 2 year	38 30	21 21						
Mechanical 1 year 2 year 3 year 4 year	114 114 71 70	0 3 0 0	MCA	10	21						
EEE 1 year 2 year 3 year 4 year	45 52 55 39	11 6 12 28	M TECH CIM	6	1						
EC E 1 year 2 year 3 year 4 year	29 40 65 52	52 73 36 48	M TECH VLSI & Embedded Systems	4	14						
CSE 1 year 2 year 3 year 4 year	16 24 17 17	19 33 36 42									

## 5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
CE																			
1 <sup>st</sup> year	47	21	10	14															
S4	43	28	8	11															
S6	39	29	8	19															
S8	46	15	10	13															
ME																			
1 <sup>st</sup> year	114	3	33	2															
S4	71	0	13	0															
S6	70	0	25	0															
S8	67	0	40	0															
EE																			
1 <sup>st</sup> year	52	6	20	2															
S4	55	12	7	5															
S6	39	28	22	21															
S8	30	23	17	16															
EC																			
1 <sup>st</sup> year	40	73	11	44															
S4	65	36	5	33															
S6	52	48	21	36															
S8	51	43	30	42															
CS																			
1 <sup>st</sup> year	24	33	3	6															
S4	17	36	9	21															
S6	17	42	8	21															
S8	12	50	6	47															

6. Details of Tests cleared by Students : Nil

### 7. Library

- (a) Total Number of Books : 25700 (3635 Titles)  
 (b) Total Number of Journals : 202  
 (c) Total Number of Periodicals : 58  
 (d) Number of titles added during the year : 800

### 8. Grants Received From

- (a) State Government : SC-ST Scholarship – 15  
 Merit come Means – 18  
 Central Sectors Scholarship - 2  
 (b) Central Government :  
 (c) University Grant Commission :  
 (d) Others – Specify :

9. Projects Undertaken : Nil

10. Seminars Conducted : Nil

### 11. Seminars Conducted by Faculty(Name wise –with details)

- (a) State Level  
 (b) National Level  
 i. Prof. Dhanya.R Presented a paper on “mobile computing” a national conference at Mahendra college of engineering, Erode.  
 ii. Prof. Ajesh F Presented a paper on “Optimal network defense for jammer attack in wireless sensor network” in national Conference at Einstein Engineering College, Thirunelveli.

- iii. Prof. Ajesh F Presented a paper on “Optimal network defense for jammer attack in wireless sensor network” in national Conference at Kongu Engineering College, Coimbatheer
- iv. Prof. Ajesh F Presented a paper on “Energy efficient FPGA based decoder ” in national Conference at Francis Xavier Engg. College, Thirunelveli.
- v. Prof. Shyma Kareem Presented a paper on “ A Quality of Service Routing Protocol using Node life time and RSA Algorithm” in national conference at Mount Zion College of Engineering and Technology, Pathanamthitta.
- vi. Prof. Bincy Cheriyan Presented a paper on “Micro stepping mode of stepper motor control” in National conference at SaintGits College of Engineering, Kottayam. Prof. Renuka Devi Presented a technical paper on “Power Electronics Systems and Management” in National Conference at SaintGits College of Engineering, Kottayam.
- vii. Prof. Lince Sunny Presented a technical paper on “Technological Trends” in National Conference at CET, Trivandrum.
- viii. Prof. Anand N Presented a technical paper on “Vibration control of variable speed rotating beams by using semi fluids” in National Conference at Bharath Nikethan Engg college , Chennai

(c) International Level

- Prof. Paul A.J “Matrix based key generation to enhance key avalanche in advanced encryption standard” , Presented in International conference on VLSI
- Prof. Ajesh F Presented a paper on “Prevention for effective jamm attack in WSN” in International Conference at Sun College of engineering and technology.
- Prof. Ajesh F Presented a paper on “A novel approach for jamming avoidance and detection in WSN” in International Conference at Indian engineering congress, Bangalore
- Prof. Sudeepkumar N Presented a paper on “A novel approach for jamming avoidance and detection in WSN” in International Conference at Indian engineering congress, Bangalore
- Prof.Sunil Thomas Karickom Presented a paper on “A novel approach for jamming avoidance and detection in WSN” in International Conference at Indian engineering congress , Bangalore

**12. Publications by the Faculty with Impact factor of the publications** (A short Description)

- Prof. Paul A.J “Matrix based key generation to enhance key avalanche in advanced encryption standard” , Proceedings of International conference on VLSI, Published by Foundation of Computer Science , April 2011
- Prof Shermin S “ Sliding window coefficients on generalized Random reduction frame work for recent biased time series analysis published in international journal of computer appilication march 2011
- Prof Divya S “sharp color Edge preservation HOI “ IJCA Sept 2011.
- Prof. Shan M Azeez “Design and Analysis of Spray Nozzle type de super heater for controlling steam temperature .
- Prof. Ajesh F.”A new approach for jamming avoidance & detection in WSN” IJCA Sept 2011
- Prof. Ajesh F.”A new approach for visual fire detection in “ IJCT March 2011

**13. Research Highlights of Faculty/ Scholars** (A short Description)

- Prof. Paul A.J “An approach towards the development of an efficient encryption scheme”
- Prof. Shihabudeen A. ”Non linear flow with linear flow model”
- Prof. Shermin S. ”Graph augmented Algorithm for modeling multiple timing faults in communication protocol”

- 14. Academic Achievements (A short Description) : Nil
- 15. Student Achievements – Academic (A short Description) : Nil
- 16. Students Activities/ Achievements –(Extra Curricular) : Nil

(a) National Service Scheme

1. Health awareness Day
2. NSS Special Camp (11/03/2011 to 18/03/2011)
3. Environmental day
4. Blood donation day
5. From October 2<sup>nd</sup> one week “Sevana vaaram”

(b) Arts Festivals:

A technical fest ‘Avishkar 2011’ was conducted during 17th to 19th March 2011 which included exhibitions by various departments, auto expo, technical and cultural events. Students from more than hundred colleges participated in the event.

(c) Sports

- i. Muhammed Asif Ali of Third year CSE has won 1<sup>st</sup> prize in Pathanamthitta District Table Tennis (Senior), 1<sup>st</sup> prize in Pathanamthitta District Table Tennis (Junior) and Represented Pathanamthitta District in State Championship.
- ii. Jobin Raj of Second year Civil Represented Pathanamthitta District in State Volley Ball Tournament.
- iii. Joby Joseph of First year – TAEKWONDO International summit Silver Medalist.

(d) Games

**17. Industry Varsity Linkage** : Nil

**18. Academic Tie-Ups (If any)**

- a. APTECH, Pathanamthitta
- b. MULTIDATA INDIA, Thiruvananthapuram
- c. CADD Centre, Pathanamthitta
- d.  $\mu$ -Tech, Ernakulam

**19. Student Progression** : Nil

**20. Campus Recruitment (If any)**

Sl No.	Name of the firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1.	HCL Technologies	38	79	15	21

**21. Number of PhD’s Awarded so far** : Nil

**22. Research Scholars Registered in the School** : Nil

**23. Alumni Activities (with e-mail and website)**

Website: [www.musaliarcollege.com/alumni](http://www.musaliarcollege.com/alumni) Email: [alumni@musaliarcollege.com](mailto:alumni@musaliarcollege.com)

## SREE BUDDHA COLLEGE OF ENGINEERING FOR WOMEN, AYATHIL, ELAVUMTHITTA

**1.Name of the College** : SREE BUDDHA COLLEGE OF ENGINEERING FOR WOMEN

[sbcwae@gmail.com](mailto:sbcwae@gmail.com), [www.sbcw.ac.in](http://www.sbcw.ac.in)

**2.Name of the Principal:** Dr. Ajaya Kumar.V

**3.Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	12	40	Nil	Nil	52
Non Teaching	12	14	M-2 W-1	Nil	26



#### 4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats		M. Phil	Number of Seats		Ph. D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Tech Applied Electronics & Instrumentation Engg.	-	60	-	-	-	-	-	-	-	-	-
B.Tech. Electronics & Communication Engg.	-	60	-	-	-	-	-	-	-	-	-
B.Tech. Civil Engg.	-	60	-	-	-	-	-	-	-	-	-
B.Tech. Computer Science & Engg.	-	60	-	-	-	-	-	-	-	-	-
B.Tech. Electrical & Electronics Engg.	-	60	-	-	-	-	-	-	-	-	-

**5. Student Intake** : College started in 2009. Final Year Examination will be in March 2013

**6. Details of Tests cleared by Students (if any)**

**7. Library**

- (a) Total Number of Books : 7658  
 (b) Total Number of Journals : 52  
 (c) Total Number of Periodicals : 7  
 (d) Number of titles added during the year : 231

**8. Grants Received From**

- (a) State Government : Nil  
 (b) Central Government : Nil  
 (c) University Grant Commission : Nil  
 (d) Others - Specify : Nil

**9. Projects Undertaken** : Nil

**10. Seminars Conducted** : Nil

**11. Seminars Conducted by Faculty** : Nil

**12. Publications by the Faculty with Impact factor of the Publications** : Nil

**13. Research Highlights of Faculty/Scholars** : Nil

**14. Academic Achievements** : Nil

**15. Student Achievements - Academic** : Nil

**16. Students Activities/ Achievements –(Extra Curricular)**

- (a) National Cadet Crops : Nil  
 (b) National Service Scheme: Conducted Two Special Camps  
 1) 7 day's Camp at Pookytha Colony. Cleaned the colony pond, road , etc.  
 2) 7 day's Camp at Punnakkulanji Colony. Conducted a Socio – Economic Survey in the Colony. Cleaned the premises of Public Health Centre at Ullannoor.  
 (c) Arts Festivals: Won II<sup>nd</sup> Prize for Group Dance in M.G. University Youth Festival 2011.  
 (d) Sports : Nil  
 (e) Games : Nil  
**17. Industry Varsity Linkage (If any)** : Nil  
**18. Academic Tie-Ups ( if any )** : Nil  
**19. Student Progression ( Brief about the past students )** : Nil  
**20. Campus Recruitment ( if any )** : Nil