



Annual Report 2012

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

HON'BLE GOVERNOR OF KERALA

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

Registrar

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Controller of Examinations

Dr. THOMAS JOHN MAMPRA

Finance Officer

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This Annual Report for 2012 of Mahatma Gandhi University, Kottayam
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 2012

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
സഹജലിന്ദൻപിൻ ഉറവും കനിവും
സമഭാവനയും തണൽ വീശും
വിജ്ഞാനത്തിൽ വിശാലസുന്ദര
വീഥിയിലൂടെ നയിച്ചാലും!

തമസോ മാ ജ്യോതിർഗമയ!
അമൃതം ഗമയ! സദ്ഗമയ!



Our Motto

“Vidyayaamruthamasnuthe”



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”.

MAHATMA GANDHI UNIVERSITY

Mahatma Gandhi University, one of the four affiliating Universities in Kerala, is the premier educational institution that strives to fulfill the higher educational needs of the people of Central Kerala. Set on the sprawling 110-acre Priyadarsini Hills Campus at Athirampuzha, 13 kms off Kottayam, the University also has ten satellite campuses in parts of Kottayam and the neighbouring districts. The University was established on 2nd October 1983 and has jurisdiction over the revenue districts of Kottayam, Ernakulam, Idukki and parts of Pathanamthitta and Alappuzha. It is a university that conducts a range of programmes at the undergraduate, postgraduate, M Phil and doctoral levels through its 18 University Departments, 6 Inter University Centres, 8 Inter School Centres, 36 Self-Financing Departments, 82 Aided Affiliated Colleges (of which 8 are Colleges with Potential for Excellence), 202 Unaided Affiliated Colleges and 273 Recognized Research Institutes. It imparts education in the interdisciplinary as well as conventional disciplines of science, social science and humanities besides in the professional disciplines of Engineering, Technology, Legal studies, Pedagogy, Pharmacy and Nursing. The University has also made its educational presence felt outside the territorial jurisdiction through a chain of Off-campus Centres under the School of Distance education.

From its inception, Mahatma Gandhi University has made immense strides in the fields of interdisciplinary teaching and research in the areas of pure and applied sciences, social sciences and 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 interdisciplinary as the basic conceptual plan 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 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, DIT, DST (Nano Mission), 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, Trent University, Canada, IPF Dresden, Germany, University of Paris and University of Strasbourg. 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 recent development in the inter disciplinary initiatives of the University is the establishment of fourteen interface centres of teaching and innovative research, of which five are Inter-University Centres exemplifying institutions of convergence, an emerging academic feature of importance. Advanced Centre of Environmental Studies and Sustainable Development, Inter University Centre for Bio Medical Research, Inter University Centre for Disability Studies, Inter University Centre for Social Science Research and Extension, Inter University Centre for Studies in Science of Music and Instrumentation Center are conceived to consolidate the strengths in various Universities in the specified area. Institute for Intensive Research in Basic Sciences, Centre for Nano Science and Nano Technology, Centre for English Language and Communication Skills, Centre for International Co-operation, Institute for Contemporary Chinese Studies, Dr. K N Raj Centre for Planning and Center-State Relations, Advanced Molecular Materials Research Centre and Center for High Performance Computing envisage advanced studies independently.

Introduction of a series of merit cum means scholarships has been the yet another new initiative by way of social preparations. ASPIRE, INSPIRE, THANMA and ACQUIRE are the main scholarships implemented in the University. The University is doing the state wide coordination of both THANMA and ACQUIRE. ASPIRE is a scholarship scheme for students who aspire to carry out short term research programmes in science, social sciences, humanities and fine arts. The scholarship is to provide opportunities for potential students to pursue short term studies at postgraduate or research level in Institutions of Higher Learning, in areas of their interest. THANMA is the scholarship for nurturing literary talent and ACQUIRE for attracting brilliant students to the faculty of Social Sciences. INSPIRE is the flagship programme of Government of In order to provide opportunities for the students to get deeper insight into their subjects of study Erudite Scholar-in-Residence programme was also initiated in which several Nobel Laureates and other academics of comparable eminence are invited for direct interaction with them.

Mahatma Gandhi University's academic growth during the past has been phenomenal in terms of the number of new academic initiatives launched, curricular revisions undertaken, research grants received, research collaborations entered into, extension activities organized, research papers published, national and international seminars hosted, student support programmes conducted, quality enhancement measures initiated, infrastructural support generated, resource mobilization, and distinctions and achievements acquired. The University is quite prominently placed on the international academic map through its entry into the Obama-Singh 21st Century Knowledge Initiative as the lone affiliating University in India. Today, Mahatma Gandhi University was ranked first in Kerala, third in South India and 28th in India. CSIR has ranked the University thirteenth in India in terms of intellectual productivity and NISTADS has rated it nineteenth in terms of h-index of the science faculty. DST has ranked the University 8th among the 29 Universities under the PURSE programme

The University has been able to make these gains thanks to the healthy environment of academic interaction. All components of the teaching-learning system contribute toward making the process of learning student- friendly. The 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 around-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.

MEMBERS OF THE SYNDICATE

Prof.(Dr.) Rajan Gurukkal P. M, Vice- Chancellor

Dr. Rajan Varughese, Pro-Vice Chancellor

Secretary to Government, Higher Education Department

Secretary to Government, Finance Department

Director of Collegiate Education

Secretary to Government, Information Technology Department

Dr. M. C. Dileep Kumar, HOD, Department of Commerce, Cochin College

Prof. B. Suseelan, Rtd. Principal

Dr. K. V. Narayana Kurup, Associate Professor, NSS Hindu College, Changanacherry

Sri. Abraham Kalamannil, Chairman, Mout Zion Group, Kozhencherry

Prof.(Dr.)P K. Somasekharan Unni, DIST, Angamaly South

Dr. C.V.Thomas, Associate Professor, Department of English, St. Stephens' College, Uzhavoor

Sri. George Varghese, Rtd. Joint Registrar, Mahatma Gandhi University

Dr. S Sujatha, Associate Professor and HoD, Department of English, NSS Hindu College, Changanacherry

Prof.(Dr.)K.M.Seethi, Professor, School of International Relations and Politics, Mahatma Gandhi University

Prof.(Dr.)Upot Sherine, Professor, School of Distance Education, Mahatma Gandhi University

Prof.(Dr.)Sabu Thomas, Professor, School of Chemical Sciences, Mahatma Gandhi University

Rev.(Dr.)Tomy Joseph, Principal, S B College, Changanacherry

Rev.(Dr.)Baby Sebastian, Principal, St. George College, Aruvithara

Sri.C.H. Abdul Lathif, Assistant Professor, Department of History, Maharajas College, Ernakulam

Prof. Satheesh Kochuparambil, Associate Professor, Department of Chemistry, D B College, Pamba, Parumala

Prof. N. Jayakumar, Associate Professor, Department of Political Science, Maharajs College, Ernakulam

Sri Benny Behannan, Member, Kerala Legislative Assembly

Sri.P.K.Firos, I MCA Student, KMM Arts and Science College, Thrikkakkara

Sri. C I Abdul Rahiman, Rtd. Director, KMEA Engineering College, Kuzhuvalippady, Edathala

Secretary, Sri. M.R.Unni, Registrar

UNIVERSITY TEACHING DEPARTMENTS

SCHOOL OF BIO SCIENCES

1. **Name of the School** : School of Biosciences; directormgusbs@gmail.com
2. **Head of the School** : Prof. Dr. J G Ray
3. **Staff Profile**

Category	Total Vacancy	Current Strength		Scheduled Caste	Scheduled Tribe	Total
		Men	Women			
Teaching	13	06	07 (1 on long leave)	02	Nil	13
Non-teaching						
(a) Permanent	12	06	1	Nil	Nil	10
(b) Temporary	02	01	01	Nil	Nil	02

4. Courses offered with number of seats

Undergraduate	Postgraduate	Number of Seats	M Phil	Number of Seats	Ph D	Number of Seats
Nil	M Sc Biochemistry	10	M Phil (Biosciences)	10	11 Branches	110
	M Sc Biotechnology	10				
	M Sc Microbiology	10				
	M Sc Biophysics	05				
	Total	35	Current admission	10	Current Admission	88
	Current Admission	35				

5. Student Intake (2011-12 & 12-13)

Intake, those appeared in the examination and passed: M – Men; W - Women																	
Postgraduate	Intake		Exam Appeared		Passed		M Phil	Intake		Exam appeared		Passed		Ph D	Degree Awarded		
	M	W	M	W	M	W		M	W	M	W	M	W		M	W	
M Sc Biochemistry	0	10	0	10	0	10	Bioscience	0	10	0	10	0	10	9	13	1	3
M Sc Microbiology	0	10	0	10	0	10											
M Sc Biotechnology	0	10	0	09	0	09											
M Sc Biophysics	1	04	05	05	0	05											

6. Publications of the Faculty with Impact factor of the Publications:

1. Ansil PN, Prabha SP, Nitha A, Wills PJ, Jazira V, **Latha MS** (2012) Asian Pacific Journal of Tropical Biomedicine, 2(1):83-89 (Impact Factor 0.352)
2. Prabha SP, Ansil PN, Nitha A, Wills PJ, **Latha MS** (2012) Asian Pacific Journal of Tropical Disease 2(2): 90-98 (Indexed Journal)
3. Nitha A, Ansil PN, Prabha SP, Wills PJ, **Latha MS** (2012) Asia Pacific Journal of Tropical Disease, 757-764(Indexed Journal)
4. **Latha MS**, Nitha A, Ansil PN, Prabha SP (2012) Int. J. Of Adv. In Pharma. Research, 3(12)1322-30 (Indexed Journal)
5. Jacob L and **Latha MS** (2012) Int. J. Of Drug Formulation and Res., 3: 81-92 (Indexed Journal)
6. Sheeba KO, Wills PJ, Latha B, Rajaleshmy R and **Latha MS** (2012) Asian Pacific J of Tropical Disease, 1-5 (Indexed Journal)
7. **Ray J G** and Thomas B (2012) Communications in Soil Science and Plant Analysis, Vol. 43 (17), 2247-2261(Impact Factor 0.51)
8. **Ray J G** and Thomas B (2012) Research Journal in Soil Biology (Paper Accepted)
9. Asha P, **Radhakrishnan EK**, **Jyothis M**, Shini Z (2012) Asian Pacific Journal of Tropical Biomedicine, 1-6 (Impact Factor 0.352)
10. Mini KD, Mini KP and **Jyothis M** (2012) Advances in Applied Science Research, 3 (4) 2073-2077 (Indexed Journal)
11. Mini KD, **Jyothis M**, Sampathkumar S, Mini KP (2012) European Journal of Experimental Biology 2 (4) 1261-1264
12. **Jyothis M** and Shini Z Asian Journal of Pharmaceutical and Clinical Research 5(3) 158-160 (Impact Factor 0.19)
13. Shini Z, Asha P, **Jyothis M** and Ravindran PC (2012) Asian Journal of Pharmaceutical and Clinical Research 5(4) 24-27(Impact Factor 0.19)
14. Anu P. Sebastian and **Keerthi T.R.** (2012).Asia Pacific Journal of Tropical Medicine. ISSN:(1995-7645) 412-420 (Impact Factor 0.352)
15. Savitha K. Koilery and **T. R. Keerthi.** (2012)International Journal of Pharma and Bio Sciences, ISSN 0975-6299.3(4):549-558. (Impact factor 0.47)
16. Aparna Balakrishna and **T. R. Keerthi.** (2012) Front. Chem. Sci. Eng. DOI 10.1007/s11705-012-1283-4. (Impact factor1.7)
17. Savitha K. Koilery and **T. R. Keerthi.** (2012)Res. J. Pharm. Biol. Chem. Sci .(ISSN: 0975-8585). 3 (2): 563-569 (Impact factor 0.47)
18. Anu P. Sebastian and **Keerthi T.R.** (2012)International Journal of Pharma and Bio Sciences, ISSN 0975-6299. 3(1): 327-334. (Impact factor0.47)
19. Anu P Sebastian, Jacob Anjali Anne, and **T. R. Keerthi** (2012) “The Global Voice of Probiotics”, International Probiotics Association. Internationalprobiotics.org/news/upload/pdf/33.pdf
20. Ambily P.S. and **Jisha M.S.** (2012) *Journal of Environmental Biology.* 33: 717-720. (Impact factor 0.64)
21. Aju K. Asok, Ratheesh K.K., Sherief P.M. and **Jisha M.S.** (2012) *Global Journal of Applied Environmental Sciences.* ISSN 2248-9932 Volume 2, Number 1 (2012)
22. Aju K. Asok and **Jisha M.S.** (2012) *Journal of Environmental Science and Technology* (5) 354-363 (Impact Factor 5.62)
23. Aju K. ASok and **Jisha MS** (2012) *Water Air and Soil Pollution* (Impact factor: 1.6)
24. Athul Sandheep R., Aju K. Asok and **Jisha M.S.** (2012) *International Journal of Pharma and Bio Sciences.* 2012 July; 3(3): (B) 706 – 716

25. Sharrel Rebello, Aju K. Asok, Sunil V. Joseph, Biljo V. Joseph, Leny Jose, Sathish Mundayoor and **Jisha M.S.** (2012) Appl Biochem Biotechnol (Impact factor 1.943)
26. Sreeja N, Tintu P, Indu CN and Jayachandran K (2012) Novus International Journal of Biotechnology and Bioscience 1(3) (Impact factor 1.2)
27. Pratheesh PT and **Jayachandran K** (2012) International Journal of plant, animal and environmental sciences, 2(3)
28. Amith A, Shaji P, Kuruvilla JC and **Jayachandran K** (2012) Bio Control .(Accepted for publication) *Impact Factor- 1.45*
29. Amith A, Sunilkumar PN, Shaji P, Divya GN, Aparna C and **Jayachandran K** (2012) Journal of Molecular Modeling (Impact Factor 1.797)
30. Seba G and **Jayachandran K** (2012) Journal of Applied Microbiology. Wiley Publication (Impact Factor 2.337)
31. **Jayachandran K** (2012) Book Chapter - Valorization of fermented food byproducts, 204-232, Taylor and Francis, CRC Press, New York
32. Itoh T, Tokunaga K, **Radhakrishnan EK** et al (2012) Chem Bio Chem, 13(8):1132-5
33. Mini KP, Mini KD, Ally CA, **Radhakrishnan EK** (2012) Int. J. of Pharma and Bio Sciences 3(3): (B) 163 - 172.
34. Anisha C, Jyothis M and **Radhakrishnan EK** (2012) Universal J. of Env't. Res. and Tech., 2 (3) 143-148
35. Aswathy AJ, Jasim B, Jyothis M, **Radhakrishnan EK** (2012) Biotech 1-6
36. **Roshmi T, Aswathy V, Jyothis M, Radhakrishnan EK** (2012) Nano Biomedicine And Engineering, 4 (3)
37. Suja P, **Radhakrishnan EK**, Jyothis M (2012) Asian Journal of Pharmaceutical and Clinical Research, 5(4) 207-210
38. Abhilash M, Sougand P MV, Mathews VV and **Harikumar N R** (2012) Drug and Chemical Toxicology, 1-6 (Impact factor 1.08)
39. Saugand P, Abhilash M, Mathews V V, Manju A and **Harikumar NR** (2012) Journal of the Science of Food and Agriculture (Impact factor 1.46)
40. Saugand P, Abhilash M, Mathews V V, Manju A and **Harikumar NR** (2012) Toxicology Mechanisms and Methods (Impact Factor: 1.03)

7. Research Highlights of the Faculty/Scholars

J G Ray: Principal Investigator of UGC Major Research Project on “Endomycorrhizal Studies in Musa Sp of South India”; Currently eight students are doing Ph D in the field of Ecology and Ecotechnology - area of research include Phytoremediation, Algal oil and biomass productivity, soil ecology – soil algae, eco-toxicology, Mycorrhiza. Member of Experts committee in Plant Sciences of the University Grants Commission, Government of India, New Delhi for the award of Research Projects. J G Ray presented papers in three national and regional Seminars. He is a member of American Agronomy Society, Crop Science Society of America and Soil Science Society of America; member of the Soil Science Council of the National Academy of Science of Ukraine; also full member of the Ukrainian Academy of Ecological Sciences.

Dr M S Latha: Completed many major Research Projects funded by KCSTE and UGC. She is currently working on pharmaceutically active biochemicals of different medicinal plants. Attended Kerala Science Congress and presented two papers; also attended a national seminar; produced one Ph D this year. Currently seven students are doing Ph D.

Dr Jyothis Mathew: Four student doing Ph D; two have submitted their thesis; Principal Investigator of a UGC Major Research Project ‘Studies on immunomodulatory effects of *Acacia catechu*’; Co-Investigator of two projects – DBT and ICMR Funded; The areas of research include characterization of medically important bacteria with emphasis on the study of emerging pathogens, studies on Immunomodulatory effects of common thirst quenchers used in Kerala, antimicrobial activities of some medicinal plants, microbial enzyme technology for the production of chitinase and proteases, and microbial degradation of some pesticides which are of common use in Kerala

Keerthi TR: Six students are doing Ph D in the area of Probiotics. One student has obtained Ph D in the current academic year. Presented a research paper in International Biotechnology Symposium, “IBS 2012”, September 16–21, 2012, Daegu, Korea and chaired a session in the same symposium. Attended and presented papers in about 11 national/regional seminars. Collaborative proposal with Rajiv Gandhi Centre for Biotechnology submitted to ICMR & It is under consideration after reviewing; Member of International Probiotics Association (IPA), Zurich, Switzerland, Asian Federation of Biotechnology (AFOB), Korea and Indian Dairy Association (IDA), New Delhi

Jayachandran K: Principal investigator of two major research project: - UGC Major Research Project entitled ‘Safety evaluation of the process of chlorination in drinking water systems’ and another Project of Kerala Biotechnology Commission entitled ‘Microbial quorum sensing and its Biotechnological applications’; Research area includes biodegradation of organic compounds - cellulose biodegradation - isolated a natural rubber latex degrading *Bacillus pantothenicus* from latex contaminated soil – designed bioreactor – develop microbial consortia for mixed organic compound degradation – do Quorum sensing - biological control of *Phytophthora* in Heavea: He has presented papers as invited speaker in two international conferences held in Kannur University and MG University; Acted as member of the MG University Senate and Academic Council, and also as member of the expert committee for syllabus revision. Five students are currently doing Ph D.

Jisha MS: Principal Investigator of two major research projects; one by UGC and other from KCSTE. Altogether eight students are currently doing Ph D – two have obtained Ph D in the current academic year. Attended and presented papers in 11 National/International Seminars. She organized a State level workshop in “molecular phylogenetics in microbiology” for teachers and researchers in this academic year.

Prakashkumar B: Principal Investigator of two Major Research Projects – DBT (21.1lakhs) and KCSTE (15.72 lakhs) funded. Currently three students are doing Ph D on Lipid mediators of Inflammation – 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 - Coordinates the DBT- BUILDER Mega Project in the School of Biosciences as its Principal Investigator – actively participating in the successful implementation of the DST PURSE Programme of the University

Linu Mathew: Principal Investigator of a UGC Major Research Project – Currently three students are doing Ph D – on different aspects of molecular bio-markers. Coordinator of Ph D Course Work in the School of Biosciences; Attended National Seminars.

Resmi SS: Teacher of Biophysics – carrying out Ph D Programme – Guide Postgraduate Students in their Project work.

Harikumar Nair R: Principal Investigator of one UGC Major Research Project – Six students are doing Ph D in the areas of cancer remedies and other applied aspects of animal physiology. Convener of the Human Ethical Committee in the School of Biosciences

Radhakrishnan EK: Principal Investigator of two major research projects – one funded by DBT and other by ICMR; Co-Investigator of two Projects funded by DBT and DST. Seven Students are currently working on Ph D Programme – major areas of research include endophytic microorganisms, microbial synthesis of metal nanoparticles, biofilm formation in coagulase negative *Staphylococci*, application of microbes for plant productive purposes and the like. Two research students received awards for presentations in seminars; first prize for poster presentation in the Seminar at Rubber Board and best paper award for paper presentation at BK College.

Anie Y: Three students are doing Ph D; Major areas of research include the alterations in neutrophil defense mechanisms during diseased conditions like diabetes mellitus, cardiovascular diseases and alcoholism – application of honey in wound healing. Convened a National seminar on “Life style and Diseases” conducted by the School of Biosciences on 20th and 21st January, 2012 at the School of Biosciences - attended 2 National seminars, 1 national workshop and one short-term course for research guides.

14. Academic Achievements

In the year 2012, Altogether 40 Research Papers have been published in high impact journals u ighin hhas been come out from the School of Biosciences. Our faculty have received grants worth 85 lakhs from UGC/KCSTE/DBT for Major Research Projects. Department also has received the prestigious DBR-MSUB funding worth 3 crores for Infrastructure Development and faculty support.

15. Student Achievements – Academic

Our postgraduate and M Phil students have obtained 100 % success in the current academic year.

16. Student Activities/Achievements

Bioscience Forum is a common association of Postgraduate and Research Students of the School of Biosciences who carry out several academic and other social activities for the overall development of the student community. In the current academic year they organized several academic seminars and also dedicated a day as the day of campus cleaning.

(a) National Service Scheme

Postgraduate students are free to become members of the National Service Scheme Unit of the University Campus; many of our students participate in the programmes

(b) Arts Festivals

Bioscience forum organized a day of Art-Fest for developing the artistic talents of the student community

(c) Sports & (d) Games

Students participated in the general sports and games programmes of the campus organized by the Physical Education Department of the University

17. Industry Varsity Linkage if any:

SBS have initiated discussion with the Synthate Ltd, Kadayiruppu, Kolencherry to have tie-ups in collaborative research on plant extracts and their chemical characterizations.

18. Academic Tie-ups if any:

Teachers collaborate with other academic institutions in research/extension programmes:

Dr Prakash collaborate with Department of Pathology, Medical College, Thrissur; Dr Keerthi Collaborate with RGCBBThiruvananthapuram

Dr Jayachandran collaborates with the Athirampuzha Grama Panchayath in introducing vemicomposting as a method of waste management in the Panchayath areas as a part of the extension programme of the University

19. Number of Ph Ds awarded so far: Altogether around 75; in the current year about 5 Ph Ds are awarded

20. Any other Achievements: This academic year we could arrange three seminars by excellent faculties – Dr Narayan Hosmane from Illinois University, Dr Bhakthan Shingaram from California University and Dr Sunny Luke – all from USA; Dr Sunny Luke came with 15 students and our researchers and students got the opportunity to discuss with them different aspects of education and research of the two countries.

SCHOOL OF COMPUTER SCIENCES

1. Name of the School/Department : School of Computer Sciences, M G University Campus
E Mail: socs@mgu.ac.in; Website:
www.mgusocs.in

2. Head of the School/Department : Dr.R.Vijayakumar.

3 Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	5	Nil	Nil	8
Non Teaching	4	3	Nil	Nil	7

4. Courses Offered with Number of seats

Under Gradu ate	Number of Seats	Post Gradu ate	Number of Seats	M Phil	Number of Seats	Ph.D	Number of Seats
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	Men	Women	Comp. Sc.	Men	Women		Men	Women		Men	Women
			M Sc. 25	10	13				CS	1	5
			M Tech 18	5	13						

5. Student Intake

Intake, those Appeared in the Examination and passed M-Men, W-Women																	
UG	Appear ed		Passed		Post Graduate	App eared		M Ph il	Appeare d		Passed		Ph. D	App eare d		Passe(Course work)	
	M	W	M	W		M	W		M	W	M	W		M	W		M
					M Sc. 23	6	17		6	17	6	17	3	0	3	0	3
AICTE approved course					M Tech 18	Started in 2012 only											

6. **Details of Tests cleared by Students:** Passed Gate 2012 by one MSc student

7. Library (a) Total Number of Books

(a) Total Number of journals :3722

(b) Total Number of Periodicals :13

(c) Number of titles added during the year :95

8. Grants Received From

(a) University Grant Commission : 4.5 Lakhs

9. Projects Undertaken

(a) Automation of the Library of the SOCS

(b) Mark list Preparation software of CSS Section for University

(c) Automation of Service Co-operative Banks

10 Seminars Conducted

(a) National Level Conference : “Conference n Computing Paradigms and Bio Informatics “ Two days (17 , 18 Jan 2012)

(b) National Level : INTERFACE 2012 , Three days students Festival (7,8,9 DECEMBER 2012)

(c) International Level : Published “ Mahatma Gandhi University International Journal on Computing and Communication(MGU IJCC 2012), December 2012 , Vol 1, ISSN:2913-8850)

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

(a) Seminars: Dr.R.Vijayakumar (Co-ordinator Ph D Programme)

1	10/7/2012	‘How to use Internet for Research purpose in a better way’	Prof, Madhu S Nair , Dept of Computer Science, Kerala University.
	17/7/2012	Research Objective , Motivation ,Approaches and Process	Prof Anju Prathap, Saint Gits College, Kottayam
2	24/8/2012	‘High Performance Computing paradigms and super computing ’	Mahesh C, Software Engineer,FISAT, Angamali
3	10/9/2012	Seminar on “ Digital Image Processing”	Sri. RajKumar,Dept of IT , Kannur University.,
4	17/9/2012	Research Design and Principles of Experimentation	Prof Anju Prathap, Saint Gits College, Kottayam
5	10/9/2012	Statistical Tools in Research	Prof Ancy Joseph, Bishop Kurialacherry College for Women , Kottayam ,
6	03/10/2012	How to prepare a good Research paper for Publication “	Prof, Madhu S Nair , Dept of Computer Science, Kerala University
7	6/11/2012	Statistical Testing methods of Hypothesis	Prof Ancy Joseph, Bishop Kurialacherry College for Women , Kottayam ,
8	7/11/2012	How to use Chi-Square testing in Analysis	Prof Ancy Joseph, Bishop Kurialacherry College for Women , Kottayam ,
9	21/11/2012	Non Parametric and characteristic distributions	Prof Ancy Joseph, Bishop Kurialacherry College for Women , Kottayam ,
10	19/12/2012	Multivariate analysis in Research	Prof Ancy Joseph, Bishop Kurialacherry College for Women , Kottayam ,

(a) Dr.R.Vijayakumar (Convener): Conference on Computing Paradigms and
Bio Informatics (17 , 18 Jan 2012)

(b) Dr.R.Vijayakumar(Chief editor) : Published “ Mahatma Gandhi University
International Journal on Computing and Communication
(MGU IJCC 2012), December 2012 , Vol 1,
ISSN:2913-8850)

12. PUBLICATIONS BY THE FACULTY WITH IMPACT FACTOR OF THE PUBLICATIONS (A SHORT DISCRIPTION) (AVERAGE IF 2)

1. Juby Mathew, Dr. R Vijayakumar, “Performance of Parallel Algorithms by Ambad’s Law”, International Journal of Computer Science and Technology, March 2012
2. Pushpalatha,K.P, Raju,G. “*Compactness – A Useful Feature for Generating Search Index*”, IEEE International Conference on Technology Enhanced Education, January 2012.
3. Pushpalatha,K.P, Raju,G. “*Effects of Distributional Features in Text Document Retrieval*”, Conference on Computing Paradigms and Bio-informatics (CPBI 2012), January 2012, Mahatma Gandhi University, Kottayam, Kerala
4. 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), January 2012, Mahatma Gandhi University, Kottayam, Kerala
5. 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), January 2012, Mahatma Gandhi University, Kottayam, Kerala
6. Jeeva Jose, P. Sojan Lal, *An Indiscernibility Approach for Pre processing of Web Log Files*, Proceedings of the International Conference on Electrical Engineering and Computer Science, IRNet, Trivandrum, May 12, 2012, pp.39-43.
- 7,Jeeva Jose, P. Sojan Lal, *Analysis of the Sequence Length of Visitors from the Entry Point and their Repeated Visits*, Proceedings of the International Conference on Data Science and Engineering, IEEE, organized by Department of Computer Science, CUSAT, Cochin, July 18-20, 2012, pp.179-183.
- 8.Jeeva Jose, P. Sojan Lal, *Extracting Extended Web Logs to Identify the Origin of Visits and Search Keywords*, Proceedings of the International Symposium on Intelligent Informatics, Advances in Intelligent Systems and Computing, 1, Vol 182, pp. 435-441, Springer, organized by RMK Engineering College, Chennai, August 4-5, 2012.
9. Jeeva Jose, P. Sojan Lal, *Clustering of Users based on Entry Pages to Analyze the deep linked traffic at a Business Organization’s Web Site*, National Conference on Advanced Computing and

Communication Technology, organized by Santhigiri College of Computer Sciences, Thodupuzha, November 2012.

10. Jeeva Jose, P. Sojan Lal, *Discovery of Similar User Sessions from the Entry Point to a Website*, 10th International Conference on ICT and Knowledge Engineering, IEEE, organized by Siam University, Bangkok, Thailand, November 21-23, 2012, pp. 31-34.

11. Jeeva Jose, P. Sojan Lal, *An Indiscernibility Approach for Pre processing of Web Log Files*, International Journal of Internet Computing, Vol. 1, Issue 3, 2012, pp.58-61.

12. Jeeva Jose, P. Sojan Lal, *A Rough Set Approach to Identify Content and Navigational Pages at a Website*, IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, organized by St. Joseph's College of Engineering Pala, March 22-

13. C.Z. Geevar, P. Sojan Lal "A Transformation Invariant Method for Fingerprint Classification", Conference on Computing Paradigms and Bio-informatics (CPBI 2012), January 2012, Mahatma Gandhi University, Kottayam, Kerala

14. Tintu Thomas, Susan Mariam Joy, Manusankar C, "WWSS with PDA for monitoring and detection of Heart Attack in real times", Conference on Computing Paradigms and Bio-informatics (CPBI 2012), January 2012, Mahatma Gandhi University, Kottayam, Kerala

15. 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), January 2012, Mahatma Gandhi University, Kottayam, Kerala

16. Unnikrishnan G, Dr. R Vijayakumar "*Raga Recognition using Self-organising Feature Maps*", Conference on Computing Paradigms and Bio-informatics (CPBI 2012), January 2012, Mahatma Gandhi University, Kottayam, Kerala

17. Shyam Kumar "Data Clustering Using K-Means Algorithm- A Review on Novel Approaches", International Journal on Computing and Communication.(MGU IJCC) December 2012

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

1) "ELRM: A Generic Framework for Location Privacy in LBS.

" Muhammed Illyas , Dr.R.Vijayakumar in the book :- "Advances in Computer Science, Engineering and Applications," Editors: David C Wyld, Jan Zizka, Dhinaharan Nagamalai, Springer, ISBN : 978-3-642-30110-0, ISSN: 1867-5662

2) Mahatma Gandhi University International Journal on Computing and Communication (MGU IJCC , Vol 1 , December 2012 , ISSN: 2319-8850) was published in 25/12/2012. from the department with convenor Prof & HoD ,Dr.R.Vijayakumar.

3). Professor and HoD ,Dr.R.Vijayakumar had been nominated by our University as the ADJUCNT Professor of State Inter University School of Excellence for Bio Informatics at University of Kerala.

4).Professor and HoD was nominated as Member of expert committee in IT for 12th Plan by the Government of Kerala

5) Jeeva Jose, P. Sojan Lal, *Web Usage Mining: Discovery and Analysis of User Behaviour from Web Logs*, Accepted by Kerala State Council for Science Technology and Environment under the Science Research Scheme - As per Order No. 009/SRSPS/2011/CSTE.

14. Academic Achievements (A short Description)

- The School started the **M Tech programme** on Computer Science and Technology in the specialization of “ Communication and Networking” approved by the AICTE on 14 th November 2012 and admitted 18 students ; out of which 9 of them are GATE Scholars . The course was inaugurated by Prof (Dr) Rajan Gurukkal on 14/11/2012 and felicitated by Dr. Rajan Varugese , the Pro-Vice Chancellor , in the General Body of the PTA held in the conference hall.
- A Virtual Class Room Linkage is being tested with Amrita Institute, Ettimadai as an interactive programme to encourage Inter- Institute interaction; so that teachers and students can attend the classes or course offered there.

15. Students Activities

- a) National service Scheme : Students participated in a Programme conducted by NSS on the day 01/11/2012 ; the “Kerala Piravi” day; and got prizes in competitions.
Students participated in a 7 days National Service camp at “ Thazhathangadi LPS , Kottayam ; “ one of villages in Kottayam from 19th to 26th December 2012
- b) The Students’ Association of the School (CSSA) , with the cooperation of the School and the Alumni association conducted an IT festival named “INTERFACE 2012 ” , 3 days Technical Festival with Technical talk was conducted on 7th, 8th , and 9th December, 2012. Apart from improving technical knowledge, the event is aimed to improve soft skills such as communication skills, leadership skills & teamwork skills of students among others. 12 competitions of various categories were conducted and 32 Colleges participated. The overall rolling trophy was received by the RIT Team and Runner up was Saint Gits College , Kottayam.

16 Research Initiative

- A separate Research and Development Lab is being setup for the Research Scholars and M.Tech programme. We are in the process of developing a Research and development center in the School., which will be able to take up external projects . This was inaugurated by Honorable Vice-chancellor Dr.Rajan Gurukkal along with the inauguration of Conference on Computing and Communication on 17/01/2012.

Under this center ,the research scholar (FIP) Prof. Muhammed Illyas had developed a distributed grid concept based software and installed in our Library for automation.

- One skill enhancement workshop on “ Open source software “ was organized by the School during 2012 , inaugurated by Dr. Iqbal , former Vice-chancellor of Kerala University.

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

INFOSYS Mysore Centre: An academic linkage between Infosys is made and by virtue of it, Infosys is giving Training to our students every year at their Mysore center. The expenditure of the training is met by the company itself.

TCS Ernakulum Centre: Two of the Software Engineers of Infosys are the Expert committee members of the M Sc/ M Tech /Research programmes of the School

18. Academic Tie-ups (If any)

Professor and HoD ,Dr.R.Vijayakumar had been nominated by our University as the **ADJUCNT Professor** of State Inter University School of Excellence for Bio Informatics at University of Kerala

- i) **Dr.S K Sinha , Director CEDT , IISc Bangalore** is one of the Experts of the School and he imparts Academic and Technological suggestions as and when it is needed. Professor's help was valuable in the starting of our M Tech programme in our School.
- iii) **Dr. Pushpak Battacharryya , Professor, Computer Science Dept , IIT Mumbai :-** had helped the Director and Hod of our School in development of the syllabus of M Tech programme.
- iv) **Dr. Clif Kussmaul, Professor, Muhlenberg College, Allen Town, PA, USA: is also our expert committee members of the foreign Universities ;** who is helping our Ph D Scholars doing research on Musicology and Computer Sciences .
- v) **Dr. Roger B Dannenberg , Professor, SOCSAM, Carnegie Mellon University, England : is also our expert committee members of the foreign Universities ;** who is helping our Ph D Scholars doing research on Musicology and Computer Sciences .
- vi) **A.M. Al Harthy ,Vice chairman, Polyglot Institute, Muscat, Sultanate of Oman: : is also our expert committee members of the foreign Universities ;** who guided us in the design of course works of our School
- vii) **Dr. Aravindakshan , Director School of Management studies , Polyglot Institute, Muscat, Sultanate of Oman :** is a regular helping source in the school activities.
- ix) The Director of the School had Chaired National and International conferences and delivered keynote addresses at various colleges and institutes.
- x) Dr. Prahlad Vadakkeppatt , Professor of National University of Singapore University of Singapore: Dr. Prahlad Vadakkeppatt , Professor of National University of Singapore visited the School and agreed to give any kind of Technical Expertise to students . He was the resource person for one day seminar and workshop conducted in the school .

19. Students Progression : Three Students of 2010 batch got the Aspire Scholarship.

20. Campus Recruitment (if any)

Sl.No	Name of the Firm	No.students attended		No.Students selected	
		M	W	M	W
1	Polus Soft, Technopark,Thiruvandapuram	1	2	1	1
2	NIC , Kottayam , Thiruvandapuram	0	2	0	2

21. Number of PhD's awarded so far

- 1) Bindhu , STAS, Pularikunnu,Kottayam
- 2) Kumari Roshini, CDIT,

22. Research Scholars Registered in the School

JULY 2010 ADMISSION-COMPUTER SCIENCE- COURSE COMPLETED & REGISTERED			
Sl.No	Name	Title/Field	Guide
1	Ranju S Kartha	Classical Encryption in Cryptography-Multiple version of Polyalphabetic substitution methods	Dr. Varghese Paul
2	Jeeva Jose	Data Mining with special emphasis to Web Mining	Dr. P. Sojan Lal
3	Dhanya Job	Steganography and Algorithms	Dr. Varghese Paul
JULY 2011 ADMISSION-COMPUTER SCIENCE- ADMITTED IN 2012 FOR COURSE			
9	Anu V R	Image Processing-Dynamic workload management for clusters	Dr.Elizabeth Sherly
10	Elizabeth Philip	Image Processing-	Dr.Elizabeth Sherly
11	Vidya P M	Cryptography- Linguistic Steganography using Malayalam Text	Dr. Varghese Paul
12	Raja Varma Pamba	Data Mining- Web Document Clustering based on concept based mining models	Dr.Elizabeth Sherly

13	Manusankar C	Cryptography-	Dr. Varghese Paul
14	Nisha Sebastian	Image Processing	Dr. P. Sojan Lal

23. Alumni Activities (With e-mail and Website):-

WWW.cssasocs.in; cssasocs@gmail.com

Every year in December the General body meeting of the Alumni is organized . In 2012 on December 8 th the meeting was organized and Alumni s from 2002-2011 batches attended. Along with the students conference “INTERFACE “, they presented their programme. They help the poor students by scholarships – the Study expenditure is met by the Alumni. They help the students being recruited to companies.

24. Any Other Achievements:

- **Dr.R.Vijayakumar , the Prof & H o D is being nominated by the University as Adjunct Professor at Bio- Informatics Centre, Kerala University.**
- **Dr.R.Vijayakumar, the Prof & H o D is being selected by the AICTE , New Delhi as Expert for Inspections of Technical Institutions.**
- **Dr.R.Vijayakumar, the Prof & H o D as the Chief Editor the School Published an Inter National Journal “Mahathma Gandhi University International Journal on Computing and Communication (MGU IJCC , Vol 1 , December 2012 , ISSN: 2319-8850**

SCHOOL OF DISTANCE EDUCATION

Name of the Department : School of Distane Education

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 79 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 22500 students.

Private registration system in this year is providing Fifteen (15) UG and Thirteen (13) PG courses with a total of 60000 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.

SCHOOL OF ENVIRONMENTAL SCIENCES

1. Name of the School/ Department (With e-mail and website): School of Environmental Sciences

Priyadarsini Hills P.O., Kottayam – 686 560, Email : sesmgu@gmail.com Website : www.sesmgu.org

2. Head of the School/Department

Dr. C.T. Aravindakumar

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	
	Men	Women		Men	Women		Men	Women		Men	Women
Nil			M.Sc. Evt. Sc. & Mgnt	3	7	Environment Management.	1	7	Faculty of Evt. & Atm. Sc.	3	5
Nil			M.Sc. Evt. Sc. & Dis. Mgnt	3	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. 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
Nil					M.Sc.	3	7	3	7	Envt. Sc. & Mgnt	2	6			7	2	5			
					MSc	1	9	1	9											

6. 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

7. Grants Received From

(a) State Government :

(i) Project undertaken by

A) Dr. Mahesh Mohan, Assistant Professor

KSCSTE -- Rs. 10.85 Lakhs

Student Project, DoECC -- Rs. 0.38 lakhs

C) Dr. Syllas V.P., Assistant Professor

Student Project, DoECC(2) -- Rs. 0.85 lakhs

D) Dr. EV Ramasamy, Associate Professor

Student Project, DoECC(3) -- Rs. 1.2 lakhs

(ii) Grants received from **KSCSTE** as financial support for conducting

a) National Science Day - 2012 --- Rs. 0.20 lakhs

b) LAKE 2012 CONFERENCE --- Rs. 2 lakhs
(November, 6-8, 2012)

iii) Grant received from biodiversity board as financial support for conducting **LAKE 2012 CONFERENCE** ---- **Rs. 0.25 lakhs**

(b) Central Government:

(i) For the Lake Conference, November , 6-8, 2012

Department of Science and Technology – **1.0 Lakhs**

(ii) DST-FIST programme -- **Rs. 75 lakhs**

(iii) Projects undertaken

B) Dr. Mahesh Mohan, Assistant Professor

DST -- Rs. 25 Lakhs

UGC -- Rs. 2.75 Lakhs

C) Dr. Syllas V.P., Assistant Professor

UGC -- Rs. 8.5 lakhs

(c) University Grant Commission:

(i) Special Assistance for Purchase

of Lab equipment

-- Rs. 10.0 Lakhs

ii) Obama-Singh Knowledge Initiative (OSI) programme -- **Rs.62.5 Lakhs**

Total Grants Received during the year 2012 -- Rs. 200.48 Lakhs

8. Projects Undertaken

SL No	Title of the project and duration	Funding Agency	Budget (Lakhs)
2	Mercury geochemistry in agricultural wetland ecosystem	DST-SERB	25
3	Mercury pollution in the sediments of Vembanad Wetland: a chronological approach	UGC	2.75
4	Student projects – 6 nos.	DoECC, Govt. of Kerala	2.43
5	Accumulation of Mercury and Cadmium in Benthic Food Web of Cochin Estuary - a Stable Isotope Approach	KSCSTE	10.85
6	An investigation on the potential microalgal species for the production of biodiesel from Kuttanad wetland ecosystem, Kerala	UGC	8.5

7	Radiation Induced Modification of Some Pyrimidine Nucleosides and Nucleotides	DAE-IUC	3.5
8	Sonochemical degradation of organic water pollutants	KSCSTE	14.5

9. Seminars Conducted

(a) National Level – 02

1) National Seminar on Sustainable Development : Recent Trends in Meeting the Challenges (NSSD 2012), January 20-21, 2012, (Convenor : Dr E.V.Ramasamy)

2) Lake 2012, November, 6 -8, 2012 , (Convenor : Dr E.V.Ramasamy)

(b) International Level -- 01, International Conference on Advanced Oxidation Processes (AOP2012) ,(Convener : Dr. C.T. Aravindakumar)

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

(a) National Level – 1) **Dr. E.V.Ramasamy,**

1. (NSSD 2012), January 20-21, 2012

2. Lake 2012, November, 6 -8, 2012

2) **Dr. CT Aravindakumar –**

1) National Workshop on Spectroscopy and Microscopy 2012

(b) International Level : **Dr. C.T. Aravindakumar, AOP-2, October, 2012**

11 Publications by the Faculty with Impact factor of the Publications (A Short Description)

Research papers in International Journals [Total : 10]

1. V.J. Disha, **C.T. Aravindakumar**, Usha K.Aravind, *Phosphate recovery by high flux low pressure multilayer membranes*, *Langmuir*, 2012 28, 12744–12752, **IF: 4.18**
2. M.S. Shylesh Chandran, Sujatha S., **Mahesh Mohan**, J.M. Julka and **E.V. Ramasamy**. (2012) Earthworm diversity at Nilgiri Biosphere Reserve, Western Ghats, India. *Biodiversity and Conservation-* 21:3343–3353, DOI 10.1007/s10531-012-0365-4. **Springer. IF: 2.4.**

3. Jissy Mathew, S. Sreedhanya, M.S. Baburaj, **C.T. Aravindakumar**, U.K. Aravind, Fabrication of switchable protein resistant and adhesive multilayer membranes, *Colloids and Surfaces B: Biointerfaces*, 2012, 94, 118-24. **IF: 3.35**
4. Rahul Ramesh, Shylesh Chandran M.S., Sreedharan K., **Mahesh Mohan**. (2012). Mercury contamination in the artisanal gold mining regions of Nilambur, Kerala, South India. *Journal of Environment*, Vol. 01, Issue 01, pp. 16-22 Scientific Journals, UK.
5. Shylesh Chandran M.S., Sudheesh S., **E.V. Ramasamy**, **Mahesh Mohan**. 2012. Sulphur fractionation in the sediments of Cochin estuary. *Journal of Environment*, Vol. 01, Issue 01, pp. 10-15, Scientific Journals, UK.
6. Ajaykumar B., Sreedharan K., **Mahesh Mohan**., Joby Paul., A.P. Thomas., Nair P. K. K. (2012) Evaluation of the Holocene environmental changes of the Southwest coast, India: a palaeo-palynological approach, *Journal of Earth System Science*, **121(4)**,1093–1103, **Springer. IF: 0.48**
7. **EV Ramasamy**, Toms A, Shylesh CMS, Jayasooryan KK, **Mahesh M**. (2012) Mercury Fractionation in the Sediments of Vembanad Wetland, West Coast of India, **Environmental Geochemistry and Health-Springer**, 34:575–586, DOI 10.1007/s10653-012-9457-z. **IF: 1.7**
8. **Mahesh Mohan**, Toms Augustine, Jayasooryan K.K., Shylesh Chandran M.S. and **Ramasamy E.V**. (2012) Fractionation of selected metals in the sediments of Cochin estuary and Periyar River, Southwest coast of India, *The Environmentalist-Springer*, DOI 10.1007/s10669-012-9399-0. **IF: 1.2**
9. K. P. Prasanthkumar, C. H. Suresh and **C. T. Aravindakumar**, *Oxidation Reactions of 2-thiouracil: A Theoretical and Pulse Radiolysis Study*, *J. Phys. Chem. A*. 2012 116 , 10712–10720. **IF: 2.9**
10. M.S. Baburaj, **C.T. Aravindakumar**, S. Sreedhanya, A.P. Thomas, Usha K. Aravind, Treatment of model textile effluents with PAA/CHI and PAA/PEI composite membranes *Desalination*, 2012, 288, 72–79, **IF: 2.4**
11. S. Venu, D.B. Naik, S.K. Sarkar, Usha K. Aravind A.Nijamudheen, C.T.Aravindakumar, *Oxidation Reactions of Thymol: A Pulse Radiolysis and Theoretical Study*, *J. Phys. Chem. A.*, **2012** (in press)
12. M.M. Sunil Paul, Usha K. Aravind, G. Pramod, C.T. Aravindakumar, *Oxidative Degradation of Fensulfothion by Hydroxyl Radical in Aqueous Medium*, *Chemosphere*, **2012** (in Press)
13. K. P. Prasanthkumar, C. H. Suresh and C. T. Aravindakumar, Oxidation Reactions of 2-thiouracil: A Theoretical and Pulse Radiolysis Study, *J. Phys. Chem. A*. **2012** 116 , 10712–10720

V.P. Sylas, C.M. John, Joby Paul, K.S. Unni, A.P. Thomas and E.V. Ramasamy (2012). Documentation and distribution of aquatic plants in relation with certain environmental variables of Kuttanad wetland ecosystem, Kerala. In: Biodiversity and Taxonomy, A. Biju Kumar, M.P. Nayar, R.V. Varma and C.K. Peethambaran (Eds.). Narendra Publishing House, New Delhi. pp 377–391

12. Research Highlights of Faculty/Scholars (A Short Discription)

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. E.V. Ramasamy, Associate Professor

A. Bioremediation

Removal of contaminants from water and soil using plants, microbes is an area being explored currently. Use of plants / weeds , algae which have less utility values are being tried as remediating agents. Grey water treatment is being explored currently.

B. Heavy metal pollution

Monitoring of heavy metal pollution in natural water bodies like Vembanad lake is the area being focused currently. A major research project on ‘Chemical transformation and bioaccumulation of mercury in Vembanad wetland and Cochin near shore areas’ (MoES funded research project , 64.39 Lakhs) has been completed recently.

Remediation of metal polluted water with plants (**Phytoremediation**) and with algae (**Phycoremediation**) is also being pursued actively. A research project funded by DST (DST-PURSE) on **phycoremediation** and **biofuel** from algal biomass is being carried out currently.

C. Waste management

Wastewater treatment coupled with methane production using anaerobic digestion technology is being carried out as PhD research topic , scholars are working with treating landfill leachates using this technology. Solid-fed anaerobic digesters are designed and aquatic weeds and organic fraction of municipal solid waste (OFMSW) are being used as feedstocks.

D. Carbon sequestration

‘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. Role of Earthworms in below ground carbon sequestration is also being explored currently.

Dr. Mahesh Mohan, Assistant Professor

- A. Heavy Metal pollution:** Conducting studies on 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.
- B. 4 projects were sanctioned** by various agencies during the year 2012.
- C. 2 more project proposals** has been given to other agencies during the year 2012
- D. Mercury analytical facility** with highly sensitive and latest technologies has been created with the financial support from MoES, DST and KSCSTE.
- E. Research outputs published journals- 8 papers**
- F. Two proposals were submitted to Central agencies including one proposal for Arctic expedition.**

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. Rhizosphere remediation of agro-pollutants and the conversion of water hyacinth into bioethanol is also the part of research component.

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. Carbon sequestration and Biohydrogen production by the microalgae are the other thrust areas of the study.

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.

C. 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.rainwaterforhumanity.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 **12 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. The re-engineering of the existing models with low cost and naturally available materials are the major research component of the ongoing works.

13. Academic Achievements (A Short Description)

(i) Dr. C.T. Aravindakumar, Professor and Director 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).

Visiting Professor: Laboratory of Geology and Environment, Marne-la-Vallee

Paris (East) University

(ii) Dr.E.V.Ramasamy , Associate Professor ,SES has been included as a member in the following Committees :

A. Member, State Waste Management policy Committee , Local Self Government Department,

Govt. of Kerala (October 2012)

B. Member, Technical Committee constituted for evaluation of Indigenous Technologies

developed at various parts of the state or out side the state, Suchitwa Mission, Local Self

Government Department, Govt. of Kerala (October 2011).

C. Member , 12th Five Year Plan - Working Group on Environment , State Planning Board, Govt.

of Kerala (October, 2011)

D. Member, Committee for 'Environmental Monitoring Programme on water Quality, KSCSTE

(November, 2012)

E. Member , Special Board of Studies in Pollution Control and Environmental Engineering,

Pondicherry University, Puducherry (October, 2012).

Reviewer of International / Indian Journals

● **International Journals:** Journal of Environmental Management,

Bioresource Technology , Ecological Engineering, Renewable & Sustainable Energy Reviews,

Fuel , (All from **Elsevier**), Applied Biochemistry and Biotechnology (**Springer**) ,

International journal of Environment and Waste Management (**Inderscience publ**)

14. Student Achievements - Academic (A Short Description)

6 students were qualified UGC-NET (including 1 JEF)

15. 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. CLENS has observed the celebrations like Onam , Christmas & Ramzan with cultural feast. As a part of the CLENS a club named Thursday Club which conducts periodic meetings in which the members deliver short speeches followed by healthy interactions, this programme is aimed at improving the communicative skills of the members.

16. Academic Tie-Ups (if any)

With Brown University

With Duke University

With Plymouth State University

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

17. Number of PhD's Awarded in 2011: 4 Nos.

18. 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 2012. 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. The SES day "Murdania 2012" was celebrated.

One day seminar titled as Dr R.Satheesh Memorial lecture was conducted during this year

29. Any Other Achievements

(i) Obama Singh 21st Century Knowledge Initiative Programme (OSI) : The recent selection of School of Environmental Sciences (April 2012) , M.G.University by the UGC for the award of **prestigious Obama Singh Knowledge Initiative Programme (OSI)** is a **milestone achievement** of the school. Out of the 140 applicants only four institutions have been selected in the country for this award. M.G.University boasts the unique position of the lone affiliating state university among the four while rest three are being IITs and central universities.

(ii) Erudite Scholar-in-Residence programme where 2 Nobel Laureates have been visited the department. Another 10 scholars from different parts of the world have visited the department.

(iii) 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.rainwaterforhumanity.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.

(iv) 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 2012: (The photographs of some of these activities are attached separately)

(A) The National Science Day – 2012

The School of Environmental Sciences (SES) celebrated the National Science Day -2011 in collaboration with Kerala State Council for Science , Technology and Environment [KSCSTE] supported by Department of Science and Technology, Govt. of India, on February 27th in a grand manner.

The **National Science Day – 2012** was celebrated as two sessions, an invited talk was arranged on the forenoon session , **Prof. P.N. Thankachan**, Associate Professor, Department of Electronics, Rajiv Gandhi Institute of Technology (RIT), Pampady and Co-ordinator, Breakthrough Science Movement, Kottayam has delivered a talk on '**Clean energy Options and Nuclear safety**' . the invited school children, teachers, M.Sc., M.Phil students, Ph.D. scholars and faculty members from this School and other departments were attended this session. Dr. E.V. Ramasamy (Director, School of Environmental Sciences), Dr. C. T. Aravindakumar (Professor), Dr. A.P. Thomas (Director, Advanced Centre of Environmental Studies and Sustainable Development, MG University), Dr. Mahesh Mohan (Assistant Professor) and Dr. Sylas V.P. (Assistant Professor and Co-ordinator of NSD -2012) were also present.

The afternoon session was entirely allotted for the school children for poster making competition, quiz completion and laboratory visit. We invited six high schools near the University campus, but only four schools were participated in the programme. The following **four schools** were participated: Govt. High School, Arpookara, SKV Govt. High School, Kallara, Holy Cross Vidya Sadan, Thellakom and St. Aloysius High school, Athirampuzha. Students and teachers deputed by the schools participated in this programme. After registration, the students were provided with a small

book marker printed with Tips for saving the Environment. Three programmes were arranged for them. First one was the **Poster making competition**, in which the ‘**clean energy and nuclear safety**’ was the topic. All the students were participated in the programme and we provided the chart paper, colour sketches, pencil, eraser etc. (even though we informed the school teachers earlier, very few students only bring the colour pencils and other colouring materials). Mr. Sam T. Jospeh, IX B, Govt. High School, Arpookara won the first prize, Mr. Hari Sankar S., IX B, SKV Govt. Higher Secondary School, Kallara won the second prize and the third prize won by Mr. Yedukrishna S., VIII C, SKV Govt. Higher Secondary School, Kallara. Certificate and trophy were distributed to the students at the valedictory function. The second programme was a **Science quiz** for the teams from the Schools. Team (Mr. Said Anwar and Mr. Shahul Hameed) from St. Aloysius High School, Athirampuzha won the first prize. Team from Holy Cross High School, Thellakom (Mis. Shilpa Ann Babu and Mr. Jofred Benny) won the second prize. Each team was awarded with a trophy and the members of the winning team got the book ‘Butterflies of the M.G. University Campus’ which was published by the School in the year 2012. A booklet on “Energy’ and a powerpoint presentation on ‘Energy – Conservation’ (in CD) was supplied to each School as a teaching aid for the teachers. Few posters were also supplied along with kit. The kit was sponsored by Advanced Centre of Environmental Studies and Sustainable Development (ACCESSD) of the MG University.

All the students were visited the various laboratories of the School of Environmental Sciences and the researchers were explained the major works and research areas of the SES. All the boards, banners and pamphlets were put up with the name Kerala State Council for Science Technology and Environment (KSCSTE) and supported by Department of Science and Technology, Govt. of India along with the school’s name as a collaborator of the programme (Plate 1).

(B) World Environment Day (WED) 2012 : The school celebrated the World Environment Day (WED) on June 05, 2012 in a befitting manner. As the theme of this year’s WED is ‘ **Green Economy: Does It Include You?**’, the school’s first day celebration was focused on one day seminar on the theme. This programme was inaugurated by Prof.(Dr) Rajan Gurukkal , Hon’ble Vice-Chancellor of M.G.University at 10 a.m subsequent lectures were given by Dr. M.P.Parameshwaran, Dr. T.V. Muralivallabhan on green economy and Dr. PC Abhilash on Green Technology. The programme was concluded by a valedictory function. On the second day (June 6th), the School organised a one day training programme for school teachers on biodiversity assessment. Training programme started with a lecture on “Challenges in biodiversity conservation in the Western Ghats” by Dr. E. Kunhikrishnan and followed by training on village biodiversity assessment methods by the Faculty of the School.

C) Lake 2012 Conference

The 8th Biennial Lake Conference focusing on “*Conservation and Management of Wetland Ecosystems*” **LAKE 2012** was organized by **School of Environmental Sciences, M.G.University at Kottayam** in association with **Indian Institute of Science (IISc), Bangalore** and **Advanced Centre of Environmental Studies and Sustainable Development (ACCESSD)**- an interuniversity center , Mahatma Gandhi University, Kottayam, Kerala during **November 06- 08, 2012**.

The conference was inaugurated by Dr.Rajan Gurukkal, then Vice-Chancellor of M.G.University, on November 06, 2012 with Dr.K.K.Ramachandran , Member Secretary of Kerala State Council for Science, Technology and Environment (KSCSTE) as the key note speaker.

The conference was attended by 230 participants representing various parts of the country. There were 15 Technical Sessions during which **112 research papers** were presented as oral presentations, **9 poster presentations, 13 invited lectures** and **2 plenary lectures** were delivered with active deliberations.

Out of these 15 technical sessions two require special mention, one was the boat session conducted on 7th November, this session with a theme of ‘**Vembanad Lake** ‘ was conducted in a big conference boat as ‘**Conference on Cruise** ‘ floating on the Vembanad lake itself. This session went on for two and half hours with a plenary lecture “**A Glimpse of Vembanad lake Environment**” delivered by Dr.A.K.Varma, from Centre for Earth Science Studies (CESS), Thiruvananthapuram, and 10 research papers were presented. In these papers Vembanad lake pollution – especially heavy metal pollution, the threats to the lake ecosystem and the livelihood support of the lake to the local community etc were highlighted. An active deliberation followed towards the end of this session leading to the drafting of a memorandum insisting on the immediate steps/ measures to be adopted in order to conserve the Vembanad Lake ecosystem from environmental degradation was signed by the delegates and the same is to be submitted to the Government shortly, this was a significant out come of this boat session of the conference. The next session requiring special mention was “**My Village BioDiversity**” session conducted on November 08, 2012. This session was conducted for the school students of class VII to IX standards. These groups of students were presenting the findings of their study they have conducted for about two months on surveying the flora and fauna of their village. There were 12 student paper presenters, a panel of judges selected best three papers and the students were rewarded.

1. Name of the School/Department : School of Physical Education And Sports Sciences

E-mail binu123@yahoo.com

2. Head of the School/Department : Dr.Binu George Varghese

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	1	Nil	Nil	4
Non-Teaching	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	
	Men	Women		Men	Women		Men	Women		Men	Women
Nil	Nil	Nil	M.P.Ed	21	9	Nil	Nil	Nil	9		

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
Nil	-	-	-	-	M.P. Ed (Entrance)	32	18	3	18										

6. Library (a) Total Number of Books : 704

7. Grants Received

(a) University Grants Commission : 1 Crore 30 lakhs

8. Publications by the faculty/Scholars :

- 1) Co- authored a research paper published in Research Scholar Peer refereed Quarterly Inter Disciplinary Research Journal, Vol.II, No.II June 2012, 233-238, **ISSN No.2249-6696** with Ms Indu P Nair titled Analysis of Physical fitness of costal area women's in Kerala.

- 2) Co- authored a research paper published in Voice of Sports, Peer refereed Research Journal on Physical Education and Sports ,Vol.VII, Issue I, September 2012, 59-63, **ISSN No.0975-4687** with Ms Indu P Nair titled Construction of Health Status Norms For Women In Costal Area of Thiruvanthapuram District.
- 3) Co- authored a research paper published in Research Lines Inter Disciplinary Research Journal, Vol.V, No.1 June 2012, 190-193, **ISSN No.0975-8941** with Ms Indu P Nair titled Effect of anxiety on the performance of Basketball Players.
- 4) Co- authored research paper published in Gurujiyothi Research and Reflections, Vol.6 Issue 2 June 2012, 13-21, **ISSN No. 0976-0865** with Dr. K.K. Venu and Sri. Deepak S.S titled Isolated and combined effect of Theraband resistance Exercise and Medicine Ball Exercise on selected Biochemical Variables of school boys.
- 5) Promoting Physical Activity – The Necessity for Public Health, Proceedings of the UGC sponsored Two day seminar on Physical Activity and New Age Diseases - Current perspective, MES College Mampad, Malapurram from 12th to 13th March 2012. **ISBN No. 978-81-923961-0-1**

9. Research Scholars Registered in the School

SL No.	Name of Research Scholar	Title	Name of Guide	Remark
1	Sini Paul	Health Related Physical fitness and attitude towards physical activity of under graduate women students of Mahatma Gandhi University	Dr.Binu George Varghese	
2	Haritha S Kurup	Effect of Gender difference on selected psychological attributes of National Basket ball players-An explanatory study	Dr.Binu George Varghese	
3	Bindu Binu Kumar	Developing and Validating assessment rubrics for skill learning in various sports and games	Dr.Jose James	
4	Suvarna Sankar P S	Effect of yogic asanas on Psychological health quality of life-“general well being and rosilence to stress among middle aged women”.	Dr.Anil.R	

SCHOOL OF GANDHIAN THOUGHT AND DEVELOPMENTN STUDIES

1. **Name of the School/Department** : School of Gandhian Thought and Development Studies
mgugandhianstudies@gmail.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

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

Under Graduates	Number of Seats		Post Graduate	Number of Seats		M.Phil	Number of seats		Ph.D course work 2011-12	Number of seats	
	M	W		Men	Women		M	W		M	W
Nil			M.A(G.S)	10	6	G.S		3			
			M.A(D.S)	7	8	D.S		3	Ph.D 2012	List to be regularised	
			In-take for 2012-13 enhanced to 15 each. MA GS is 16,ie including 01 US citizen			Social work	2	3			

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(Gandhi an Studies)	3,*S4	0	3	0	Gandhian Studies	2,S1	1	1	1	-	-	-	-
	3,S2	8	3	8		2,S2	1	1	1				
M.A. Development Studies	3,S4	2	3	2	Development Studies	1,S1	2	1	2				
	6,S2	5	5	5		1,S2	2	1	2				
					Social work	2,S1	2	2	2				

						2,S2	2	2	1				
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6. **Details of Tests cleared by students** : 3 Students passed NET and 3 secured JRF

7. **Library :**

- a. Total Number of Books :7519
- b. Total Number of Journals :3
- c. Total Number of Periodicals :5
- d. Number of title added during this year : 402

8. **Grants Received From**

- A) University Grant Commission :SAP DRS Phase II Grant for 2011-12 awaited

9. **Projects Undertaken**

- a. UGC Major Research Project entitled “Vulnerability of Elderly Widows in Kerala” by Dr.Sandhya R.S
- b. 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
- c. Dr.Nirmala Devi D secured a UGC major research project entitled “Impact of Public Policy and Rural Reconstruction: An Analysis of Gandhian Approach”.

10. **Seminars Conducted**

The School of Gandian 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.

UGC sponsored national seminar on ‘Contemporary non-violent movement in India and Abroad’. Scholars from Pune, Chennai, Delhi, Cairo, Bangalore and from Kerala participated and presented papers in the seminar.

The Paulose Mar Gregorios Chair inaugural lecture was delivered by Magsaysay Award Winner & Rural Affair Editor of the Hindu Sri.P Sainath on 10th August 2012.

A One day seminar on Building Peace: Learning from interfaith dialogues was held on 25th September 2012. Lama Dobbom Tulkur was the speaker.

11. 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).
4. Gandhi and Contemporary Non violent Struggles in Siby K Joseph (ed.), Contextualizing Gandhain Thought : Essays in honour of and by Ravindra Varma, Wardha : Institute of Gandhian Studies, 2012.
5. Conflict Resolution : The State of the Field and implications for practice in V.Suryanarayan and Theresa Joseph (eds). Conflict Resolution in South Asia , Nes Delhi, Regerence Press 2013.
6. Gandhi : Religion, Dharma and the concept of Politics in Rakesh Kumar Jha (ed) , Religion , Dharma and Polity New Delhi, Concept 2012.
7. Towards Deepening Conflict Transformation and Peace building (Editorial Introduction). Ubuntu : Journal of Conflict Transformation : Vol. 1 issue 1 & 2 , 2012 published by Adonis Abbey, London, PP 5 – 14.

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

1. 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 21st Century, Published by Excel Publishers, New Delhi. 2011
2. 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.

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

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. He has an H index of 8.

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.

2. 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.

3. 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.

15. Number of PhD's awarded : 8

16. 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

SCHOOL OF INDIAN LEGAL THOUGHT

1. Name of the School/Department : School of Indian Legal Thought
silt_mgu@yahoo.co.in
2. Head of the School/Department : Dr. MC Pramodan

2007 (admission)	14	28	11	24	LL M		12		11
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6. Library

(a) Total Number of Books	9825
(a) Total Number of Journals	12
(b) Total number of periodicals	5
(c) Number of titles added during the year	334 books

7. Seminar Conducted

(a) National Level

NATIONAL SEMINAR ON 'RIGHTS OF CHILDREN'

8. Publications by the Faculty with impact factor of the Publications (A short description)

Articles published by Dr.M C Pramodan, Associate Professor and Head- Accused and rule against bias

Articles published by Dr.George Joseph- Right to Information, Freedom of Press, and Legislative Privileges: and overview of Indian Scenario.

9. Research Highlights of Faculty/Scholars (A short Discription) – Smt. Gigi PV , Smt. Jasmine Alex and Sri. Jayaram E.R were conferred Ph.D degree in July 2012.

10. Students Progression- Many former students of the institutions have entered judicial services Since Law is a professional course, most of the students (nearly 70%) join the Bar in various Courts in Kerala. Nearly 15% to 20 % of the students go for LL.M and the rest of them seek some employment. In the last four years nine students have got admission in different Universities in the United Kingdom, U.S and Singapore with Scholarships. One student, after getting LL.M from Cambridge University got an assignment in the WTO. A few others have got placement in International Law firms. Another student of the School was appointed as the first Law Clerk in the Supreme Court of India. A few students who passed the LL.M in Intellectual Property Rights got placements in Government of India. Former students are practicing in Supreme Court and High-Court. Some of the former students are Judicial Officers.

11. 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 Zacharia	International Criminal courts and protection of Human Rights	Dr. Sukumari Antharjanam
3	Ms.Deepti U.	Rights of Patients	Dr. MC Pramodan

DEPARTMENT OF COMMUNICATION AND JOURNALISM

1. **Name of the College** (With e-mail and website) : Department of Communication and Journalism, MG University Campus, E mail-id: schoolof communication.mgu@gmail.com

2. **Name of the Principal** : Prof. Madavana Balakrishna Pillai

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	3	Nil	Nil	5
Non Teaching	1	2	Nil	Nil	3

4. **Courses Offered with Number of seats:** MCJ and 35 student intake

5. Library

(a) Total Number of Books : 1400

(b) Total Number of Journals : 13

(c) Total Number of Periodicals : 8

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCES

1. **Name of the Department** (1996) : Department of Library and Information Science

Old SPS Building, Priyadarshini Hills P.O.

Kottayam –686 560.

Phone: 0481-2732948.

E-Mail: mgudlis.ktm@gmail.com

2. **Head of the Department** : Dr.K.P.Somanathan Nair

3. Staff Profile:

	Men	Women	Scheduled caste	Scheduled Tribe	Total
Teaching	2	3	Nil	Nil	5

Non-Teaching	Nil	2	Nil	Nil	2
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4. Courses offered with number of seats:

1. B.L.I.Sc (Bachelor of Library and Information Science) (2 Semesters) Any Degree with 45% marks, Relaxation of 5% marks for SC/ST candidates.
Sanctioned Strength: 50
2. M.L.I.Sc (Master of Library and Information Science) (2 Semesters) B.L.I.Sc with 45% marks.
Sanctioned Strength: 30

5. Student Intake (2012)

Courses Offered	Appeared		Passed	
	Men	Women	Men	Women
I Sem BLiSc	10	31	5	22
II Sem BLiSc	10	29	Result to be announced	
I Sem MLiSc	6	20	5	19
II Sem MLiSc	6	19	Result to be announced	

6. Library

- a) Total number of Books 333

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

1. **Name of the School/Department** :Department of Lifelong Learning & Extension
2. **Head of the School/Department** : Dr.K.Sabukuttan
3. **Staff Profile**

	Men	Women	Scheduled Cast	Scheduled Tribe	Total
Teaching	1	Nil	Nil	Nil	1
Non Teaching	Nil	1	Nil	Nil	1

4. **Courses Offered with Number of seats:** The Department offers only 6 month Certificate Courses and One Year Diploma on Sundays /Saturdays.
5. **Library**
 - (a) Total Number of Books -1800

EMPLOYMENT GUIDANCE AND INFORMATION BUREAU

1. Name of the Department : 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 are 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 1st meeting of the Advisory Committee was held on 3rd 1997 and the last meeting on 12th June 2012.

The Bureau has a Chief, a Deputy Chief, two Clerks and a Peon. Prof.(Dr) T.V Thulasidharan, Professor, School of Pedagogical Science is the Chief. Sri. K.M Baby, Sri. T.N Babu and Smt. N.R Ushakumari were the Deputy Chiefs during the calendar year and the latter is still holding the post since 17.02.2012. 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 activities of the Bureau during 2012:

Coaching Programmes.

The Employment Information and Guidance Bureau conducted five coaching programmes during the year.

SLNO	Name of the Coaching Programme	Date of Commencement and Date of Conclusion	No. of Participants	Remarks
1	Bank Test Coaching Programme (11.01.2012 -	42	Conducted using UGC fund for Minority, SC/ST and OBC students
2	Bank Test Coaching Programme (Saturdays & Sundays)	21.01.2012 –	39	Conducted using UGC fund for Minority, SC/ST and OBC students
3	Bank Test Coaching Programme	21.02.2012 –	22	Conducted using UGC fund for Minority, SC/ST and OBC students
4.	UGC NET Coaching Programme (General Paper)	16.04.2012 – 04.05.2012	60	Conducted using UGC fund for Minority, SC/ST and OBC students
5	CSIR NET General	18.04.2012	24	Conducted using UGC

	Paper	- 07.05.2012		fund for Minority, SC/ST and OBC students
6	UGC NET Coaching Programme – Paper II & III Commerce	07.05.2012 – 17.06.2012	31	Conducted using UGC fund for Minority, SC/ST and OBC students
7	UGC NET Coaching Programme – Paper II & III English	07.05.2012 – 10.06.2012	19	Conducted using UGC fund for Minority, SC/ST and OBC students
8.	UGC NET Coaching Programme – Paper II Life Science	19.05.2012 – 17.06.2012	14	Conducted using UGC fund for Minority, SC/ST and OBC students
9.	UGC NET Coaching Programme – General Paper	19.05.2012 – 17.06.2012	33	Paid Coaching Programme
10.	Bank Test Coaching Programme	06.06.2012 – 14.07.2012	48	UGC sponsored coaching Programme
11	Bank Test Coaching Programme	19.07.2012 – 27.08. 2012	53	UGC sponsored coaching Programme
12	Bank Test Coaching Programme (Saturdays & Sundays)	28.07.2012 –	44	UGC sponsored coaching Programme
13	Bank Test Coaching Programme	05.09.2012 -	46	UGC sponsored coaching Programme
14	UGC NET General Paper (Holiday Batch)	13.10.2012 - 09.12.2012	42	Paid Coaching Programme
15	Civil Service Preliminary Coaching Programme	03.11.2012 – Continuing	33	Paid Coaching Programme
16	Assistant Grade II Coaching Programme	26.11.2012 – 31.12.2012	27	Paid Coaching Programme

Interview Training Programme

Guidance Bureau conducted a four day interview training programme for qualified students of IBPS examination by collecting a nominal fee of Rs 1000/-. 31 students participated in the programme. Dr. P.R Venkittaraman, Sri. Sunil.D Kuruvilla, Sri. Reji.K.S, Sri. Sunil.V.K were the resource persons. Model Interview and Group Discussion were conducted to the participants.

Career Seminar.

The Guidance Bureau conducted a series of Career Seminars in various colleges under the jurisdiction of the University during 2012. 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. The seminars were conducted giving priority to colleges situated in rural areas.

SLNO	Name of the College	Date	No. of Participants	Resource Person
1	K.E College, Mannanam	13.01.2012	127	Dr. Civy V Pulayath
2	D.B College, Thalayolaparmbu	02.02.2012	105	Sri. Sunil.D.Kuruvilla
3	St. Stephen's College, Uzhavoor	18.02.2012	46	Sri. Sunil.D. Kuruvilla
4	St. Aloysious College, Edathua	24.02.2012	107	Sri. Sunil.D.Kuruvilla
5	S.N College, Kumarakom	07.03.2012	61	Sri. Sunil.D. Kuruvilla

The Bureau also conducted 3 career guidance classes in the higher secondary schools and one for the final year graduation students using the fund allotted by the Employment Department for strengthening of Vocational Guidance Activities during 2012-2013.

SLNO	Venue	Date	No. of Participants	Resource Person
1	Govt. Higher Secondary School, Kadappoor	05.12.2012	148	Prof. Motty Thomas
2	Govt. Higher Secondary School, Kuruchy	07.12.2012	108	Sri. Sebin S Kottaram
3	Sree Krishna Vocational Higher Secondary School, Kuruchithanam	12.12.2012	73	Prof. Motty Thomas
4	K.E College, Mannanam	18.12.2012	142	Prof. Thomas Lazar

4. Career Talk

The Deputy Chief delivered 20 career talks during this year and 1598 students got benefited by the programme.

5. Group Discussion.

The Deputy Chief conducted 48 group discussions during the year and 222 students got benefited by the programme.

6. Individual Guidance

The Deputy Chief gave individual guidance to 154 students during this year.

7. 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 10 Information Bulletin during this year.

UNIVERSITY COLLEGES

UNIVERSITY COLLEGE OF TEACHER EDUCATION, THODUPUZHA

1. Name of the School/Department : M .G. U.C.T.E. THODUPUZHA

2. Head of the School/ Department : Dr.Jayasree P.G.

3. Staff Profile

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

4.Courses Offered with Number of Seats

Under Gradu ate	Number of Seats		Post Gradu ate	Number of Seats		M. Phil	Number of Seats		Ph.D	Number of Seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed.	17	95	-			-			-		

6. Student Intake

B Ed: Men (16), Women(89)

7. Library

- (a) Total Number of Books : 5471
(b) Total Number of Journals :2
(c) Total Number of Periodicals : 1
(d) Number of titles added during the year : 169 (Books)

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

Dr. Jayasree P.G. Principal M.G. University College of Teacher Education , Thodupuzha , Idukki (Dist) published a paper in the Journal of Community guidance and research (Vol 29 , No.2 , July 2012 , PP 205 – 210) on the topic “Age and Conformity behaviour of the school students”.

(The analysis of data revealed that the upper primary students had high conformity behavior when compared to secondary students.)

8. Student Achievements- Academic (A Short Discription)

Elizabeth Mathew from Physical Science option cleared UGC –NET in 2012.

9.Any Other Achievements

Dr.Jayasree P.G. Principal .U.C.T.E. Thodupuzha had attended a national seminar on –“ Educational renaissance for a new generation” organized by St.Thomas College of Teacher Education Pala.

Dr.Jayasree P.G. Principal and George Thomas Clerical assistant attended the E-grantz workshop held on 07.06.2012 organized by SC/ST department.

Shri. Mahin K Aliyar Lecturer in Social Science and Smt. Bindu C.R. Lecturer in Malayalam had attended a one day Media Seminar organized by Sree Narayana College of Education and Muvattupuzha Press club on 25.05.2012.

Smt. Bindu C.R. Lecturer in Malayalam Education had participated in a seminar on “New Trends in Language Teaching “ organized by MAMATHA at St. Joseph College for Teacher Education for Women , Ernakulam on 18.12.2012.

UNIVERSITY COLLEGE OF APPLIED SCIENCES, EDAPPALLY

1 Name of the School/Department

UCAS, EAPPALLY

e-mail

1. mgucasedappally@gmail.com

2. stasplacement@gmail.com

Website

www.staskochi.org

2 **Head of the School/Department**

Dr.N.C Santhakumari (Regional Director)

3 **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	5	18	1	Nil	23
Non Teaching	6	7	Nil	Nil	13

4. **Courses offered with number of seats:**

Under Graduate	Number of seats		Post Graduate	Number of seats	
	Men	Women		Men	Women
B.Sc. Electronics (50)			MCA (30)		
B.Sc. Computer Science (50)			M.Sc. Applied Electronics (30)		
			M.Sc. Computer Science (30)		

5.Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared	
	Men	Women	Men	Women		Men	Women
B.Sc. Electronics	27	5	9	6	MCA	14	16
B.Sc. Computer Science	18	18	12	18	M.Sc. Applied Electronics	8	5
					M.Sc. Computer Science	5	15

6. Library

- a) **Total Number of books** 1689
- b) **Total Number of Journals** 5
- c) **Total Number of Periodicals** 9
- d) **Number of titles added during the year** 90

7. Publications by the Faculty with impact factor of the Publications (A short description)

Dr.Thomaskutty Mathew

1. Editorial – “Special issue on wearable antennas & Systems” in international journal of Antennas & Propagation – Vol. 2012, Article ID 573202
2. “Fractal Based Microstrip antenna for RFTD Applications” – proceedings of APSYM – 2012 – CUSAT – PP 156 – 159
13. Research Highlights of Faculty/ Scholars (A short description)

8. Research Scholars Registered in the School

SL No.	Name of Research Scholar	Title	Name of Guide
1	Mr.Aju Joyhn K.K	Electronics	Dr.Thomaskutty Mathew
2	Mrs. Manju Bhasker	Electronics	Dr.Thomaskutty Mathew
3	Mr.Ajai V.G	Electronics	Dr.Thomaskutty Mathew
4	Mrs.Sreekala K.S	Electronics	Dr.S Krishnakumar

UNIVERSITY COLLEGE OF APPLIED SCIENCES, PULLARIKUNNU

1. **Name of the School/Department** : University College of Applied Sciences, Pullarikunnu
(with e-mail and website) mgucasktm@gmail.com
www.stasmgu.org

2. **Head of the School/Department** : Dr. Bindu K., Regional Director

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	3	Nil	Nil	5
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	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Tech.	43	21	MCA	41	49	Nil			Nil		

(30 seats)			(30 seats)								
B.Sc. Comp.Sc. (40 seats)	43	23	M.Sc.CE&NT (30 seats)	39	11	Nil			Nil		
			M.Sc.AE (30 seats)	10	11	Nil			Nil		

5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M. Phil
	M	W	M	W		M	W	M	W	
B.Tech.	26	10	15	5	MCA	11	18	5	15	Nil
B.Sc. Comp.Sc.	I & II Year only				M.Sc.CE&NT	16	3	12	2	Nil
					M.Sc.AE	3	4	1	4	Nil

6. Library

- (a) Total Number of Books : 6187
- (b) Total Number of Journals : 5
- (c) Total Number of Periodicals : 6
- (d) Number of titles added during the year : 200

7. Academic Achievement (A short Description) : Ph.D awarded to Sri. Anilkumar P.V, Lecturer in Polymer Engineering (December 2012)

8. Student Achievements – Academic (A short Description)

1. Three students joined CUSAT for M.Tech.Polymer Technology
2. Two students joined M.Tech. In Polymer Technology in MG University

Technical papers presented by B Tech students

1. 7 students presented posters at the National Seminar held at Sri Krishnadevaraya University, Anantapur, Andhra Pradesh from 16-17 March 2012
2. 4 students attended the Kerala Science Congress held at Rubber Research Institute of India, Kottayam.
3. 10 students presented technical posters in 'SCIENTIA-2012', National Seminar Organized by the Mahatma Gandhi University College of Engineering from 28-29 September 2012.

9. Students Activities/Achievements – (Extra Curricular)

1. B.Tech. Polymer Students Mr. Roju Paul and Mr. Sridhar Jayakrishnan Won Second Prize in 'Technical Quiz' competition conducted in 'SCIENTIA-2012', National Seminar Organized by the Mahatma Gandhi University College of Engineering from 28-29 September 2012.
2. Kiran S. Kumar, presented a Poster at the National Seminar held at Sri Krishnadevaraya University, Anantapur, Andhra Pradesh from 16-17 March 2012 and **WON SECOND PRIZE.**
3. Govindanunny M. got **1st prize** in paper presentation at the National Seminar on **ADVANCED POLYMERS** held at University College of Engineering, Thodupuzha from 28-29th September 2012.
Kiran S. Kumar got **3rd prize** in paper presentation at the National Seminar on **ADVANCED POLYMERS** held

10. Paper published and presented by the faculty

Dr. Anil Kumar P.V., Ph.D

PAPERS PUBLISHED in 2012

1. 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, J. Hazard. Mater. 199-200, 336, 2012.
2. Transport behavior of aromatic hydrocarbons through high density polyethylene/ethylene propylene diene terpolymer blends, P. V. Anil Kumar, S. Anilkumar, K. T. Varughese, Sabu Thomas, J. Polym. Res., 19, 9794, 2012.
3. Transport properties of high-density polyethylene/ethylene propylene diene terpolymer blends, P.V. Anil Kumar, S. Anilkumar, K.T. Varughese, Sabu Thomas, J. Mater. Sci., 47, 3293, 2012.
4. Permeation of Chlorinated Hydrocarbon Vapors through High Density Polyethylene/Ethylene Propylene Diene Terpolymer Rubber Blends, Anil Kumar P.V., Anil Kumar S., K.T. Varughese and Sabu Thomas, Sep.Sci. Technol., 47, 811, 2012.
5. Effect of Rubber-Filler Interaction on Transport of Aromatic Liquids through High Density Polyethylene/Ethylene Propylene Diene Terpolymer Rubber Blends, Anil Kumar P.V., K.T. Varughese, Sabu Thomas, Ind. Eng. Chem. Res., 6697, 2012.

6. Permeation of nitrogen and oxygen gases through ethylene propylene diene terpolymer and high density polyethylene/ ethylene propylene diene terpolymer blend membranes, Anil Kumar P.V., Anilkumar S. K.T.Varughese and Sabu Thomas, Sep. Sci. Technol., 48, 1, 2013.

PAPERS PRESENTED IN NATIONAL/INTERNATIONAL SEMINARS

1. Presented a Paper at the National Seminar on **ADVANCES IN POLYMERIC MATERIALS** held at Sri Krishnadevaraya University, Anantapur, Andhra Pradesh from 16-17 march 2012.

NATIONAL/INTERNATIONAL CONFERENCES ATTENDED

1. ICN-2012, Second **International Conference on Nanomaterials – Synthesis, Characterization and Applications**, ce organised by the Centre for Nanotechnology, Mahatma Gandhi University, Kottayam from 12th-15th January 2012
2. 24th Kerala Science Congress held at RUBBER BOARD, Kottayam, Kerala from 29-31 January 2012.
3. Attended IMPC 2012, the **Third International Multicomponent Polymer Conference** organised by the Centre for Nanotechnology, Mahatma Gandhi University, Kottayam from 23-25th March 2012.
4. Attended ICCPPA-2012, First Indo-US International Conference on Polymers for Packaging Applications organized by the Centre for Nanotechnology, Mahatma Gandhi University, Kottayam from 31 st March-2nd April 2012.
5. Attended one day conference on ‘ Music and Science’ organized by the Inter University Centre for Studies in Music, Mahatma Gandhi University on 24th April 2012.
6. Attended the Faculty Orientation Programme organized by University College of Applied Sciences, Mahatma Gandhi University from 7th-9th June 2012.
7. Attended ‘Specialized training on Nano Technology’ organized by the Department of Training, Rubber Board from 19-21 September 2012.
8. Attended ‘SCIENTIA-2012’, National Seminar on **ADVANCED POLYMERS** held at University College of Engineering, Thodupuzha from 28-29th September 2012.

Ms. Bindu M.S

Publications in International Refereed Journals

1. Bindu.M.S, Sumam Mary Idicula, "Compound Word Generation and Analysis in Malayalam for the Purpose of Information Retrieval", International Journal of Computer Science and Information Technology (IJCSIT), Vol.2, No.2, Dec. 2009.
2. Bindu.M.S, Sumam Mary Tdicula, "Named Entity Recognizer Employing Multiclass

Support Vector Machines for the development of Question Answering Systems", International Journal of Computer Applications (IJCA), Vol.25, No. 10, July 2011.

3. Bindu.M.S, Sumam Mary Idicula, "High Order Conditional Random Field Based Part of Speech Tagger for Malayalam -a Highly Agglutinative Language", International Journal of Advanced Research in Computer Science (UARCS), Vol.2, No.5, Sep. 2011.
4. Bindu.M.S, Sumam Mary Idicula, "A Hybrid Model for Phrase Chunking Employing Artificial Immunity System and Rule Based Methods", International Journal of Artificial Intelligence and Applications (IJAIA), Vol 2,No.4 October 2011
5. Bindu.M.S, Sumam Mary Idicula, "Named Entity Identifier for Malayalam Using Linguistic Principles Employing Statistical Methods", International Journal of Computer Science Issues (UCSI), vol.8, No.4 July 2011.

Papers in International Conferences

1. Bindu.M.S, Sumam Mary Idicula, "Analysis of Malayalam Compound Words and Implementation of a Compound Word Splitter Tool Using Finite State Models", International Conference on Modeling and Simulation (MS 09) India 1-3 Dec 2009.Organised by CET,Trivandrum and AMSE, France.
2. Bindu.M.S, Sumam Mary Idicula, " Experimental Analysis of N-gram and Vector Space Language Models and Development of a Hybrid Model for Malayalam Document Representation", International Conference on Modeling and Simulation (MS 09)India 1-3 Dec 2009.
3. Bindu.MS, Sumam Mary Idicula,"Malayalam Text Classification Using an Enhanced N-gram Based Vector Space Model for Health Applications", The third International Conference on Semantic E-Business and Enterprise Computing, 15-17 September, 2010. Organised by AJCE, Kanjirappally and Kingston University,UK

Papers in National Conferences

1. Bindu.M.S, Sumam Mary Idicula,"Compound Word Generation and Analysis in Malayalam for the Purpose of Information Retrieval", A National Conference on Computer Science and Information Technology" ,25-26 November 2009. Organized by University of Calicut and NIMIT (**Best Paper Award**)

UNIVERSITY COLLEGE OF ENGINEERING, MUTTOM, THODUPUZHA

1. **Name of the College (With e-mail and website)** :University College of Engineering, Muttom, Thodupuzha, www.ucet.ac.in
E Mail: infouce@dataone.in
2. **Name of the Principal** Prof. K T Subramanian

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	30	43	Nil	Nil	73
Non Teaching	34	14	Nil	Nil	48

3. 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	330		M.Tech	36					6seats Admission-0		

4. 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	
B.Tech	493	430			M.Tech	22	84								

5. Library

- (a) Total Number of Books 13369
 (b) Total Number of Journals 33
 (c) Total Number of Periodicals 5
 (d) Number of titles added during the year 1804

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

- (a) International Level : Sri Jose Sebastian, Lecturer in Polymer Engineering participated in the international conference on Emerging Advanced Nanomaterials-2012 (ICEAN-held at the Australian Institute of Bio-engineering and Nanotechnology, University of Queensland, Australia. He presented a paper titled “*Studies on optical, thermal and electrical behavior of Polystyrene – Zn se nanocomposite for electronic applications*”. The conference was held in October 2012.

7. **Research Highlights of Faculty:** Neelakantan P C, Lecturer awarded Ph.D. from NIT

8. **Industry Varsity Linkage** : Memorandum of Understanding with Lunar Rubbers for industrial co-operation signed

9. **List of Research Guides in your College (With e-mail and website)**

Dr.Lethakumari B., Assistant Professor, Electronics

UNIVERSITY COLLEGE OF NURSING, ANDOOR

1. **Name of the School/Department** : UNIVERSITY COLLEGE OF NURSING, ANDOOR,

(With e-mail and website)

MARANGATTUPILLY P.O, PALA.

principalucnpala@yahoo.in

2. **Head of the School/ Department** : Mrs. Regi Thomas, Principal

3. **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	01	21	Nil	Nil	22
Non Teaching	04	03	Nil	Nil	07

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	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Sc. Nursing	50										

5. **Library**

a. Total Number of Books : 3027

b. Total Number of journals :12

c. Total Number of Periodicals : 03

d. Number of titles added during the year : 1387

UNIVERSITY COLLEGE OF TEACHER EDUCATION, KUDAMALOOR

1. **Name of the School/ Department** : University College of Teacher Education

Kudamaloor, Kottayam

E-mail address -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	6	Nil	Nil	9
Non- Teaching	3	1	2	Nil	3

4. Courses offered with number of seats Total Number of seats - 98

Under Graduate	Number of seats		Post Graduate	Number of seats		M.Phil	Number of seats		PhD	Number of seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed	8	90	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A

5. Student Intake

Intake, those Appeared in the Examination and passed -Academic Year 2011-2012																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		M.Phil	Appeared		Passed		PhD	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	6	91	6	91	N.A					N.A					N.A				

7. Library

(a)	Total Number of Books	8200
(b)	Total Number of Journals	05
(c)	Total Number of Periodicals	02
(d)	Number of titles added during the year	300

8. **Research Highlights of Faculty / Scholars** : Sri Siva Prasad K, Lecturer in General Education is doing research in the Department of School of Pedagogical Sciences, M.G. University and has submitted the thesis.

UNIVERSITY COLLEGE OF TEACHER EDUCATION, MUVATTUPUZHA

1. Name of the School/Dept : Mahatma Gandhi University College of Teacher Education,

Muvattupuzha, e-mail: uctemvpa@gmail.com

2. Head of the School/Dept : Dr. T.P. Omana, Principal

3. Staff Profile

Staff	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	02	12	03	NIL	14
Non-Teaching	03	01	NIL	NIL	04

4. Courses Offered with Number of Seats

Under Graduate	Number of seats	200
----------------	-----------------	-----

5. Student Intake

Intake, those Appeared in the examination and Passed					Remarks
Under Graduate	Appeared		Passed		
	Men	Women	Men	Women	
Bachlor of Education	12	188*	12	188*	*2 women Adl B.Ed

6. Library

- a. Total Number of Books : 4172
- b. Total Number of Journals : 10
- c. Total Number of Periodicals: 10
- d. number of titles added during the Year : 174

7. Seminars Conducted : 2

State level : 1

8. Students Activities/achievements :

- a. Arts festival : The Arts festival was conducted on 30th and 31st January 2012.
- b. Sports: The sports meet was conducted on 18th May 2012.
- c. Game: A cricket match was conducted on 17th May 2012

9. Alumni Activities: The meeting of Alumni association was on Second Saturday of May 2012. A seminar on the theme of New Trends in Education was conducted on 25th May 2012.

UNIVERSITY COLLEGE OF TEACHER EDUCATION, PAIPPAD

1. **Name of the School / Department (with e-mail and website) :** University College of Teacher Education, Paippad, Changanacherry- 686537

E-mail – uctepaippad@yahoo.com website – www.mguniversity.edu

2. **Head of the School / Department :** Radhakrishna Kaimal

3. **Staff Profile :**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	03	07	01	Nil	11
Non-Teaching	03	Nil	Nil	Nil	03

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 (2012-13)	10	90	NIL	---	---	NIL	---	---	NIL	---	---

5. **Student Intake :**

Under Graduate	Appeared		Passed		Passed	
	M	W	M	W	M	W
B.Ed 2011-12	09	86	RA	RA	--	--

6. Library

(a) Total Number of Books	:	3711
(b) Total Number of journals	:	08
(c) Total Number of Periodicals	:	01
(d) Number of Titles added during this year	:	136

7. Seminars conducted / attended by faculty (Name – wise with details)

- (a) National Level : 1. Dr. Lali. S – On Emotional Intelligence
2. Thara. K. S - On Emotional Intelligence
- (b) International Level : 1. Reshmi. K. S – On Innovations, Quality and Excellence in Ed.

8. 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%.

9. Students Activities / Achievements – (Extra Curricular)

- (a) Arts Festival : Conducted Arts Festival in the College
- (b) Sports : Conducted Annual Sports Meet in the College

UNIVERSITY COLLEGE OF TEACHER EDUCATION, THIRIPUNITHURA

1 Name of the School : Mahatma Gandhi University College Of Teacher Education, Tripunithura

Email Address : mguctetpra@gmail.com

2 Head of the School : Suja K K (Principal)

3 Staff Profile :

	Men	Women	SC	ST	Total
Teaching	3	5	1	-	8
Non Teaching - Regular	1	3	2	-	4

	Men	Women		Men	Women		
BSc.(N)	50(No ratio)		MSc.(N)	20 (No ratio)		Nil	Nil
BSc MLT	35 (No ratio)						
BPT	35(No ratio)						
PB (N)	20(No ratio)						

5. Student Intake.

Intake,those Appeared in the Examination and passed													
Appeared-Passed					Appeared-Passed								
Under Graduate	M	W	M	W	Post Graduate	M	W	M	W				Remarks
<u>BSc (N)</u>													No admission for B.Sc, MSc, PB (N) in this year
<u>BSc MLT</u>	Nil				MSc (N)								
<u>BPT</u>	08	27				Nil							
<u>PB (N)</u>	01 Nil	05											

6. Library

Total no of Books : 3626

Total no of Journals : 12

Total no of Periodicals : 05

No of Titles added during the year : 500

7. Publications by the Faculty with impact factor of the publications –

Dr.Sr. Mary Lucita, Principal, UCME, Angamaly authored 3 books on: Community Health Nursing, Cardio Vascular Nursing, and Public Health Nursing.

8. Research highlights of Faculty /Scholars -

Smt. Pushkala

N.R doing Research in Psychiatric Nursing

9.. Students Achievements, Academic - 1st position secured by Grace Maria Jose in 1st year MSc Nursing University Examination.

BSc. Nursing	60	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
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5. Library

- (a) Total Number of Books :- 2974
- (b) Total Number of Journals :- 13
- (c) Total Number of Periodicals :- 07
- (d) Number of titles added during the year :- 1227

6. Student Achievements – Academic

98 % second Batch of 2nd Batch (2007) students passed their 4th year BSc. Nursing examination. 60 % of 3rd Batch students passed in 3rd year BSc. Nursing examination and eligible for appearing 4th year BSc. Nursing examination. 35 % of 3rd Batch (2009) students passed in 1st year BSc. Nursing examination and eligible for 2nd year examination.

7. Academic Tie-Ups :- We have academic tie – up with St. John’s – Kattappana, Navadarsanagram de-addiction center – Puliyanmala and Ashabhavan – Nedumkandam.

UNIVERSITY COLLEGE OF NURSING, THALAPPADY

1. Name of the school /Department : University College of Nursing Thalappady, Rubber Board P.O., Puthuppally.

2. Head of the School/Department : Prof. RENY THOMAS

3. Staff profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	19	2		21
Non-Teaching	1	2	Nil	Nil	03

4. Courses offered with Number of seats

Under Graduate	No. of seats		Post graduate	Number of seats		M.Phil	No. of seats		Ph. D	Number of seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B Sc Nursing	50 (Not reserved separate for Men & Women)		M Sc Nursing	08 (Not reserved separate for Men & Women)							

5. Student Intake

Under Graduate	Appeared	Passed
----------------	----------	--------

	M	W	M	W
Ist yr.2010Admn	-	50	-	42
IInd Yr.2009 Admn.	2	47	-	36
3 rd Yr.2008	2	40	2	37
4 th yr.2007	3	42	3	42

6. Library

- (a) Total Number of Books 2382
- (a) Total Number of Journals – 11
- (b) Total Number of Periodicals – 04
- (c) Number of titles added during the year – 131

AFFILIATED COLLEGES

COLLEGE OF APPLIED SCIENCES, PUTHENVELIKKARA

1. Name of the College (With e-mail and website) : College of Applied Science,
Puthenvelikkara, North Paravur, Ernakulam, www.ihrd.ac.in, E Mail:caspvkihrd@gmail.com

2. Name of the Principal : Gangashen T.P

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	15	Nil	Nil	16
Non Teaching	3	Nil	Nil	Nil	3

4. Student Intake

Intake , those Appeared in the Examination and Passed M-Men, W-Women

B.Sc Computer Science	25	36	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
B.Com with C A	63	62	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
B.Sc Electronics	7	9	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

5. Library

(a) Total Number of Books 722

(b) Total Number of Periodicals 5

ADI SANKARA TRAINING COLLEGE, KALADY

1. Name of the college(with e-mail and website) : Adi Sankara Training College, Kalady
: adisankaratrainingcollege@gmail.com
: www.adisankaratraingcollege.com

2. Name of the Principal : Sri.C.Ponnuraj

3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1 (Principal)	8	Nil	Nil	9
Non Teaching	1	4	Nil	Nil	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	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed	2	89									

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	2	89	2	89															

6 .Library

- a)Total Number of Books : 6405
- b)Total Number of Journals : 22
- c) Total Number of Periodicals : 5
- d) Number of titles added during the year : 506

8. Seminars Conducted

- a) State Level :
- 1) One Day Seminar on Value Integrated Teaching Pedagogy by Rtd.Principals of 3 reputed C.B.S.E schools in Ernakulam District VidyodayaThevakkal,Bhavan’s Vidhyamandir& Chinmaya Vidhyalaya)
 - 2) One Day Seminar& Workshop on E- Learning by Dr.Ravikrishnan, Centre Co-ordinator,IGNOU Centre Thrissur.

9.Publications by the Faculty with Impact factor of the Publications :

A book was published by our faculty member Mrs.S.Karpagam Lecturer in Ednl.Psychology in the year 2012.

The name of the book is “An Introduction to Education and LifeSkills”. Published by “Council for Teacher Education”, South zone Kerala. The book relates about the changing scenario of social and educational system

which demands the quality and competency of teachers for national developments through the new branches of Lifeskill Education.

AMAL JYOTHI COLLEGE OF ENGINEERING, KANJIRAPPALLY

1.Name of the College (With e-mail and website) : Amal Jyothi College of Engineering,
Kanjirapally, E-mail : info@amaljyothi.ac.in, office@amaljyothi.ac.in, www.amaljyothi.ac.in

2.Name of the Principal : Rev. Dr. Jose Kannampuzha

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	118	105	7	1	223
Non Teaching	82	24	2	Nil	106

4.Courses Offered with Number of seats

UNDER GRADUATE	INTAKE	POST GRADUATE	INTAKE
AUTOMOBILE ENGINEERING-B.TECH	60	MASTERS IN COMPUTER APPLICATIONS - MCA	60
CIVIL ENGINEERING-B.TECH	120	POWER ELECTRONICS AND POWER SYSTEMS-M.TECH	18
COMPUTER SCIENCE AND ENGINEERING-B.TECH	90	COMMUNICATION ENGINEERING-M.TECH	24
ELECTRONICS & COMMUNICATION ENGG- B.TECH	120	MACHINE DESIGN-M.TECH	18
MECHANICAL ENGINEERING-B.TECH	120	COMPUTER SCIENCE AND ENGINEERING-M.TECH	18
ELECTRICAL & ELECTRONICS ENGINEERING-B.TECH	60	STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT-M.TECH	24
INFORMATION TECHNOLOGY-B.TECH	60		

METALLURGY-B.TECH	60		
Total	690		162

5.Student Intake

Name of the course	Year wise details	Sanctioned Strength	Actual Intake	Total No. of Students	
				M	F
B.Tech	I Year	690	642	378	264
	II Year	600	582	330	252
	III Year	570	583	331	252
	IVYear	540	503	260	243
MCA	I Year	60	59	20	39
	II Year	60	58	18	40
	III Year	60	56	23	33
M.Tech	I Sem	102	94	28	66
	IIISem	72	65	23	42

6.Library

(a) Total Number of Books : 34038

(b) Total Number of Journals : 128

(c) Total Number of Periodicals : 28

(d) Numer of titles added during the year : 1037

8.Grants Received From

(a) State Government

Development of Poly(vinyl alcohol) membranes for the pervapoartion separation of aqueous alcohol mixtures from Kerala State Council for Science and Technology, Kerala State - Amount sanctioned: 13.20 lakhs

Research project on Enhancement of lifestyle of a physically challenged person for Rs 75,000/- from State Commissionerate for persons with disabilities, Government of Kerala.

(b) Others - Specify

- Development of High-Performance Graphene / Polychloroprene Rubber Nanocomposites., DST, New Delhi, 19.3 lakhs only
- Rs. 40, 000 received from DRDO, New Delhi for the conduct of AICERA 2012 -

7. Seminars Conducted

(a) International Level: AICERA 2012, International conference on engineering education: innovative practices and future trends held from 19-21 July 2012

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

- High Performance HTLNR/Epoxy Blend – Phase Morphology and Thermo-mechanical Properties - Viju Susan Mathew , Jyotishkumar.P, Soney.C. George, Preetha Gopalakrishnan,, Laurent Delbreilh, , Jean Marc Saiter,, Prakash J. Saikia, and Sabu Thomas(Article first published online: 28 DEC 2011 Journal of Applied Polymer Science , DOI: 10.1002/app.35446/pdf)
- A paper “GSM - BASED PC CONTROLLER was presented in UGC sponsored national seminar on Mobile Computing organized by the Dept. of Computer Application, Marian College Kuttikanam, in association with MG University on 19 & 20 of September. It was authored by Prof. Shiney Thomas

- The paper titled "Semantic Web-based Adaptive E-learning Triggered through Short Message Services" was published in the Proceedings of ICCSE- 2012 in IEEE Xplore Digital Library --- Digital Object Identifier: [10.1109/ICCSE.2012.6295434](https://doi.org/10.1109/ICCSE.2012.6295434) Publication Year: 2012 , Page(s): 1860 - 1863. Authors are Mr. Joms Antony, Fr. Rubin Thottupuram, and Ms.Shiney Thomas
- Ms.Bindu S Moni (AP,CSE) presented a paper titled “ Handwritten Character Recognition System Using a Simple Feature”, in The International Conference on Advances in Computing, Communications and Informatics, ICACCI 2012 at RMK Engg College, Chennai on Aug 3to5.
- A paper titled “An Architecture-Based Methodology for Parallel Independent Computation in Enterprise Edition”, was accepted for the International Conference on Semantic E-business and Enterprise Computing (SEEC). The conference was held at Cyber City of Mauritius from 13to15Dec. Rev.Dr.Biju John Professor &Dir CIS, Ms.Sumy Joseph (AP,CSE),Josekutty Abraham (PG scholar) are the authors
- A paper titled ‘Hybrid Method of Image Compression’ authored by Ms.Praseeda B Nair has been accepted in International Journal of Communication and Computing

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

1. Ms.Theresa Yamuna Mahesh, AP, ECE has registered for Ph.D in Bharatiyar University
2. Ms. Jasmine Mathew, AP, DBS has registered for Ph.D in Mathematics in MGU

10.Academic Achievements (A Short Description)

S. No	Course	Year	Sanctioned Intake	Students Admitted, (including LE)	Students Passed out in first attempt	No of Students passed in first attempt %	No of Students passed out with Distinction	No of Students with 1st Division	No of Students with IInd Division
1	CE	2012	62	62	47	75.81	10	37	0
2	CSE	2012	62	62	55	88.71	10	44	1
3	ECE	2012	124	123	102	83.00	23	78	1
4	EEE	2012	62	62	41	66.13	10	31	0

5	IT	2012	62	59	41	69.49	5	36	0
6	ME	2012	62	62	30	48.39	6	24	0

1. Richu Geevarghese Samuel of B.Tech(ME) secured third rank in the University
2. A new research centre in Nanoscience and technology is inaugurated.
3. An MOU is signed with M/S ABS Instruments, Chennai for design, development and manufacture of Creep Testing Machine
4. QIP admissions for the academic year 2011-12:
 - a. Mr. Binu Thomas - NIT Calicut
 - b. Mr. Ajosh Abraham, NIT Calicut
 - c. Mr. Stephen George, IIT Mumbai

11.Student Achievements - Academic (A Short Description)

Student project E-Diagnoser bagged first prize at INFOCOM, Kolkotta

12. Arts Festivals

College encourages the Students to participate in various Arts and technical festivals by timely informing the students about the various events organised by various colleges under MG University as well as other universities in Kerala. Elections are held as per the university norms and the Arts club secretary along with a faculty in charge is given responsibilities for conducting various activities. As an initiation for the yearly activities “Arts club” inauguration was conducted. In the year 2011 -2012, 250 students (B Tech and PG together) from Amal Jyothi College of Engineering have participated in various technical and Cultural fests as per the documents available. 110 students were able to secure first and second positions respectively. The college conducts “Arts fest” every year for 2 days from which the candidates to M G university Youth festival were selected. 30 students of this institution participated in the MGU youth festival “Sargodayam 2012” held at Thiruvalla from Feburary 29th to March 4th 2012. Total of 4 people secured positions and 4 students obtained “A GRADE” in their events.

College organised the prestigious techno-cultural program “AZURE” for 3 days (26, 27 and 28th January 2012). More than 1500 participants for 60 events and 2800 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.

13. Sports and (e) Games

M.G University Tournaments

Teams	Position
Badminton	Second
Chess	Second
Table Tennis	Second
Cricket	South Zone Second
Basketball	Inter Zone Qualified
Football	Participation
Volleyball	Participation

Sarath V Joy (S1S2 ME) represented MG University in the All India Inter University Championship and won Silver medal in the south Zone inter University Table Tennis Championship.

Bineesh Mathew (S8 ECE) represented MG University in the South Zone Inter University Chess Championship held at VIT University, Vellore.

All Kerala Inter Collegiate Tournaments

1. Amal Jyothi Basketball team secured the Second position in the 'ARENA 2012' All Kerala Inter Collegiate Basketball tournament organized by Amal Jyothi college of Engineering
2. Amal Jyothi Volleyball team secured the second position in the 'Azure 2012' All Kerala Inter Collegiate Volleyball tournament organized by Amal Jyothi College of Engineering, Kanjirapally.
3. Amal Jyothi Basketball team Participated in the All Kerala Inter Collegiate Basketball tournament organized by Rajagiri college of Engineering, Kakkanad.
4. Amal Jyothi Basketball team Participated in the All Kerala Inter Collegiate Basketball tournament organized by Viswa Jyothi college of Engineering, Vazhakulam.

5. Amal Jyothi Basketball, Cricket, Football, Badminton, Tabletennis and Volleyball teams Participated in the “PACE 2012” All Kerala Inter Collegiate Sports fest organized by St.Josephs college of Engineering, Pala.

14.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

**ARAFA COLLEGE OF ARTS AND SCIENCES, PEZHAKKAPPILLY,
MUVATTUPUZHA**

1. **Name of the College** : Arafa College of Arts and Science, Pezhakkappilly, Muvattupuzha, E-Mail: arafacollege.info@gmail.com
Website: www.arafacollegeofartsandscience.com

2. **Name of the Principal** : Haris P.M.

3. Staff Profile:

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	10	Nil	Nil	11
Non Teaching	1	3	Nil	Nil	4

4. Courses Offered with Number of Seats

Under Graduate	Number of Seats	
	Men	Women
B.Com CA Model II	40	

B.Com F&T Model II	40	
BCA	30	
BA English (L&T) Model I	30	

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
B.Com CA Model II	10	1		
B.Com F&T Model II	1	1		
BCA	6	5		
BA English (L&T) Model I	0	5		

6. Library

- (a) Total Number of Books- 1000
- (b) Total Number of Journals- 10
- (c) Total Number of Periodicals-10
- (d) Number of Titles added during the year- 2

ASSUMPTION COLLEGE, CHANGANACHERRY

1. **Name of the College** : Assumption College, Changanacherry
Email: ac@assumptioncollege.in
Website: www.assumptioncollege.in
2. **Name of the Principal** : Dr. Sr. Mariamma Joseph
3. **Staff Profile:**

Staff		Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Permanent	1	68	Nil	Nil	69
	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		MP hil	Number of Seats		Ph.D	Number of Seats	
	M	W		M	W		M	W		M	W
BA: English Language & literature	NA	40	MA: 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						
BCom	NA	60		NA							
BSc. 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	MFT	15							

5.Student Intake (Women Only)

Under Graduate	Appear ed	Passe d	Post Graduate	App eare d	Passe d	MPh il	Appear ed	Passe d	Ph. D	Appear ed	Passe d
BA: English Language & literature	45	41	MA: 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	M.Sc Comp.Sc.	18	18						
Museology & Archaeology	8	8	MSc. FSMD	7	7						

BCom	67	62									
BSc. 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									

5.Details of tests cleared by students (if any)

Sl.No	National Level	State level
1	UGC-CSIR NET- 15	

6. Library

- a. Total Number of Books : 61760
b. Total number of Journals : 270
c. Total number of periodicals : 100
d. Additions during the period : 659

7. Grants Received from

- a. State Government : Rs. 20.76 lakhs
b. Central Government : Nil
c. University Grant Commission : Rs. 43.95 lakhs

8. 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

9. Seminars Conducted :

a. State Level

- A one day Seminar on ‘Apiculture Practices’ by Prof Sajan Jose K, Dept of Zoology, St Joseph’s College, Moolamattom, on 31st July 2012
- A workshop on “Effective Management of Household Plastic Wastes” by Sri Joshi Mathew, Lecturer, Dept of Polymer Technology, Govt polytechnic College,

Nattakom, Kottayam , held on 25th September 2012 for the Parents of II Year students of the college.

- Dept of Zoology and the Patent Information Centre of KSCSTE(Kerala State Council for Science, Technology & Environment), Thiruvananthapuram jointly organized a one day workshop on ‘Intellectual Property Rights’ on 5th July 2012

b. National Level:

1. Dept. of Mathematics organized UGC sponsored National Seminar on Discrete Mathematics and its Applications on 2012 March 1,2 & 3.
 2. Dept of Chemistry organized National Seminar on Green Chem-the Ultimate Tool for Pollution Control – Feb 14 & 15 , 2012
 3. Dept. of Social Work organized International Conference - Inclusion: Understanding Children with Disabilities to Build Inclusive Communities - January 11th & 12th, 2012 .
 4. Dept. of English organized UGC sponsored Workshop on WOMEN EMPOWERMENT - 12-13 September 2012.
 5. Dept. of Physics organized UGC sponsored workshop on - Methodology of Science - 25th & 26th August 2011.
 6. Dept. of Physics organized State Level workshop on - Enrichment programme on Revised Curriculum based experiment – 1,2 & 3 Feb 2012
- INSPIRE Internship Science Camp has been organized at Assumption College, Changanacherry from 26-30, November 2012, under the sponsorship of Department of Science & Technology, Govt. of India. Dr. Raju Narayana Swamy IAS inaugurated the camp.

10. Publications by the Faculty

Name of author	Title of the Paper	Journal details
Ms.Manjulin Jacob Dept of Home Science	Organic Textile -a way to green happy and healthy life- Proceedings of National Seminar “Towards Green Consumerism –	St.Teresa’s College on 9 th -10 th August 2012

	Innovative approaches and Practices”	
Ms Anne Mary Joseph Dept of Home Science	Sustainable Living through Green Values - Proceedings of National Seminar “Towards Green Consumerism – Innovative approaches and Practices”	St.Teresa’s College on 9 th - 10 th August 2012
Ms. Minitha Susan Joseph Dept of Home Science	<ul style="list-style-type: none"> • Natural Food colors- A green approach towards sustainable tomorrow” Proceedings of National Seminar “Towards Green Consumerism – Innovative approaches and Practices” • Preventive nutrition in old age- Proceedings National Seminar on – “Ageing and society; a multidisciplinary approach” 	St.Teresa’s College on 9 th - 10 th August 2012 St.Teresa’s College on 4 th -5 th October 2012
Ms.Rajimol K.C and Ms Bridget Scaria Dept of Home Science	<ul style="list-style-type: none"> • Natural Food colors- a green approach towards sustainable tom morrow” - Proceedings of National Seminar “Towards Green Consumerism – Innovative approaches and Practices” • Preventive nutrition in old age- Proceedings National Seminar on – “Ageing and society; a multidisciplinary approach” 	<ul style="list-style-type: none"> • St.Teresa’s College on 9th-10th August 2012

11. 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”

- Sr. Philomenamma John (Dept. Home Science) awarded PhD in Food Service Management and Dietetics from Avinashilingam University Coimbatore - Nutritional profile of Mannan and Urali tribes of Idukki District Kerala and the impact of nutrition intervention on underweight anemic women.

12.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”

13. Academic Achievements

- Dr. Binumol Abraham (Dept. of History) secured Gold Medal for the Best Thesis in the University of Hyderabad for the year 2011. Thesis: Humour and History of Mentality: A study of Popular Culture in Colonial Kerala.
- Dr. Poulami Aich Mukherjee (Dept. of History) secured cash prize for the best paper presented (Understanding Indo-Portuguese connections: A Study in Maritime Culture)in the French Institute, Pondicherry for presenting paper in the Inter National Seminar ‘Oceans Connect’.
- Minitha Susan Joseph won second prize in paper presentation in ‘ReAP 2012-Interdisciplinary Research Fair’ held at St.Teresa’s College Ernakulam on 10th December 2012

14. Students Achievements - Academic

- Sreeja .S and Anagha P of Ist PG FSMD won third prize in poster competition held at Dietary Department of General Hospital, Ernakulam on 16th October 2012 as part of World Food Day
- Inter collegiate ‘Emerald Quest’ conducted in the Dept of Zoology, KG College, Pampady on 20/9/2012. Our students participated and bagged prizes. The Prize winners are,
 - a) Arpita Augustin III Sem Zool ML I : I Prize in Caption writing
 - b) Mrudula Mohan K III Sem Zool ML I : I Prize in Cross Word puzzle

c) Chinchu Mohan V Sem Zool; ML I : II Prize in Poster Designing

- Intercollegiate Quiz Competition organized by the 'BOOMITHRASENA CLUB- Nature Club, Dept of Botany SB College, Changanassery on 30/9/2012- 6 teams participated from our College. Mrudula Mohan K(III sem Zool) & Anjaly Mary Salu(III Sem Bot) secured III Prize.
- Our students participated in various competitions conducted by the Social forestry Division, Govt of Kerala on 2/10/2012 at CMS Higher Secondary school Auditorium, Kottayam.
Merin Paul I Sem FMB, II Prize in Essay Writing
Mrudula Mohan K , III Sem Zool, II Prize in Poster Designing.
- Sreeja .S and Anagha P of Ist PG FSMD won third prize in poster competition held at Dietary Department of General Hospital, Ernakulam on 16th October 2012 as part of World Food Day

a. National Cadet Corps

17 students of our institution got 'B Certificate'and 9 got 'C Certificate'. Fifteen students from our college attended Combined Annual Training Camp (CATC) at StThomas College, Ranni from 23/12/11 - 02/01/12 and won prizes for various cultural and sports activities.

b. National Service Scheme

The NSS unit of Assumption College began its activities of the academic year 2012-13 by observing the World Environment Day, June 5. The NSS volunteers planted vegetable saplings along with Nature Club Members in the College premises. The Programme Officers of the NSS, Dr. Meerabhai Amma and Ms. Amal P Mathews gave the necessary suggestions and guidance. On June 8, 50 NSS volunteers and P.O's participated in the awareness class held at Municipal Town Hall on 'National Disaster Forces – Familiarization Exercise'. On June 26 the NSS unit of the College organized a talk on 'Plastic Free College – Plastic Free Zone' by Mr. Badruddin Haji, President, Plastic Association. It was also proposed that the NSS unit of the college would collect plastic bags from the students and staff of the college, which would later be handed over to the Plastic Association. On July 9, an orientation class on Blood Donation was taken by Mr. Thomas Wilson, Communication Messenger, HLFPPPT for the NSS Volunteers.

15. Industry Varsity Linkage

- Tata Tea Ltd

- Changanacherry Social Service Society
- NIFT-TEA, Tirupur

16. 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.
- In association with Community College, Dept of Economics conducting an Enrichment Programme – Surface Embellishment –this is to nurture the creativity of students.

17. Student Progression (Brief about the past students).

Teena John, Jimy Sebastain and Manju P Kunjumon won First, Second and Third ranks respectively in M G University M.Sc Food Service Management and Dietetics

18. Campus Recruitment (if any)

Sl.No:	Name of the candidate	Department	Company	Month
1	Rinky Siby	Commerce	South Indian Bank	January
2	Simi Anna Philip	Commerce	South Indian Bank	January
3	Jane Joseph	Commerce	South Indian Bank	January
4	Zepheena Henry	BACE	Media Systems, Infor Park	January
5	Kessy Kurian	Computer Science	SAP Labs India Ltd, Banglaore	January
6	Merin Mathew	Computer Science	SAP Labs India Ltd, Banglaore	January
7	Aswathy B Namboothiri	Computer Science	SAP Labs India Ltd, Banglaore	January

19. 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	Raji Sebastian	Bhakti Movement in Medieval Kerala	Dr Sr Rosamma Mathew
2	Sheena Thomson	The Struggle for Women's Rights and Liberation in Kerala (1900-1947)	Dr Sr Rosamma Mathew
3.	Sanjay C. T.	History of Migration and Social Changes: A Study of Two Districts of Kerala	Dr Rosamma Mathew

20 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

ATHURASRAMAM NSS HOMOEOPATHIC MEDICAL COLLEGE, S.PURAM

1. Name & Address of the Institution : Athurasramam NSS Homoeo Medical College,
S.Puram P.O, Kottayam

Website : www.ansshomeomedicalcollege.com

e-mail : ansshmc@gmail.com

2. Name of the Principal : Dr.R.Venugopal

3. Staff profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	11	19	Nil	Nil	30
Non-Teaching	7	5	Nil	Nil	12

4. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
I BHMS (Supply)	2	2	2	2
II BHMS (Supply)	1	4		3
III BHMS (Supply)		3		3
IV BHMS	3	33	-	-
IV BHMS (Supply)	5	6	1	4

5. Library

- (a) Total no. of books : Central Library- 2696
Book Bank - 1245
- (b) Journal : 6
- (c) Periodicals : 29
- (d) Additional during the period : 150 Books

AVILA COLLEGE OF EDUCATION, EDACOCHIN

1. **Name of the Institution:** Avila College of Education,
Cochin – 682 010

2. **Name of the Principal** : Dr. Benny Varghese

3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Schedule Tribe	Total
Teaching	4	14	Nil	Nil	18
Non-Teaching	3	7	Nil	Nil	10

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	
	Men	Women		Men	Women		Men	Women		Men	Women
B. Ed	15	150									
			M. Ed.	7	16						

5. Details of Tests cleared by Students (if any)

No.	National Level	State Level (SET)	

1	3	1	
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6. Library

- (a) Total Number of Books - 8069
(b) Total Number of Journals - 37
(c) Total Number of Periodicals - 14
(d) Number of titles added during the year - 2

7. Student Achievements – Academic (A Short Discription)

(B. Ed. Result - Grade A+ 8, A 45, B+ 80, B 21, C+ 1)

(M. Ed. Result – (Rank - 1, First Class – 16, Second Class - 4)

8. Research Scholars Registered in the College, if your College is an approved Research

Centre

Sl. No.	Name of Research Scholar	Title	Name of Guide	Remarks
1	Theresa Jose	“Sreethuwam” ONV Kurupinta Kavithakalil	Dr. VK Krishna Kaimal, Department of Malayalam, Maharaja’s College, Ernakulam	
2	Elizabeth Thomas	Effectiveness of Polya’s Approach on “Problem Solving and Problem Creating Ability “ in Mathematics of Secondary School Students	Dr. Celine Periera, Associate Professor, School of Pedagogical Sciences, Kottayam	

B.Sc.:- Mathematics	41	71									
Physics	29	43	M.Sc.:- Physics	08	20						
Chemistry	21	75	Chemistry	08	31						
Botany	25	74									
Zoology	25	73									
B.Com. (Regular)	92	79	M.Com.	09	26						
Voc.B.Com. (OM & SP) [Self- financing]	75	41									

5.Student Intake:

Intake, those appeared in the examination and passed. M-Men, W-Women.

U.G.	Appear- ed	Passed	P.G.	Appear- ed	Passed
------	---------------	--------	------	---------------	--------

	M	W	M	W		M	W	M	W
B.A.					M.A.				
Eng.	24	29	21	26	Eng.	03	19	01	13
Mal.	09	18	07	14					
Eco.	18	33	10	31	Eco.	03	12	0	03
Pol.	23	15	10	14					
B.Sc.					M.Sc.				
Maths	12	21	11	21					
Phys.	19	06	16	06	Phys.	01	13	0	10
Che.	12	25	08	24	Che.	02	16	01	13
Bot.	12	17	06	16					
Zool.	08	20	05	16					
B.Com	24	29	21	31	M.Com	04	14	04	14

Voc.									
B.Com	22	14	22	13					

6. Details of Tests cleared by students:

Sl. No.	National Level	State Level	
1.	Nil	Teacher Eligibility Test (TET)	Deepthi D. (II M.Sc. Chemistry)
2	Three students (NET)		English Department
3	One student (NET)		Physics Department

7. Library: (General)

(a) Total number of books	:	37140
(b) Total number of journals	:	27
(c) Total number of periodicals	:	30
(d) Number of titles added during the year	:	836

8. Grants received from:

(a) Central Government:-

Botany Department – Grant received from Ministry of Environment & Forest – Government of India (Rs.10,000/-) for conducting awareness campaign 2011-12 and Rs.13,000/- for the year 2012-13.

(1) UGC – Minor Project – Synthesis of novel pyrimidine derivatives (Rs.1.75 lakhs) –

Dr. Annie Mathews.

(2) UGC – Minor Project – Characterization, electron donation, acid-base and catalytic

Activity of MgO-ZnO mixed oxides – Dr. Jalaja J. Malayan.

9. Publications by the Faculty with impact factor of the publications: (A short description).

English Department:-

- (1) For Your Remembrance 20/09/1954 (BASELIUS RESEARCHER) – Dr. Verghese Leena.
- (2) Reverberating notes in Christ Literature (BASELIUS RESEARCHER) – Dr. Maya Kuiakose.
- (3) Reinforcing Patriarchy: An Analysis of Hero’s language in select Mohanlal Films (BASELIUS RESEARCHER) – Dr. Jyothimol P.
- (4) Apprehending the Dichotomy of Postcolonial Perspectives in South Africa: J.M. Coetzee and Nadine Gordiner (RESEARCH SCHOLAR) – Dr. Jyothimol P.

Malayalam Department:-

Dr. V.A. Philip – One essay in “Malayalathile Cherukadhakarikal” – “Oru Yezhuthukariyude ullilum averpolumariyathe” based on Sara Joseph’s story.

Dr. Shyla Abraham – “Ballyathinte Prathibhalanam Madhavikuttiyude Kadhakalil” – Baselius Researcher.

Dr. Sherly Kurian – Kaboolivala – Story & Cinema–A Critical Comparison – Baselius Researcher.

Thomas Kuruvilla – (1) Ormayile Samara Sooryan – Biography of the veteran politician E. John Jacob.

(2) Kathaparayum Kalam – Biography of Dr,Philipose Mar Chrisostom.

(3) Adhyapaka Smaranakal – A lyrical biography of the Masters.

Sanskrit Department:-

Dr. P.V.Viswanathan}(1) Srichinna Kavyam.

Nampoothiri}(2) Manasapooja.

(3) Sukamrtam.

Politics Department:-

Sheeja Kuriyakose (2012):

- (1) “State Reorganization and Demand for Separate Statehood in India”, Social Action 61(2).
ISSN 0037-762.
- (2) “Women empowerment through political participation”, Baselius Researcher XIII(1). ISSN
0975-8658.
- (3) “India in Turmoil – Jammu and Kashmir, North East, and Left Wing Extreme”, by Ved
Merwah in the Journal ‘Baselius Researcher’ XIII (1).

Zoology Department:-

Dr. Susan Panicker – ‘Importance of Azospirillum species in agriculture’, Baselius Researcher ISSN –
0975-8658, Vol.XIII, No.1, January – June 2012.

Commerce Department:-

One Book with ISBN published by 2 faculty members.

- Principles of Business Decisions – Kalyani Publishers – Dr. P.M. James and
Prof. Manoj Narayanan K.S. (ISBN-
- Prof. Manoj Narayanan K.S. edited a text book on ‘Modern Banking’, published by
Gayathri Publications.

Three papers published by 2 faculty members – Dr. P.M. James and Sri. Manoj Narayanan K.S. in
ISSN recognized journals.

- Asset Management of Companies in Indian Mutual Fund Industry – An overview –
Baselius Researcher Vol.XII – No.1 (ISSN-0975-658).
- Mutual Fund Schemes – A Multi Dimensional Perspective – Research Line – Publication
by Devamatha College, Kuravilangad – Vol.IV – No.1-C(ISSN 0975-8941).
- The Global Economic Meltdown and its Impact on Worldwide Mutual Fund – Research
Scholar – Vol.1 No.1 September 2011, a refereed Inter Disciplinary Research Journal
(ISSN 2249-6696).

BASELIUS THOMAS I CATHOLICATE COLLEGE OF ENGINEERING AND TECHNOLOGY, KOOHATTUKULAM

1. **Name of the college** : Baselius Thomas I Catholicate College of
Engineering and Technology, koothattukulam , www.btcc.org, contact @btcc.ac.in

2. **Name of the Principal** : Dr. Renjith Abraham

3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Schedule Tribe	Total
Teaching	14	28	1	Nil	42
Non-Teaching	23	14	2	Nil	37

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	
	Men	Women		Men	Women		Men	Women		Men	Women
B. Tech	179	82									

5. Library

- (a) Total Number of Books - 4863
- (e) Total Number of Journals - 34
- (f) Total Number of Periodicals - 7
- (g) Number of titles added during the year - 249

BCF COLLEGE OF NURSING, CHEMMANAKARY

1. Name of the College (With e-mail and website) : BCF COLLEGE OF NURSING

Chemmanakary, Akkarappadam.P.O

Vaikom, Kottayam Pin : 686143

Ph : 04829 272000, 274000

e-mail : bcfnursing@gmail.com , [www.](http://www.bcfcollegeofnursing.com)

[bcfcollegeofnursing.com](http://www.bcfcollegeofnursing.com)

2. Name of the Principal : Prof. B. Leelamma

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	1	24	Nil	Nil	25
Non Teaching	5	5	Nil	Nil	10

4. Courses Offered with Number of seats : BASIC B.Sc. NURSING

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
I year	1	46									
II Year	1	47									
III Year	--	48									
IV year	3	35	---	---	---	---	---	---	---	---	---
	5	176									

(MATRICULATED UNDER KUHAS, THRISSUR)

5. Library

- (a) Total Number of Books : 3213
- (b) Total Number of Journals : 22
- (c) Total Number of Periodicals : 05
- (d) Additions during the period : 162

6. Grants Received From

- (a) Other than central/ state/UGC - 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.

7. Seminars Conducted

- (a) State Level : Work Shop : “Stroke” : An Emerging Clinical Crisis – Nurses’ Challenge
- (b) Institutional level : Seminar : Patient safety and medication error
- Symposium : Postpartum psychosis
- Pannel discussion : Women against domestic violence

- 8. Student Achievements - Academic** : Jayanth Thulaha Cultural & Educational Scholarship – 2012 (TNAI)

9. Students Activities/ Achievements – (Extra Curricular)

- (a) Arts Festivals : 1) Recitation (Malayalam) - 1st prize, SNA Arts Meet in State Level at Kollam 2012
- 2) Recitation (Malayalam) - 1st prize, SNA Arts Meet in East Zonal Level 2012
- 3) Floor decoration - 1st prize, SNA Arts Meet in East Zonal Level 2012
- 4) Story Writing (English) 1st prize, SNA Arts Meet in East Zonal Level 2012
- 5) Poetry Writing (English) 1st prize, SNA Arts Meet in East Zonal Level
- 6) Group Song – 2nd prize, SNA Arts Meet in East Zonal Level 2012
- 7) Recitation (English) – 2nd prize, SNA Arts Meet in East Zonal Level 2012

- 8) Essay writing (Malayalam) – 2nd prize, SNA Arts Meet in East Zonal Level 2012
- 9) Poster presentation (OBG) – 3rd prize, SNA Arts Meet in East Zonal Level 2012
- 10) Group Song – 2nd prize, SNA Arts Meet in East Zonal Level 2012
- 11) Group Song – 1st prize, Nurses week 2012, Kottayam
- 12) Story Writing (English) - 2nd Prize, Nurses week 2012, Kottayam
- 13) Essay writing (English) - 2nd Prize, Nurses week 2012, Kottayam

- (b) Sports : 1) Long Jump – 3rd prize, East Zonal Level 2012
- 2) Discus throw- 1st prize, Nurses week 2012, Kottayam
- 3) Shot put – 2nd prize, Nurses week 2012, Kottayam
- 4) Javelin throw (Boys) - 2nd prize, Nurses week 2012, Kottayam
- 5) Javelin throw- 3rd prize, Nurses week 2012, Kottayam
- 6) 100 mtr race – 3rd prize, Nurses week 2012, Kottayam
- (c) Games : 1) Badminton – 2nd Prize, East Zonal Level 2012

CET COLLEGE OF MANAGEMENT, SCIENCE AND TECHNOLOGY

1. Name of the College (with e-mail and website) : C.E.T. College of Management,
Science

& Technology - Airapuram

E-mail : cetcollege@yahoo.com

Web Site: www.cetcollege.org

2. Name of the Principal : Prof. M.P Lalu M.Sc, M.Phil.

3. Staff Profile

	Men	Women	Scheduled	Scheduled	Total
--	-----	-------	-----------	-----------	-------

			Caste	Tribe	
Teaching	17	55	-----	-----	72
Non Teaching	4	48	-----	-----	52

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.B.A	60 Seats		M.H.R.M	30 Seats+8 seats (Marginal Increase)							
B.C.A	90 Seats		M.Com Finance	33 Seats							
B.F.T	24 Seats		M.Com E-Commerce	18 Seats							
B.B.M	40 Seats		M.Com Banking	15 Seats							
B.A English Literature, Communication & Journalism Triple Main	30 Seats		M.Sc. Computer Science	18 Seats							
B.A Animation & Graphic Design	24 Seats		M.Sc. Mathematics	12 Seats							
B.Sc. Electronics	30 Seats		M.Sc. Electronics	12 Seats							
B.Sc. Mathematics	30 Seats										
B.Sc. Computer Science	30 Seats										

B.Com Computer Application Vocational (Model II)	100 Seats+10 seats(Marginal increase)						
B.Com Finance & Taxation Vocational (Model II)	100 Seats						
B.Com Marketing Vocational (Model II)	50 Seats						
B.Com Travel & Tourism Vocational (Model II)	40 Seats						

5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
<u>2009 Admission</u>									
<u>B.Com C.A 5th Sem</u>									
B.Com C.A 6 th Sem	31	25	30	24					
B.B.A 5 th Sem	31	24	24	22					
B.B.A 6 th Sem	30	14	24	13					
	29	14	19	13					

<u>2010</u>					<u>2010</u>				
<u>Admission</u>					<u>Admission</u>				
B.Com C.A									
3 rd Sem	36	11	18	10					
4 th Sem	36	11	29	10					
					M.H.R	3	3	3	2
B.Com Finance & Taxation					.M	3	3	3	3
3 rd Sem					3 rd Sem				
4 th Sem	29	8	24	7	4 th Sem				
	29	8	22	8					
B.B.A									
3 rd Sem									
4 th Sem	23	10	15	10					
	23	10	20	10					
B.C.A									
3 rd Sem									
4 th Sem	7	9	6	8					
	6	9	6	8					

<u>2011 Admission</u>					<u>2011 Admission</u>				
B.Com C.A									
I st Sem									
2 nd Sem	49	21	4	21	M.H.R.M				
	49	21	9	19	I st Sem	1	4	1	2
B.Com Finance & Taxation			4		2 nd Sem			Result awaiting	Result awaiting
I st Sem			8						
2 nd Sem	31	24		22	M.Com Finance			4	4
B.Com Marketing	31	24		22	I st Sem	8	4	Result awaiting	Result awaiting
I st Sem			2		2 nd Sem				
2 nd Sem			7						
	8	---	8	----	M.Com E-Commerce			---	1
B.B.A	8	-		----	I st Sem	1	1	Result awaiting	Result awaiting
I st Sem		---			2 nd Sem				
2 nd Sem		-							
	23		6	25	M.Sc Computer Science			1	5
B.C.A	23		6	23	I st Sem			Result awaiting	Result awaiting
I st Sem		26			2 nd Sem				
2 nd Sem		26							
	23		1	32	M.Sc Computer Science				
	23		8	33	I st Sem	1	5	Result awaiting	Result awaiting
		34	1		2 nd Sem				
		34	8						
			1						
			7						
			1						
			8						

<u>2012 Admission</u>				<u>2012 Admission</u>			
B.Com C.A 1 st Sem	74	31	Result Awaiting				
B.Com Finance & Taxation 1 st Sem	58	24		M.H.R.M 1 st Sem	1	9	
B.Com Marketing 1 st Sem	26	1		M.Com Finance 1 st Sem	16	11	
B.Com Travel & Tourism 1 st Sem	6	---		M.Com E- Commerce 1 st Sem	1	2	
B.B.A 1 st Sem				M.Com Banking 1 st Sem	8	4	
B.C.A 1 st Sem	33	22					
	41	28		M.Sc Computer Science 1 st Sem	2	2	
B.B.M 1 st Sem							
B.F.T 1 st Sem	7	---		M.Sc Maths 1 st Sem	---	8	
B.Sc Electronics 1 st Sem	4	1			2	3	
B.A English 1 st Sem	3	--		M.Sc Electronic s 1 st Sem			
	4	1					

6. Library

a) Total Number of Books	:	20356
(b) Total Number of Journals	:	24
(c) Total Number of Periodicals	:	20
(d) Number of titles added during the year	:	5165

7. 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)

8. Students Activities/ Achievements –(Extra Curricular)

(a) Arts Festivals : Megha C. Kurian got 3rd place in M.G. University Inter Collegiate Literary Competition 2012.

9. Campus Recruitment (if any) : Yes

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1.	WIPRO	5	2	---	1
2.	IGATE	4	4	---	1

CHRIST KNOWLEDGE CITY, KUZHOOR

1. Name of the College (With e-mail and Website)

Kuzhoor,

@christknowledgcity.com,

www.christknowledgcity.com

- CHRIST KNOWLEDGE CITY,

Airapuram P.O, Ernakulum- 683541

e- Mail I: city

Website :

2. Name of the Principal

- Dr.CD Suriyakala

3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	16	79	-	-	95
Non Teaching	12	36	-	-	48

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	-	300 Seats	M C A	-	120 Seats	-	-	-	-	-	-

4. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Tech- S4		120		83	MCA S2		18		17
S2		212		84					

5. Library

Total Number of Books	- 11610
Total Number of Journals	- National 76, International 44
Total Number of Periodicals	- 34

6. Seminars Conducted

State Level

1) Electronics & Communication Dept. - An Inter college Level Symposium conducted at college on 26/09/12 & 27/09/2012 on Emerging Trends in communications, Control and Instrumentation in association with Applied Electronics and Electrical & Electronics Department. Prof. Ram Kumar Sreedharan, Dean of ADI SANKARA ENGG. COLLEGE was the chief judge for paper presentation. Department also conduct a Seminar on PORTABLE WIRELESS COMMUNICATION presented by Prof. (Dr.) K. Vasudevan Dean of CUSAT on 27/09/2012.

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

Electrical Dept

1. Er. Elizabeth KA, Associate Professor – How to motivate the Students (Topic)
2. Er. Priya Venugopal - Assistant Professor – Personality Development
3. Er. Bibi Mohan , Assistant Professor – Human Energy harvesting
4. Er. Nobin Paul, Sr. Lecturer- Solar Power Satellite

Electronics Department

5. Er. Baby Dhanya KA, Associate Professor – Wireless communication (Topic)
6. Er. Jisha KV - Assistant Professor – BLU RAY DISC
7. Er. Jayaram R Pillai , Assistant Professor – RF ID

Applied Electronics Department

8. Er. Rinku Leo, Sr. Lecturer – E- Waste Management (Topic)
9. Er. Magi Joseph - Assistant Professor – Biometrics

National Level -

International Seminar

Seminar on Higher educational opportunities in the United States; How to select a good school; and the process for obtaining a student visa on 13/09/2012 by the following delegates.

Mark Zanolli serving in the Consular Section, has previously served as a consular officer in Guangzhou, China. He is from Pittsburgh, Pennsylvania and obtained a bachelor's degree in history from the University of Pittsburgh. Prior to joining the Foreign Service, Mark served in the U.S. Marine Corps.

Benjamin Embury is a consular officer in Chennai. Before coming to India, he worked in the Middle East. Ben hails from Washington, dc.

CMS COLLEGE, KOTTAYAM

1. Name of the College(With e-mail and Website) : CMS College, Kottayam, Kerala (State)

E.mail: kottayamcmscollege@gmail.com

web: www.cmscollege.ac.in

2.Name of the Principal : M.M Korah

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	40	50			90
Non Teaching	27	5			32

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
I DC Literature	13	27	I PG Literature	5	19						
II DC Lierature	11	26	II PG Liteature	4	8						
III DC Literature	17	13	I PG Commerce	4	10						
I DC Communicative English	6	18	II PG Commerce	4	7						

I DC Economics	20	18	I PG Maths	4	16						
II DC Economics	14	16	II PG Maths	1	9						
III DC Economics	22	14	I PG Pure Physics	5	9						
I DC History	21	24	II PG Pure Physics	4	7						
II DC History	29	18	I PG Applied Physics	4	4						
III DC History	17	16	II PG Applied Physics	3	5						
I DC Commerce	19	28	I PG Chemistry Pure	1	11						
II DC Commerce	25	20	II PG Chemistry Pure	0	11						
III DC Commerce	19	27	I PG Chemistry Analytical	3	8						
I DC Malayalam	9	9	II PG Chemistry Analytical	3	4						
II DC Malayalam	4	18	I PG Chemistry Applied	0	11						
III DC Malayalam	9	7	II PG Chemistry Applied	0	12						
I DC Maths	15	22	I PG Zoology	1	8						
II DC Maths	11	25	II PG Zoology	4	5						
III DC Maths	9	13	I PG Botany	2	8						
I DC Physics	20	12	II PG Botany	2	8						

II Dc Physics	20	13	I PG Home Science	0	6						
III DC Physics	16	10	II PG Home Science	0	15						
IDC Chemistry	12	22	I PG Biotechnology	2	10						
II DC Chemistry	12	21	II PG Bio Technology	0	9						
III DC Chemistry	8	17	I PG Sociology	10	6						
I DC Zoology	8	32	II PG Sociology	6	7						
II DC Zoology	8	17									
III DC Zoology	9	17									
I DC Botany	5	32									
II DC Botany	8	24									
III DC Botany	5	18									
I DC Home Science	3	8									
II DC Home Science	2	9									
III DC Home Science	0	2									
I DC Biotechnology	3	22									
II DC Biotechnology	8	18									
III DC Biotechnology											

5.Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
Malayalam	4	14	4	14	English	2	14	2	12
English	16	23	13	23	Sociology	5	12	4	10
History	22	14	21	14	Mathematics	3	11	2	9
Economics	24	13	21	12	Applied Physics	3	3	3	3
Mathematics	15	21	14	19	Pure Physics	6	4	6	3
Physics	18	14	18	14	Analytical Chemistry	4	7	3	6
Chemistry	20	09	18	8	Applied Chemistry	1	9	1	8
Zoology	18	13	12	10	Pure Chemistry	1	13	1	10
Botany	10	15	8	13	Zoology	1	9	1	6
Home Science	0	4	0	4	Botany	2	7	0	6
B.Com	20	21	19	20	M.com	5	8	4	7

6. Library

- (a) Total Number of Books :70773
- (b) Total Number of Journals :59
- (c) Total number of Periodicals :27
- (d) Number of titles added during the year :863

7.Grants Received from

(a) University Grants Commission

Period	01.01.2012 to 31.12.2012	Amount
08.02.2012	Colleges with relatively higher proportion of SC/ST OBC (excluding creamy layer)and Minorities stipend for students	400000.00
17.08.2012	UGC/XI Plan/ Development Assistance to Colleges/ Post Graduate Department Zoology/ Building	150000.00
17.08.2012	UGC/XI Plan/ Development Assistance to Colleges/ Post Graduate Department Chemistry / Building	100000.00
05.10.2012	Coaching Classes for entry in services for SC/ST/OBC (excluding creamy layer) and Minorities	64000.00
08.10.2012	Equal Opportunity Center in Colleges XI Plan (Contingency, Meetings, Honorarium to Advisor, Short term course on positive discrimination)	75000.00
11.10.2012	Coaching for NET/SET for SC/ST/OBC (excluding creamy layer) and Minorities	82500.00
12.10.2012	Remedial Coaching for SC/ST/OBC (excluding creamy layer) and Minorities	64000.00
	TOTAL	935500.00

8. Projects Undertaken

Period	01.01.2012 to 31.12.2012	Amount
21.08.2012	Minor Research Project in Humanities (Nisha P Aravind)	77500.00
06.09.2012	M R P Assistance- Jobin Mathew (II installment)	22000.00
06.09.2012	M R P Assistance- Abraham Samuel K (II installment)	58000.00
05.10.2012	Minor Research Project in Humanities (Dr. Jacob Thomas) entitled A STUDYON PERSONAL FINANCE OF COIR WORKERS AT CHERTHALA – WITH SPECIAL REFERENCE TO THEIR SAVING AND INVESTMENT – 1 ST installment	25000.00
10.10.2012	Minor Research Project in Sciences (Ms. ELIZABETH CHERIAN) entitled DEVELOPMENT OF MICROBIAL CONSORTIUM FOR THE DEGRADATION OF NATURAL RUBBER AND IMPLEMENTATION OF THE MICROCOSM TO PROCESS RUBBER WASTE- 1 st installment	160000.00
10.10.2012	Minor Research Project in Sciences (Dr. Varghese C Joshua) entitled DESIGN AND CONTROL OF A PERISHABLE INVENTORY MODEL – 1 ST installment	130000.00
10.10.2012	Minor Research Project in Sciences (Sam Rajan)entitled CERAMIC SUPERCONDUCTOR YSRCACUO-1 ST installment	75000.00
10.10.2012	Minor Research Project in Sciences(Rogimon P Thomas) entitled DNA BROADCASTING OF MURDANNIA (COMMELINACEAE) IN WESTWRN GHATS- 1 st installment	137500.00
19.10.2012	Major Research –Anooja Thomas	891800.00
	TOTAL	1576800.00

9. Seminars Conducted

(a) National Level

Period	01.01.2012 to 31.12.2012	Amount
08.02.2012	Seminar Assistance-Equity in Search of sustainability and Ecological view – Sociology Department	93750.00

10. Student Activities/Achievements- (Extra curricular)

(a) National Cadet Corps

National cadet corps is the biggest youth organizations in the world. ‘Unity and Discipline’ the motto of NCC symbolizes the role played by the cadets in grooming the future generation of our great nation. This youth organization has been instilling high sense of discipline , commitment and enthusiasm among students . the aim of NCC is to develop qualities of character , courage, discipline , leadership, secular outlook, spirit of adventure and the ideals of selfless service among the youth to make them useful citizens . It also creates a human resource of organized , trained and motivated youth to provide leadership in all walks of life including the Armed forces and always available for the service of the nation

CMS college NCC Unit has been maintaining its position as the best student organization in the college . We have strength of 107 cadets and this unit comes under Kerala and lakshadweep directorate, 16(K) Battalion NCC Unit Kottayam. This year 107students from various departments were enrolled in NCC unit of CMS College, 74 SD cadets (boys) and 33 SW cadets (girls). The college conducts 20 parades within 6 months on every Saturdays , except second Saturdays . There is a prescribed syllabus for ‘B’ certificate and ‘C’ certificate examinations. The first 2 hours for drill and parade and lecture classes are significant part in NCC training to prepare the cadets for various certificate examinations. These ‘B’ and ‘C’ certificate Examinations confer the cadet with additional drive and avenues for smart carriers in their life .. Rifle parade practices and firing practices are given by PI staff of Battalion.

Lt.Sheeba Thomas from the department of Botany is the Associate NCC Officer of CMS College. After She took charge in NCC , enrollment of girl cadet was initiated . This college unit has grown in its stature in all its achievements . Many of our cadets attended various camps like RDC, Tal Sanik camp, National integration camp, Para Gliding camp, Army Attachment camp. Trekking Camp, CATC , Annual training camp in various places-inside and outside Kerala. The cadets donated blood to patients in reputed medical collegeges and private hospitals.

Albilal Salim (3rd DC Lit)was selected as Senoir under Officer. Deepu Thomas (3rd DC Chem)and Aleena Thampy (3rd DC Phy.) Selected as uUnder Officers. Sreerag P Vijayan was

Selected as J/UO. S/UO Albilal Salim , CSM. Ajay Sebastian and Agt. Poornima Chandran (3rd DC Phy)attended the selection camps of TSC. After a series of ten camps where there physical and mental ability of the cadets were tested . Ajay Sebastian and Poornima Chandran managed to get selection for TSC at New Delhi, representing Kerala and lakshdweep Directorate. Ajay Sebastian was the nominee of firing at New Delhi. Albilal Salim was elected for the all India Para Jumping basic course at Agra. Delhi.. He got selection for this prestigious camp after a series of interviews and two selection camps . He was Selected as All India Best Cadet.

Jordy Jose (3rd DC Phy) attended selection camp of RDC, Successfully clearing a series of strenuous camps .He achieved the goal of RDC Contingent 2012 of Kerala and Lakshadweep. He got selection to march along the much awed Rajpath an honor bestowed upon . Only a few selected cadets from the directorates all over India. Jordy Jose got a golden chance to meet the Vice President of India . Chief Minister of Delhi and three chiefs of Armed Forces. He also participated in Youth Exchange Program Competition which was held at Calicut.

Cadt. Ambareesh Babu (3rd DC Malayalam) Selected in TSC-pre IGC at Nattakom. He got a chance in firing, tent pitching and obstacle training and was an unmemorable experience for him in NCC. Cadet.Soumya C Ernest (3rd DC Phy.) Selected in inter group competition of the Republic Day camp at Mavoor, Calicut. Cadt, Littin K Shaji (1st DC Economics)attended NIC in Gujarat. Cadt. Jomon Johnson (1st DC Malayalam participated in trekking camp at Malayattoor.

The cadets from this college participated in blood donation camp antidrug rallies and environment cleaning programs . The cadets assisted the Police in traffic control as social service. NCC offers mental strength and Physical stability for each and every cadet . Through attending camps , the personality of cadets could be improved to a great extent. CMS College NCC unit gives assurance that it will maintain its standards and take the glory of college to greater heights.

11. National Service Scheme

Pre- Republic day and Mega Camp

Pre- Republic day and Mega Camp was conducted in CMS College . Almost 200 students from different colleges under Mahatma Gandhi University participated in the camp. Fincy Thomas (I BA English Literature) who represented NSS Unit of CMS College got selected for the Republic Day parade. The camp was inaugurated by Samuel Chellay, Youth Officer, NSS.

National Cultural Exchange Program

A National Cultural Exchange Program was organized on February 15, 2012. Hundred students from states like Uthar Pradesh, Madhya Pradesh, Gujarat, Tamil Nadu, Karnataka (Twenty

students each) and fifty students from Kerala participated in the program. NSS volunteers of CMS College performed various cultural programs.

Karunyatinte Kaineetam

The Social Welfare Ministry of Government of Kerala had organized a stamp sale to collect money to help the needy and desolate people. NSS Unit of CMS College was able to collect Rs. 13,000 from students in this regard.

12 Art festivals

Conducted Arts Day at college level and selected students to participate University level and won first prize for Western group and Second Prizes for western solo, light music, third prize for Hindi Elocution and 'A' Grade for Kuchupudi and folk dance.

13 Sports

Coaching Camps

Cricket:- Cricket coaching camp started from June 5th onwards which lasted 3 months. 15 students took part in the camp.

Soft Ball :- Coaching camp for soft ball started from 5th July. Almost 12 students participated in the coaching camp.

Base Ball:- On 10th September 2012 Base ball coaching camp started under which 15 students took active participation . It lasted for three months till the university tournaments.

Foot Ball:-Coaching camp for Football started from 5th July. Almost 15 students participated in the coaching camp.

Hockey:- Coaching camp started for Hockey from 15th July 2012. 16 students participated in the camp.

INTERCOLLEGIATE COMPETITIONS

Cricket:- Our college cricket team stood First place in the M.G University Inter zone Intercolleiate Cricket Tournament by degeating S.H Collge Thevara, Maharajas college , Ernakulam and St. Pauls College Kalamassery held at our college stadium.

Soft ball:-Our softball team secured 2nd position in the M.G University in the intercollegiate competition held at University Ground

Base ball :- In the M .G Unniversity Intercollegiate tournament we had a neck to neck match in Quarter final with UC College, Aluva and we lost the match.

Hockey :- After a long gap our college team participated in the MG university Intercollegiate Hockey tournament held at UC College Aluva. In the quarter final we lost the match against Aquinas college Kochin.

Football:- Our College foot ball team participated in the MG university Intercollegiate Foot ball tournament held Baselius College Kottayam

Athletics:- Our College Athletic team participated in the MG university Intercollegiate Athletic Championship held Maharajas College Ernakulam

Power Lifting:- :- Our College Power lifting team participated in the MG university Intercollegiate Power lifting Championship held St. Dominic College , Kanjirappally.

Body building & weight lifting:- Our College Body building team participated in the MG university Intercollegiate Body building Championship held Maharajas College Ernakulam

ACHIVEMENTS 2012-2013

Cricket

M.G University 1st position in cricket Tournament

Inter University Cricket tournament participation

- 1.Jyothish T Jayakumar(Sociology) 2.Bijo Philip(Economics)
3.Vijilal K.V.(Economics) 4.Nikhil Kuruvilla Xavier(B.Com)

STATE TEAM PLAYERS

- 1.Ajay Kumar A(English) 2. Bijo Philip(Economics) 3.Unni Mohan(Zoology)

Soft Ball

MG University 2nd position in Softball tournament

Inter University soft ball tournament participation

- 1.Vijilal K.V(Economics) 2.Sabin Varghese Varkey (B.Com) 3.Jyothish T
Jayakumar(Sociology)

STATE TEAM PLAYERS

1. Varghese Varkey (B.Com)

Base Ball

Inter University Base ball tournament participation

1. Vijilal K.V(Economics)

Athletics:

- Anees Rahman of B.Com 1st year stood first position in 400 Mts hurdles at the All India Junior Athletic meet held at puna on 24th September 2012
- Sonia P.M of 1st year M.Sc Botany stood 3rd position in 800 mts and 2nd position in 4x400 mts relay on the National womens athletic meet held at Chennai.
- Sajid N P stood 1st position 200 mts at the state athletic championship.
- Abey Sebastian got 2nd position in long jump at the state athletic championship

MG UNIVERSITY ATHLETIC MEET

- Anees Rahman of B.Com 1st year stood first position in 110 mts hurdles and secured 2nd position in 400 mts Hurdles at M.G University Athletic meet 2012
- Sonia P.M of 1st year M.Sc Botany stood 2nd position in 800 mts at M.G University Athletic meet 2012

Inter University Participation

1.Aneesh Rahman

2.Sajid N.P

3.Sonia P.M

Body building

Thomas P Mathew of Economics 1st year stood third position in the MG university Body building Championship held at Maharajas College Ernakulam

Weight lifting

Teena Thomas of M.Sc Mathematics stood 3rd position in the MG university Intercollegiate Weight lifting Championship held St. Dominic College , Kanjirappally.

Programs 2012

Organizers of M.G University Intercollegiate Cricket Tournament from 11th September to 10th October 2012

Organizers of M.G University Inter Zone Cricket Tournament from 14th to 18th November 2012.

Dr. Jackson Paul V has been appointed as selector of the University football team and appointed as the manager for University Basketball team

Mr. Charles A Joseph has been appointed as selector of the University Cricket team

INTRAMURAL COMPETITION

Started the Intramural competition for the development of unity among students and also spend their surplus energy by participating in sports activities

Commerce department stood first position in the inter house cricket tournament

Botany Secured second position in the tournament

14. Campus Recruitment

Sl. No	Name of the Firm	No. Students Selected	
1	IDBI Bank Ltd.	12	Executive Officers
2	Infosys Technology	24	Programmer Analyst
3	Infosys BPO	46	Process Associate
4	ICICIBank	1	Jr. Officer
5	MRF Ltd	2	Supervisor Production
6	Anthom Bioscience	1	Analyst

7	Ranbaxy Pharmaceuticals	1	Sales executive
8	Popular Autobobiles	1	Marketing executive
9	Nippon Toyota	1	Marketing executive
10	Aswan Pharma	1	Chemist
11	Wipro Technology	2	Jr.Technical executive
12	SAP Lab	1	Trainee
13	TCS(Ignite)	2	Executive
14	Muthoot Finance	1	Customer care

22.Research Scholar

SL.NO	NAME OF RESEARCH SCHOLAR	TITLE	NAME OF GUIDE	
1	Jino Joseph	Commerce	Dr. Tomy Mathew	
2	Ashish Varghese	Commerce	Dr. Tomy Mathew	
3	Minimol K Xavier	Do	Dr. Tomy Mathew	
4	Chacko V.I	Do	Dr. Tomy Mathew	

5	Rajesh Kurien	Do	Dr. Roy Sam Daniel	
6	Remya Ramachandran	Do	Dr. Tomy Mathew	
7	Mary Blessy Thomas	Do	Dr. Tomy Mathew	
8	Sulfia Samad	Do	Dr. Jacob Thomas	
9	Sacheendran V	Do	Dr. Tomy Mathew	
10	Aparna V	Do	Dr. Tomy Mathew	
11	Bijumon V.M	Do	Dr. Roy Sam Daniel	
12	Divya S Nayar	English	Dr. Elizabeth Samson	
13	Rohini K Potti	Do	Dr.Prameela Devi J	
14	Bose R	Do	Dr.N Gopalakrishnan Nair	
15	M Ramesh Babu	Do	Dr.Prameela Devi J	
16	Gigy P Koshy	Do	Dr.N Gopalakrishnan Nair	
17	Devi Mohan	Do	Dr.N Gopalakrishnan Nair	
18	Vanichandran	Do	Dr.Prameela Devi J	
19	Nibu Thomson	Do	Dr.John E Abraham	
20	C Padmanabhan	Do	Dr.N Gopalakrishnan Nair	
21	Shaji George	Malayalam	Dr.Babu Cherian	
22	Neenu Mary Philip	Sociology	Dr.E Vijayakumari	
23	Lekshmi S Kaimal	Sociology	Dr.Asha Mathew	
24	Josna George C	Sociology	Dr.E Vijayakumari	
25	Lakshmi Parameswar	Physics	Dr.K Babu Joseph	
26	Satheesh D.J	Physics	Dr.Jayakumari Issac	
27	Geetha C.S	Zoology	Dr.V.S Josekumar	

28	Nisha S Babu	Do	Dr.Susan Panicker	
29	Jessy Anto Therattil	Chemistry	Dr. Laly A Pothan	

23 List of Research Guides in our College

Sl. No	Name of Guide	Title	
1	Dr. Tomy Mathew	Commerce	
2	Dr. Roy Sam Daniel	Commerce	
3	Dr. Jacob Thomas	Commerce	
4	Dr. Elizabeth Samson	English	
5	Dr.John E Abraham	English	
6	Dr.Babu Cherian	Malayalam	
7	Dr.E Vijayakumari	Sociology	
8	Dr.Asha Mathew	Sociology	
9	Dr.Jayakumari Issac	Physics	

THE COCHIN COLLEGE, COCHIN

1.Name of the College (With e-mail and website) : THE COCHIN COLLEGE, COCHIN-

email: thecochincollegekochi2@gmail.com

website: www.thecochincollege.org

2.Name of the Principal : Prof. M.Rajagopalan

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total

Teaching	16	32	-	-	48
Non Teaching	19	4	-	-	23

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 Com	89	173	MCom	12	16				Com		30
BA	69	222	MSc	11	54						
B Sc	110	333									

5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Com	35	45	34	45	M.com	3	14	2	7
B Sc	46	81	21	67	M Sc	6	33	4	17
BA	17	64	2	47					

6. Library

- (a) Total Number of Books : 33886
- (b) Total Number of Journals : 35
- (c) Total Number of Periodicals : 23
- (d) Numer of titles added during the year : 403

7. Grants Received From

- (a) State Government :19,498

8.Projects Undertaken

- (a)Minor Research Project : 2
- (b)Major Research Project : 2

9.Seminars Conducted

- (a) State Level : 3
- (b) National Level : 1

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

- (a) State Level : Commerce – 2 , Economics - 1
- (b) National Level : Commerce – 1, National Researchers Conference

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

Physics : 5 Research Papers in referred Journal

Commerce : Faculty -3 , Scholars - 4

12.Research Highlights of Faculty/Scholars (A Short Discription)

Physics : Research Work being carried out in the field of nonlinear dynamics and radiation
Physics

13.Students Activities/ Achievements –(Extra Curricular)

- (a)National Service Scheme

The activities of the National Service Scheme (Unit no: 51) of the Cochin College in the year 2012 commenced with the Blood Donation Camp which was organised in collaboration with IMA,

Ernakulum. A visit to the Crescent Girls Orphanage, Panayapilly and Good Hope Old Age Home, Fort Kochi was also undertaken by the unit. In July 2012, an orientation class was given to the new volunteers and immediately after the class, a campus cleaning campaign was organised. NSS volunteers promptly attended all the Inter Collegiate camps organised by the Mahatma Gandhi University. The Highlight of the year's activities is the cleaning of the Fort Kochi beach in which the student volunteers enthusiastically participated. The Annual special camp was organised from Dec 19 to Dec 27, 2012 in the Cochin College premises. Apart from the regular activities, important days were also observed by the NSS Unit.

(b) Arts Festivals

Arts Week of the college was organised in March from 6th to 9th 2012. Several Cultural and literary activities and competitions were conducted. Prize distribution of the event was held on the college day.

(c) Sports

Sports and Games – From 1/1/2012 to 31/12/2012.

Performance of 2011-2012

<u>Event</u>	<u>Championship</u>	<u>Position</u>
Base Ball	M.G.University Championship	Second
Wrestling	“ “	VI Position
Cycling	“ “	Third

University Representation

Base Ball – Raizal M.R, Shifas K.A, Saju A.S

Soft Ball - Aphsal A, Raizal M.R, Shifas K.A

National representation

Soft Ball - Aphsal A, Shifas K.A

Base Ball- Akin Babu

Performance 2012-2013

Shuttle Badminton	M.G.University Championship	Quarter Final
Foot Ball	“ “	
Chess	“ “	VI Place

Base Ball	“	“	II Place
Soft Ball	“	“	IV Place
Track and Field	“	“	Participation

University Representation

Soft Ball- Raizal M.R, Shifas K.A, Akin Babu

Base Ball – Aphsal A, Akin Babu

National Representation

Soft Ball – Shifas K.A

Base Ball – Akin Babu

Inter National

Soft Ball – Aphsal A

Apart from this the college Foot Ball team participated in Two Invitation Inter Collegiate Foot Ball tournament.

(e) Games

14.Campus Recruitment (if any)

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Spectrum Soft Tech. Solutions Pvt Ltd	15	20	4	11
2	Exl Service	15	25	8	18
3	Hundai	5	15	11	1

15.Number of PhD’s Produced if your college is an approved Research Centre

Commerce - 1

16. 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	Shameem P.K	Tourism in Kerala	Dr. K.Devadasan	

17.List of Research Guides in your College (With e-mail and website)

Commerce : Dr.M.C Dileep Kumar (9447378004)

Dr. R.Vasanatha Gopal (9400705116)

Physics : Dr.K.P.Harikrishnan(0484 4042997)

K.Annieta Philip (944781090)

DB COLLEGE, KUZHOOR

1.Name of the College (With e-mail and website) :D.B.COLLEGE,KEEZHOOR,-
mail.dbcollegekeezhoor@gmail.com

2.Name of the Principal : Dr.H..SADASIVAN PILLAI.

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	18	19	1	1	37
Non Teaching	6	7	-	-	13

4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
BSc Electronics	60		MSc Electronics	30	
Bcom Voc-ML-II	70		Mcom	36	
BTS	50		MTA	20	
B.A Malayalam (Voc.ML-II)	40		MCJ	30	

5.Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
BSc Electronics	37	15	24	13	MSc Electronics	14	6	8	2
Bcom Voc ML-II	37	25	35	24	MCom	15	10	10	8

BTS	16	13	7	5	MTA	5	1	5	1
					MCJ	8	13	7	12

6. Library

- (a) Total Number of Books : 5168
- (b) Total Number of Journals : 15
- (c) Total Number of Periodicals : 20
- (d) Numer of titles added during the year : 550

GOOD SHEPHERD COLLEGE

1. Name of the College : Good Shepherd College

Good Shepherd College Buildings,

Near Nippon Toyota,

Nattakom PO, Kottayam, Kerala-686013.

Email id: mail@goodshepherdcollege.com

Website: www.goodshepherd college.com

2. Name of the Principal : Prof. GEORGE JACOB

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
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Teaching	8	3	NIL	NIL	11
Non Teaching	4	2	NIL	NIL	6

4. Courses Offered with Number of seats

Under Graduate	Number of Seats
B.Com Model I CA	40
B.Com Model II CA	40
B.Com Model II F &T	40
BBA	40
BA Model III English Literature &Com.	40

5. Student Intake

Under Graduate	Appeared	Passed
B.Com Model I CA	NIL	
B.Com Model II CA	18	Results awaited

B.Com Model II F&T	10	Results awaited
BBA	14	Results awaited
BA Model III English Literature and Com.	NIL	

6. Library

- (a) Total Number of Books - 400
- (b) Total Number of Journals - 05
- (c) Total Number of Periodicals - 08
- (d) Numer of titles added during the year - 150

7. Publications by the Faculty with Impact factor of the Publications (A Short description)

Publication : International journal of Arts;

- Published by : Alphonsa College Pala.
- Title of the article : Impact of motivational strategies in learning
- Author : Bose Tom MA (Eco); M.Ed; M.Phil
- Abstract : The main objectives of the study are to find out if there exists any significant difference in motivational strategies in respect of their gender, locality, parents' employment status. A sample of 200 students was selected by using the simple random technique for the present study. It is found that students have low motivation. Male, rural students, students whose parents are unemployed have better motivation than that of their respective counterparts. Further it is found that there is significant difference exists in respect of gender, locality and parents' employment status in respect of motivation.

8. Industry Varsity Linkage (If any, Short Description)

1. Kerala Economics and Research Association (KERA)
2. Travancore Management Association (TRAMA)
3. ENCON CLUB(process on going) KRL cochin

9. List of Research Guides in your college (With e-mail and website)

1: Name : Dr. Prof R V Jose (MA, Phd, LLB)

Mail : chairman@goodshepherdcollege.com

5. Student Intake

Under Graduate	Appeared		Passed	
	Men	Women	Men	Women
BA Economics	30	16	8	12
BA Tamil	13	2	1	1
Bcom Model-II Voc	18	12	16	12
BSC MATHS	15	14	3	6

6. Library

Total Number of Books : 15803

7. Students Activities

(a) National Service Scheme

NSS Unit of our college has started regular activities promptly as in the previous years. Apart from the regular activities in the month of January, the Republic Day celebrated by the Unit volunteers. In the month of March 2012, a three days residential camp was organized by the unit. In the camp apart from the regular physical work, seminars, classes on personality development and environment were conducted by the unit. In the month of July a orientation programme to the new courses was conducted by the unit.

The Volunteer Secretary Sri. Vivek Bharat has attended the volunteer secretary training at MES college, Erumeli from 03.07.2012 – 05.07.2012. The Programme Officer attended PO's meeting at Baselius College, Kottayam. on 25.07.2012. On 15th August Independence Day celebrations has completed with cleaning the campus. Two NSS volunteers are sent to the Pre – RD Camp selection at St. Thomas College, Pala on 07.09.2012. On 24.09.2012, four NSS Volunteers are sent to the District level NSS Day celebrations at Govt. College, Kattappana. A Film Show on 'Deforestation' was presented by the unit on 24.09.2012 . Five NSS Volunteers has participated in the Inter collegiate Camp at DB College, Keezhoor on 28.09.2012.

Programme Officer Sri. K Nagarajan has attended a training on 'Gender Equity' at Rajeev Gandhi Institute for Rural Development at Chennai from 20.08.2012. In the month of December 2012, 7 days vacation camp was conducted by the unit from 21.12.2012 to 27.12.2012 at GHSS, Marayoor.

(b) Sports& games

Department of physical education has undertaken following activities during the academic year 2012-13

1. Coaching camps in Football, Table Tennis and Cricket
2. Participated in Mahatma Gandhi University Inter collegiate competition in Football and Cricket tournaments at Basalious College, Kottayam and St. Domenic College, Kanjirappally. Football team entered in pre-quarter final defeating College, Pala for a margin of two goals against nil and lost to S.N College, Kumarakam in a thrilling quarter final match. The match was goalless during the regular time. In the penalty shoot out it was a 3 each and the match went to sudden death. Unfortunately the college team lost in sudden death 6-7. The college cricket team won the match against Marian College, Kuttikanam in their first Match. In their second match against Mar Basalious College, Peerumedu they lost for two wickets.
3. The physical education department has undertaken the responsibility of conducting Mahatma Gandhi University Inter Zone inter collegiate Table Tennis tournament for the year 2012-13. The department and has also helped in conducting a tournament for the physical education professors working in various institutions coming under the jurisdiction of M.G University in Badminton and Table Tennis at Munnar.
4. Department is conducting intramural competitions in Football, Cricket, Table Tennis, Chess, Caroms etc.
5. Department is conducting Annual sports Day and Athletic Meet with majority of students enthusiastically participate in it.

6. Physical Education department also helped in conducting various activities like “Tug of War”, Musical chair etc in connection with Onam and other celebration.

HM ARTS AND SCIENCE COLLEGE, RANDARKARA

1. Name of the College (With e-mail and website) :H.M Arts & Science College,
Randarkara (hmartscollege5@gmail.com, www.hmartsandbedcollege.com)

2. Name of the Principal : Gigi Thomas (In Charge)

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	11	Nil	Nil	14
Non Teaching	1	3	Nil	Nil	4

4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
B.Com	30	30	M.Com	6	6
B.B.A	20	20			
B.A Eng	20	20			
B.Com Finane &Taxat	20	20			

ion					
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5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Com					M.Com				
1 st year	31	12			1 st year	8	4		
2 nd year	42	13			2 nd year	4	2		
3 rd year	41	11							
B.Com. Finance & taxation	5	4							
B.B.A	11	2							
B.A English	3	4							

5.Student Intake : 2011 admissions-27 Nos.; 2012 Admission-40 Nos

6. Library

- (a) Total Number of Books : 505 Nos.
- (b) Total Number of Journals : 2 Nos.
- (c) Total Number of Periodicals : 2 Nos.
- (d) Number of titles added during the year: 225 Nos.

HOLY CROSS COLLEGE OF MANAGEMENT AND TECHNOLOGY

1. Name of the College (With e-mail and website) :Holy Cross College of Management and Technology

E. Mail: holycrossputtady@yahoo.com,
mail@holycrossputtady.org

Website: www.holycrossputtady.org

2.Name of the Principal :Prof. Varkey Mathew

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	9	21	1	0	30
Non Teaching	8	4	0	0	12

4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
BBA	66		M.Com	12	
BCA	70		MHRM	12	
B.Com	70				
BTS	60				
BA	65				

5.Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
IBBA	35	13	Waiting for Results		IMCom	Waiting for exams			
IBCA	25	17	Waiting for Results		IMHRM	Waiting for exams			
IBCOM	36	24	Waiting for Results						
IBTS	17	3	Waiting for Results						

IBA	12	26	Waiting for Results						
IIBBA	41	19	34	17					
IIBCA	20	29	17	20					
IIBCOM	43	24	40	13					
IIBTS	33	11	10	18					
IIBA	15	27	5	6					
IIIBBA	33	14	11	25					
IIIBCA	16	14	9	20					
IIIBCO M	37	14	10	28					
IIIBTS	15	6	8	10					
IIIBA	4	11	3	12					

6. Library

- (a) Total Number of Books : 4200
- (b) Total Number of Journals : 4
- (c) Total Number of Periodicals : 39
- (d) Numer of titles added during the year :350

7. Students Activities/ Achievements –(Extra Curricular)

(a) National Service Scheme –Actively participated in the construction of a public road about 2 Kms in Karunapuram Grama Panchyat and planted about 1000 tree- saplings in the forest land near Chakkupallam as well as on the road sides. Awerness programmes on waste management were conducted in the wards.

(b) Arts Festivals-University Youth Festival- A Grade in Kuchupudi

INDIRA GANDHI TRAINING COLLEGE NELLIKUZHI, KOTHAMANGALAM

1. Name of the College (With e-mail and website): Indira Gandhi Training College, Nellikuzhi
bed@igmt.org

2. Name of the Principal : Dr. V. Sadasivan Nair

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	10	Nil	Nil	13
Non Teaching	1	3	Nil	Nil	4

4. Courses Offered with Number of seats (Bed: 100)

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
B.ED	2	52	2	52
TOTAL		54		54

6. Library

(a) Total Number of Books : 5250

(b) Total Number of Journals : 4

(c) Total Number of Periodicals : 4

7. List of Research Guides in your College (With e-mail and website)

1) Dr.V Sadasivan Nair

E-mail: shamsudheen67@yahoo.com

JAI BHARATH ARTS & SCIENCE COLLEGE , J. B NAGAR, ARACKAPPADY,
PERUMBAVOOR

1. Name of the College : Jai Bharath Arts and Science College, Arackappady,
Perumbavoor- 683556
EMAIL: info@jaibharathcollege.com
Website: www. Jaibharathcollege.com

2. Name of the Principal: Dr. M.T.Joy, M.Com, Ph. D

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	23	43	-	-	66
Non Teaching	07	15	01	-	23

4. Courses Offered with Number of Seats

Under Graduate	No. of seats		Post Graduate	No. of seats		Ph. D	No. Of seats	
	M	W		M	W		Men	Women
B.Com Computer 1 st year (118)	55	41	MBA 1 st year (90)	45	38	-	-	-
B.Com Computer 2 nd Year(106)	65	35	MBA 2 nd year (90)	43	45			
B.Com Computer 3 rd year	38	23	MCom Finance 1 st year	09	01	-	-	-

(66)			(12)						
B.Com Tax 1 st year (66)	38	14	MCom e-Commerce 1 st year(12)	02	05	-	-	-	-
B.Com Tax 2 nd year (66)	42	20							
B.Com Tax 3 rd year (66)	32	28							
B.Com Marketing 1 st year (50)	24	10	MSW 1 st year(38)	07	25	-	-	-	-
B.Com Marketing 2 nd year (52)	29	10							
B.Com Marketing 3 rd year (40)	27	08	MSW 2 nd year(38)	08	25	-	-	-	-
B.Com Model I, 1 st year (100)	36	19							
BBA 1 st year (66)	34	15	M. Sc Electronics 1 st year(38) M. Sc Electronics 2 nd year(38)	17 18	07 10	-	-	-	-
BBA 2 nd year (66)	31	19							
BBA 3 rd year (66)	40	17							
B. Sc Electronics 1 st year (60)	24	01	MSc Computer Science 1 st year(12)	-	05	-	-	-	-
B. Sc Electronics 2 nd year (60)	38	04							
B. Sc Electronics 3 rd year (60)	23	03							
BCA 1 st year(50)	32	19				-	-	-	-
BCA 2 nd year (52)	29	25							
BCA 3 rd year(40)	13	06							
B.Sc Computer Science 1 st Year(50)	07	15							

5. Students Intake

Intake, those appeared in the examination & Passed. M- Men, W- Women												
Under Graduate	Appear ed		Passed		Post Graduate	Appear ed		Passed		P h. D	Appear ed/ Passed	
	M	W	M	W		M	W	M	W		M	W
B.Com Computer 1 st year (118)	55	41	-	-	MBA 1 st year (90)	-	-	-	-	-	-	-
					MBA 2 nd year (90)	53	29	24	15	-	-	-

B.Com Computer 2 nd Year(106)	65	35	25	08									
B.Com Computer 3 rd year (66)	38	23	30	20									
B.Com Tax 1 st year (66)	38	14	-	-	MCom Finance 1 st year (12)	-	-	-	-	-	-	-	-
B.Com Tax 2 nd year (66)	42	20	35	18									
B.Com Tax 3 rd year (66)	32	28	26	28									
B.Com Marketing 1 st year (50)	24	10	-	-	MSW 1 st year(30)	-	-	-	-	-	-	-	-
B.Com Marketing 2 nd year (52)	29	10	25	10									
B.Com Marketing 3 rd year (40)	27	08	20	07	MSW 2 nd year(30)	08	25	07	23	-	-	-	-
B.Com Model I, 1 st year 100()	36	19	-	-	MCom e-Commerce 1 st year(12)	-	-	-	-	-	-	-	-
BBA 1 st year (66)	34	15	-	-	M. Sc Electronics 1 st year(30)	-	-	-	-	-	-	-	-
BBA 2 nd year (66)	31	19	24	13									
BBA 3 rd year (66)	40	17	31	14	M. Sc Electronics 2 nd year(30)	18	10	-	-	-	-	-	-
B. Sc Electronics 1 st year (60)	24	01	-	-	MSc Computer Science 1 st year(12)	-	-	-	-	-	-	-	-
B. Sc Electronics 2 nd year (60)	38	04	29	03									
B. Sc Electronics 3 rd year (60)	23	03	14	02									
BCA 1 st year(50)	32	19	-	-									
BCA 2 nd year (52)	29	25	21	20									
BCA 3 rd year(40)	13	06	08	03									
B.Sc Compute Science 1 st Year(50)	07	15	-	-									

6. Library

- Total Number of Books : 15594
- Total Number of journals : 48
- Total Number of Periodicals : 10
- Additions during the period : 204

7. Research Highlights of Faculty/ Scholars

1.	Mr. Varghese K.X – Research Scholar on Educational Loan
2.	Mr. Ratheesh K R – Reasearch Scholar on Ecobased Tourism in Kerala

8. Students Activities/ Achievements –(Extra Curricular)

a. NSS - 2 units with a volunteer strength of 200.

9. Campus Recruitment(is any)

Sl No.	Name of the Firm	No. of students Attended		No. of Students selected	
		M	W	M	W
1.	CHEVORLET	08	12	02	-
2.	SPECTRUM SOLUTIONS	10	12	01	-
3	CANON	02	02	-	02
4	ICICI BANK	04	02	02	-
5.	Eureka – Eurovigil Security	07	-	03	-
6.	MAGNUS	03	-	01	-
7.	TVS AUTOMOBILE Solutions	04	-	02	-
8.	R.R.Dorinelley	-	04	-	01
9.	ACS Infopark	10	08	02	01
10.	EXL	-	01	-	01
11	WIPRO	08	-	02	-
12.	NEW AGE SYS	18	08	01	-
13	Norgate Arinso HR Solutions	20	10	03	-
14.	AVDI	01	-	01	-
15	HDFC Standard Life Insurance	15	05	05	02
16.	Metcon Seels	10	-	02	-
17.	ICICI Prudential	20	08	07	-

JPM COLLEGE OF ARTS AND SCIENCE, KANCHAYAR P O, LABBAKKADA

1. **Name of the College** : JPM College of Arts and Science, Labbakkada
(With e-mail & website) E-mail: cstjpmcollege@gmail.com

Website: www.jpmcollege.com

2. **Name of the Principal** : Prof. Johny Thomas

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	9	16	-	-	25
Non Teaching	3	4	-	-	7

4. Courses Offered with Number of Seats

Under Graduate	No. of Seats		Post Graduate	No. of Seats	
	Men	Women		Men	Women
B.Com	92	80	M.Com	5	22
BCA	40	56	MA	7	12
BTS	35	14			
BA	23	88			
BBA	50	40			

5. Student Intake

Under Graduates	Appeared		Passed	
	M	W	M	W
B.Com	29	30	27	30
BCA	14	13	14	13
BTS	8	7	8	6

6. Library

- a) Total Number of Books : 4422
b) Total Number of Journals : 11
c) Total Number of Periodicals : 78
d) Number of Titles added during the year : 258

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

Name of the Faculty – Ms. Sheela Stephen

Name of the Topic – Stegnography

Title – Stegnographic Techniques in Mobile Banking

8. Students Achievements – Academic (A short Description)

Aswathy Radhakrishnan of this college secured University Top position in University examinations held in 2012 for BTS Programme

9. Students Activities/Achievements – (Extra Curricular)

a. National Service Scheme :

Enrolled students strength is 100. The NSS unit had constructed a house for a poor family. Conducted 7 day camp participated in rural road construction. Programmes implemented for personality development.

b. Arts Festivals :

Arts festival was conducted in two phases: Literary competition and competition on various arts events.

c. Sports

Annual sports and games is scheduled to be held on 22/02/2013. College Football, Volley Ball and Khabadi teams have participated in inter collegiate tournaments.

10. Industry Varsity Linkage (if any, Short description)

College has a tie – up with IPSR Ltd for the purpose of soft skill training and Campus Recruitment, and on the job training.

11. Campus Recruitment (if any)

Sl. No	Name of Firm	No. of Students Attended		No. of Students Selected	
		W	M	W	M
1	IPSR	13	14	2	-
2	Popular Motors Corporation	40	20	7	15

KESARI ARTS AND SCIENCE COLLEGE, NORTH PARAVOOR

1. **Name of the college (With e-mail and website):** Kesari Arts and Science College, N.Paravur.

kesari_college@rediffmail.com

2. Name of the Principal

:P.G.Santhi

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	3	Nil	Nil	7
Non Teaching	2	1	Nil	Nil	3

4. Student Intake

B ComL: Men 31, Women:31 and B Com : Men 12; Women:12

7. Library

(a) Total Number of Books : 5136

(b) Total Number of titles added during the year : 60

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

(a) State Level : Aju John (TIME), K Sunilkumar -Zonal Secretary IOHRP,
S.Rajan (LIC)

KMP COLLEGE OF ENGINEERING

1. Name of the College (With e-mail and website) : K.M.P College of Engineering

info@kmpce.org, www.kmpce.org

2. Name of the Principal

: Dr. S R Deepa

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	15	25	1		40
Non teaching	7	9	Nil		16

4. Courses Offered with Number of Seats

Under Graduate	Number of Seats	
	Men	Women
B.Tech CE	60	

B.Tech CSE	60	
B.Tech ECE	60	
B.Tech EEE	60	
B.Tech ME	60	

5. Students Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
B.Tech CE	10	4	-	-
B.Tech CSE	10	2	1	-
B.Tech ECE	2	3	-	-
B.Tech EEE	10	-	2	-
B.Tech ME	39	-	2	-

6. Library

(a) Total Number of Books	:	3163
(b) Total Number of Journals	:	52
(c) Total Number of Periodicals	:	5
(d) Number of Titles added during the year	:	46

7. Publications by the Faculty with Impact factor of the Publications (A Short Description):

1. Dr. S R Deepa

Books published:

- i. Applied Electro Magnetic Theory, PHI publications
- ii. Solid State Devices, PHI publications
- iii. Basic Communication and Information Theory by I.K. International Publishing House

- iv. Basic Electronics and Information Theory by I.K. International Publishing House
 - v. Microwave and Radar by I.K. International Publishing House
 - vi. Radiation and propagation by Sanguine Technical Publishers
 - vii. Electronic Information by I.K. International Publishing House
 - viii. Electronics Lab manual by I.K. International Publishing House
 - ix. Network Analysis and Synthesis by EL Xavier publications
2. Anu Varghese (EEE Dept.)
- i. Presented a paper entitled “Back EMF Based Sensorless Control of PMSM” on National Conference on Technological Trends Aug 2012.
3. Deepthi S Nair (EEE Dept.)
- i. Presented a paper entitled “Analysis of Direct Torque Control Strategy for PMSM Drive” on International Conference on Emerging Trends in Engineering May 2012.
 - ii. Published a paper on IEEE workshop journal April 2012 entitled “Direct Torque Control Strategy for PMSM Drive with Duty Ratio Control Strategy”
4. Savitha T Sudhakaran(CE Dept.)
- i. Presented a paper entitled “Study on the Effect of Using Fibres on hot Bituminous Mix” on National Conference on Technological Trends Aug 2012.
 - ii. Presented a paper entitled “Study on the Effect of Using Phosphogypsum and Lime on hot Bituminous Mix” on International Journal 2012
5. Swathy T V (EEE Dept.)
- i. Presented a paper entitled “High Performance Vector Control of PMSM with Dead Time Compensation” on PEDES 2012 at Bangalore.

KOTTAYAM INSTITUTE OF TECHNOLOGY & SCIENCE

1.Name of the College (With e-mail and website): Kottayam institute of technology and science

Anicadu, Pallickathodu, Chengalam P.O, Kottayam

E-mail-drpsuyambu@gmail.com

Web site-www.@kitsgroup.com

2.Name of the Principal

:Dr. V Gopi

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	38	18	----	-----	56

Non Teaching	2	8	----	-----	10
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4. Courses Offered with Number of seats

Under Graduate	Number of Seats	
	Men	Women
B.Tech 2011-'12	109	33
2012-'13 (Lateral Entry)	15	1
2012-'13	149	48

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
2011-'12	109	33	6	1

6. Library

- (a) Total Number of Books : 5841
- (b) Total Number of Journals : 45
- (c) Total Number of Periodicals : 6

(d) Numer of titles added during the year : 260

7. Grants Received From

(a) State Government : E-Grantz-Rs.10,78, 910

8. List of Research Guides in your College (With e-mail and website)

1. Dr.E.J Mathew (mathewettolil@rediffmail.com)

2.Dr.George C Chennattucherry (georgechennattucherry@gmail.com)

LABOUR INDIA COLLEGE OF TEACHER EDUCATION, MARANGATTUPILLY

1. **Name of the college (with e-mail and website) :** Labour India College of Teacher Education Marangattupilly, e-mail : labourindiab.edcollege@gmail.com

website :www.teacherscollege.in

2. **Name of the Principal :** Alice Mathew

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Nil	5	Nil	Nil	5
Non – Teaching	2	3	Nil	Nil	5

4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
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	W	M	W		M	W	M	W
B. Ed	2	19	2	19	M .Ed	2	3	2	3

6. Details of Tests cleared by Students

Sl. No	National Level	State Level	
1	One of our B.Ed student	SET, KTET	

7. Library

- (a) Total Number of Books : 2118
- (b) Total Number of Journals : 21
- (c) Total Number of Periodicals : 05
- (d) Number of titles added during the year : 15

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

- (a) College Level workshops, seminars and training programmers on different topics were conducted
- workshop on Lesson plan writing for teachers was conducted on 14th March 2012 .
 - A personality development programme was organized and conducted on 15th May 2012. Resource Person- Dr. V. Binumon (Trainer)
 - A seminar on Human Rights Awareness was conducted on 7th July 2012 .

Resource Person: Advocate Hari Kumar

8. Students Achievements - Academic

Out of 5 M.Ed students appeared for final exam, one secured A Grade , Two B+ and Two B Grades

Out of 21 B.Ed students one secured A+ grade ,Ten A Grade ,Nine B+ Grade and one B Grades

9. Students Activities/Achievements – (Extra Curricular)

(a) Art Festival - Arts day was celebrated on 10th February 2012 with multicoloured programme

(b) Sports - Our Sports day was celebrated on 24th February 2012 in which most of the students participated actively

(c) All important days such as Independence day ,Republic Day, Onam , Christmas and other festival days were celebrated with due importance.

LOURDES COLLEGE OF SIDHI SADAN

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. Lilly Joseph

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe
Teaching	2	30	-	-
Non Teaching	5	9	-	-

4. Courses offered with Number of seats

Under Graduate	Number of Seats	
	Men	Women

B.Sc Nursing	50
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5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
I Year B.Sc Nsg				
II Year B.Sc Nsg	2	48	1	19
III Year B.Sc Nsg	3	35	3	22
IV Year B.Sc Nsg	4	35	4	35

6. 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

7. List of Research Guides in your College (With e-mail and website)

1. Sr. Lilly Joseph - Recognized by KUHS.
E-mail : lillyjosephm@gmail.com
2. Ms. Sajila David - Recognized by KUHS.
E-mail : sajila26jan@gmail.com
3. Josy A Mathew - Recognized by KUHS.
E-mail : josyplaito@gmail.com

4. Leena Abraham - Recognized by KUHS

leenaceen@yahoo.co.in.

5. Simple Rajagopal – Recognized by KUHS

Simple_rajagopal@hotmail.com

MAR ATHANASIUS COLLEGE, KOTHAMANGALAM

1. **Name of the College** : Mar Athanasius College, Kothamangalam

E-mail : mac@macollege.in

Website : www.macollege.in

2. **Name of the Principal** : Dr. Leena George

3. **Staff Profile**

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	25	59	Nil	Nil	80
Non Teaching	33	10	Nil	1	43

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.Com (Model I)	65	78	Mathematics	4	25	-	-	-	Physics	1	2
B.Com (SF)	66	50	Physics	8	20	-	-	-	Chemistry	1	1

English	39	82	Chemistry	1	21	-	-	-	Economics	3	4
Sociology	56	65	Economics	5	19	-	-	-	English		
History	68	56	English	7	20	-	-	-	-	-	-
Economics	65	54	M.Com	12	16	-	-	-	-	-	-
Hindi	26	54	Microbiology	2	36	-	-	-	-	-	-
Mathematics	16	57	Biotechnology	2	32	-	-	-	-	-	-
Statistics	35	51	Biochemistry	2	19	-	-	-	-	-	-
Physics	31	39	Actuarial Science	-	4						
Chemistry	21	80	Zoology	1	11						
Botany	18	81									
Zoology	23	79									

5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
	148	259	114	230		20	127	6	104

6. Details of Tests cleared by Students (if any)

Sl. No	National Level	Department
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1	NET – Vineetha K. B.	Economics
2	NET – Dannie Joy	Economics
3	NET- Ebin Mani	Commerce
4	NET–Sharanya Prathapan	Commerce
5	NET – Neethu P N	Commerce
6	NET – Ajitha A R	Chemistry

7. Library

- a. Total Number of Books : 62017 Books
- b. Total Number of Journals : 45 nos
- c. Total Number of Periodicals : 53 nos
- d. Additions during the period : 836 Books

8. Grants Received From

- a. University Grant Commission : Rs. 8968850.00/-

9. Projects Undertaken

Major & Minor Research Project

Department of Hindi

1. Mortality, Human Rights and Changing Concepts of Values in the Novels of Post Independence Female Writing by Dr. Mini Varghese
2. An Analytical Study of Social Aspects in the Novels of Krishna Sobti by Dr. Sibi M. M.

Department of English

1. Ms. Aswathy Balachandran : Echoing the Ecological Concerns in Vedas; A study of A K Ramanujan's Poetry
2. Ms. Alphonsa C A : Gender Wand : Sexist construct in the Harry Potter Series
3. Ms. Minnu James : Visual Verbal Space ; A study of advertisements in Indian lifestyle magazines
4. Dr. Anjaly Abraham : Constructing Power Discourses; A study of Black Feminist Sisterhood in Fiction

5. Ms. Jessy Varghese : Decoding Gender & Language in the Poetic Discourse ; An analysis of Tera Patel's 'Single Women'

Department of Economics

1. Dr. Manjula K. - "Impact of Land Acquisition for Development in Kerala on the Lives and Livelihoods of Displaced Land Owners"
2. Ms. Sheeba Abraham – Impact of paddy land conversion in Kerala – A case study"

Department of Chemistry

1. Dr. Annu Anna Varghese – "Preparation, Characterization and Catalytic Applications of Supported Transition Metal Complexes"

Department of Zoology

1. Dr. Aji C Panicker: Ecological Status of Publically owned water resources of Kothamangalam Thaluk in Ernakulam District (Funded by KSCSTE, Trivandrum)
2. Dr. Aby P. Varghese: Birds are Sensitive Environmental Indicators- A Study on the Wet land Birds of Dr. Salim Ali Bird Sanctuary, Thattekkad, Kerala. Funded by UGC.
3. Dr. Selven S.: Conservation of wetlands- A piolet study on the hydro-biological parameters of Kuroor thode, Kothamangalam, Kerala. Funded by UGC.

Department Commerce

1. Ms. Litha Mary Issac : Role of Microfinance in enhancing risk management capacity nad savings of underprivileged in Kerala.

Department of Physics

1. Dr. Boben Thomas – " Study of grain growth and boundary states in non-noble metal doped SnO₂ gas sensor films"
2. Dr. Benoy M D – "Electrical and optical characterization of copper indium selenide, copper selenide and cadmium sulphide thin films for fabrication of solar cell"
3. Francis Xavier P A – " Synthesis and characterization of metal oxide/polyaniline and metal oxide/polypyrrole hybrid materials for possible gas sensing applications at room temperature"
4. Deepa S – "Microstructural studies in spray deposited magnesium doped SnO₂ thin films for

10. Seminars Conducted

- a. State Level

	Department	Topic	Date
	Career and Counselling Cell	Seminar of Personality Development	13 February, 2012

b. National Level

	Department	Topic	Date
1	Biotechnology	Clinical Applications of Molecular Biology	3 rd and 4 th February 2012
2	Physics	Fundamentals of power diffraction and Micro Structural Characterisation of Materials	6&7 February 2012
3	Economics	Goods and Service Tax- A Threat to the autonomy of States	09 February 2012
4	Zoology	Municipal Solid Waste Management-Issues and Prospects	2 nd and 3 rd March 2012
5	Commerce	Emerging Trends in Business and Finance	14 th and 15 th of March 2012

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

a. National Level

Dr. Mridula S Venugopal presented a paper on “Gerescophobia-An emerging problem” on 4 October, 2012 at St. Teresa’s College, Ernakulam.

12. Publications by the Faculty with Impact factor of the Publications

1. Dr. Manjula K and Sri. T. A. Arunkumar – Land Acquisition Rehabilitation and Resettlement Bill 2011 – A Challenge to ‘Development’
2. Sri. Dennis Joy – The impact of climate change in India – in a context of globalization
3. Dr. Shanty A Avirah : Ajitha A.R., Nivya Mariam Paul, Shanti A Avirah, “Phytochemical analysis and antimicrobial evaluation of leaf extracts of Coleus Amboinicus” presented in a UGC sponsored national seminar on chemical application of molecular biology -held at M.A.College, Kothamangalam, Feb.2012

4. K.B Sherly, Rakesh K “Synthesis of Sulphated nano Crystalline Zirconia by Microemulsion method and Surface Charecterization” Bulletin of Material Science (Communicated)
5. Dr. K.B Sherly , Rakesh K “Synthesis and Catalytic activity of Polysaccheride Templated Nano Sulphated Crystalline Zirconia” International Conference -OMTAT- 2013, to be held at CUSAT on Jan-2013
6. K.B. sherly, Rakesh K “Synthesis of sulphated nanocrystallin e Zirconia in the presence of polysaccharide template” Journal of Material Science (Communicated)
7. K.B Sherly , Smt Marymol Moothedan “Synthesis and Charecterization of Nano Lanthana Alumina Mixed Oxide”, International Conference OMTAT-2013, going to be held at CUSAT on Jan-2013
8. Asha Gangadharan, Elizabeth Jacob, Densely Jose “Phytochemical Analysis of Leucas aspera and its effect on Bovine Testicular Hyaluronidase and Multidrug Resistant Bacteria” presented on U.G.C. sponsored National Seminar on Clinical Application of Molecular Biology held at M.A. College, Kothamangalam, Feb. 2012
9. Tintu Jose, Sruthy, Paul George, Jayamma Francis “ Characterization of genetic identity and bacterial effects of two species of cyanobacteria” presented on a U.G.C. sponsored national seminar on clinical application of molecular biology held at M.A. College, Kothamangalam, Feb. 2012
10. Manju Kurian, Mathew Joy, Deepthi Raj, “Hydrolysis of phenol over rare earth exchanged iron pillared montmorillonites” Journal of Porous Materials, 19, 633- 640, 2012
11. Manju Kurian, Eldhose A, Thasleenabi R.M., “Mild temperature oxidation of phenol over rare earth exchanged Aluminium pillared montmorillonites” International journal of Environmental Research, 6(3):669-676, 2012.
12. Bejoy Thomas, V.G. Ramu, Sanjay Gopinath, Jino George, Manju Kurian, Guillaume Laurent, Glenna L Drisko, Sankaran Sugunan, “Catalytic acetalisation of Carbonyl Compounds over cation(Ce^{3+} , Fe^{3+} & Al^{3+})exchanged montmorillonites and Ce^{3+} exchanged Y zeolite, applied Clay Science, 53, 227-235(2011)
13. Dr. Anjaly Abraham, Department of English : Re-creating a Novel into film: A Study of Spielberge’s “The color people” as a successful film adaptation.
14. Ms. Diana Ann Issac, Department of Commerce ‘A Critique on Corporate Governance Practices in Public Sector in India’ in ‘Society & Society’
15. Ms. Diana Ann Issac, Department of Commerce ‘Equity in Education under Threat – Kerala Experience’

13. Research Highlights of Faculty/Scholars

1. Two faculty members from the Department of Economics are undergoing Ph. D Programme under UGC Sponsored Major Projects.
2. Seven faculty members from the Department of Chemistry Dr. Winny Varghese, Dr. M.M Joseph, Dr. Shanti A Avirah, Dr. K.B. Sherly , Dr.Densely Jose Dr.Jayamma Francis and Dr.Manju Kurian are approved Research Guides. The major areas of our research include Physical & Organic Chemistry, Environmental Chemistry, Rubber Technology, Catalysis, Molecular Modeling & Organic Synthesis, Polymer Technology, Nano catalysis and Coordination Chemistry. In this year there are two ongoing major projects and one minor project funded by UGC. Three UGC assisted minor projects have been successfully completed. One part time and two full time research scholars are doing their research work for their Ph. D degree. Three journal papers and four conference papers were published and five papers have been communicated to reputed journal during the academic year. Dr. Manju Kurian serves as reviewer for International Journal Catalysis Letters, Springer.

14. Academic Achievements

Academic Achievements of Teachers

Ms. Latha S Nair was awarded PhD for her paper titled ‘Application of Fuzzysets in Lattice Theory’.

15. Student Achievements

Academic Achievements

Six of our students won Ranks in the M. G. University Examination 2012

	Name	Class	Rank
1	Sudheesh A. P.	M.Sc. Biotechnology	First Rank
2	Anne Mary Sajan	M.Sc. Biotechnology	Second Rank
3	Deepthy R.	M.Sc. Biotechnology	Second Rank
4	Vidya Pakideery	M.Sc. Biotechnology	Third Rank

5	Sajith R.	M.Sc. Microbiology	First Rank
6	Sreedevi Menon	M.Sc. Microbiology	First Rank
7	Binshad B.	M.Sc. Biochemistry	First Rank
8	Vishnu KV	M.Sc. Biochemistry	Second Rank
9	Shanavas Yoosuf	M Sc Chemistry	First Rank

16. Students Activities/Achievements (Extra Curricular)

- Students participated in various inter collegiate competitions like light music, elocution, quiz etc.
- Bibin Baby III B.Sc. Chemistry, appeared as an Actor in the Movie called ‘Chattakkari
- Our college Arts team participated in a south India based skit competition and bagged a cash award of Rs.15000 as second prize.
- Bonny Kurian of our college bagged First prize in Folk Dance in the M.G University Youth Festival 2012
- College team reached fourth position with A Grade in ‘Thiruvathirakali’ in the M.G University Youth Festival 2012
- Rakhi S Varma and Able Baby of our college also reached Fourth position with A Grade in the events ‘Aksharaslokam’ and Mimicry respectively in the M.G University Youth Festival 2012
- Able Baby got A Grade in Cartooning in the M.G University Youth Festival 2012

a. National Cadet Corps

Sixty two new students enrolled as cadets during the enrollment drive. Regular training started from 15 August 2012 and a total of 10 parades were conducted during the period. The training programme included physical training, drill, weapon training, lecture classes etc.

Ranks were given to the meritorious cadets. Jithin Johny, II B A History was ranked as the Senior Under Officer (SUO). Arun Satheesan, II B A Sociology and Saranya V., II B Sc Botany are ranked as Under Officers (UO).

29 cadets participated in the ATC camp Annual Training Camp (ATC) at St Peter's College, Kolenchery from 24 August to 3 September 2012 under the auspices of 18 (K) BN NCC, Muvattupuzha.

Camp Participation of Associate NCC Officer (ANO)

1. Lt (Dr) Aby P. Varghese attended the National Integration Camp (ATC) as the Camp Adjutant held at Nirmala College, Muvattupuzha from 24 December 2011 to 2 January 2012 under the auspices of 18 (K) BN NCC, Muvattupuzha.
2. Lt (Dr) Aby P. Varghese attended the Annual Training Camp (ATC) at St Peter's College, Kolenchery from 24 August to 3 September 2012 under the auspices of 18 (K) BN NCC, Muvattupuzha.

b. National Service Scheme

1. Road Safety awareness class (6 January 2012)

Road accidents are now increasing in our nation, especially in Kerala. It is well known that more than 80% of the road accidents are due to human errors. Usually the youngsters are more prone to accidents due to their reckless and rash and impatient driving. Therefore a road safety awareness class was conducted at Mar Athanasius College to make aware the youngsters the importance of precautions to be taken to avoid road accidents. The awareness seminar was inaugurated by Dr. Leena George, Principal, M.A. College. Sri. Manoj K, Sri. Prasad V. Mathew and Sri. K.G. Dilip Kumar, Motor Vehicle Inspectors, Kothamangalam have led the road safety awareness classes for the volunteers.

2. Blood donation camp and youth day celebrations (20 January , 2012)

The third Blood Donation camp was organized in the college on 20 January 2012 along with IMA Regional Blood Transfusion centre, Aluva. Staff and the students actively participated in blood donation and more than 50 units of blood were donated. The altruistic spirit and enthusiasm shown by these students of Mar Athanasius college reflects the attitude of whole generation. Dr. Sulaikha Mohammed Marikkar, IMA led the camp. Regular blood donation also helps to promote safe and healthy life style among the youth.

3. Republic Day Celebration(26, January 2012)

4. Road safety inter school drawing Competition-"Nerkazhcha"(17 February 2012)

In order to inculcate a safe road culture in school students, an interschool drawing competition " Nerkazhcha" was conducted on 17 February 2012 in collaboration with Kerala Motor Vehicle department. Drawing and quiz competitions were conducted separately for lower, upper and higher levels of students and attractive prizes and certificates were awarded to the winners. About 100 students have participated from various schools in and around Kothamangalam municipality. Participation certificates were given to all students who have

actively participated and sketched their wonderful imaginations on to the chart papers. The chief guest for the valedictory function was Col. V.P. Paul, Group Commander, NCC, Kottayam

5. Eye Donation and awareness Camp (10 February 2012)

An Eye donation camp was conducted at Mar Athanasius College for the first time on 10th February 2012 by the NSS unit in collaboration with the Little Flower Eye Hospital, Angamali. Dr. K. M. Seema, Ophthalmologist led the camp. The programme was formally inaugurated by Dr. Prakash K., NSS Programme Coordinator, M.G. university, Kottayam. Eye donation awareness classes were organized in connection with the camp. The consent letters of volunteers for eye donation was handed over to Dr. Seema by Prof. Shiny John NSS Programme officer, M.A. College. The programme was presided by Dr. Leena George, Principal, M.A. College.

6. Personality development class (13 February 2012)

A personality development class was conducted for NSS volunteers in association with Placement Cell of the College on 13 February 2012. Many volunteers have benefited from the class. The class included soft skill development and leadership quality development. Sri. Chethana Ramachandran, Clariyon Management Services, Kochi has led the session.

7. Contribution of Rs. 3000 by NSS volunteers to INDIAN ASSOCIATION FOR THE BLIND, Madurai (20 February 2012)

People with eyes won't understand the importance of eyes! The NSS volunteers are always ready to help the differently abled group of people. The volunteers collected an amount of Rupees Three thousand from among themselves and sent to the Indian Association for the blind, at Madurai showing their humble help for the needy.

8. Medical Camp at the tribal settlement Kunchippara (25 February 2012)

A mega medical camp was conducted at Kunchippara, a tribal settlement near Kuttampuzha in Kothamangalam taluk. The camp was really a needy event for the tribal people where no other medical facilities are present. The Kunchippara tribal settlement is very remote area without any public transport system. People of the region have to travel by walking kilometers through thick forest for availing any medical facility. The camp was organized in association with the Primary Health Centre, Kuttampuzha and Pain and Palliative Care Society, Kuttampuzha. The Medical officers and staff of PHC, Kuttampuzha led the camp. Around 70 people availed the medical facility and medicines for about Rs. 10000/- was

distributed in the camp. The volunteers interacted with tribal people and understood their problems and consoled them.

9. Tuition classes for the students of orphanage(10, 11 March 2012)

The NSS volunteers are interested to take tuition classes for the educationally deprived groups. They have conducted tuition classes in nearby orphanages and old age homes.

10. Energy conservation survey (12 March 2012)

Energy conservation demands special attention in this period of energy shortage, crisis and load shedding. The NSS volunteers have prepared energy conservation notice and distributed among the students, nearby houses and shops and establishments to reduce the use of electricity for the brighter tomorrow. The notice involves tips to reduce electric current adopting energy conserving methods.

11. Pusthakathottil Programme (14 March 2012)

The youngsters especially school going students need to read child publications apart from the curriculum text books for widening their imagination and knowledge. Therefore the NSS unit has decided to collect child publications to distribute in the nearby orphanages of Kothamangalam. The programme was named Pusthakathottil and formerly inaugurated by Dr. K. Praksh, NSS Programme Coordinator, M.G. University, Kottayam by distributing the books to the warden of Yeldo Mar Baselios Orphanage, Kothamangalam. The volunteers have collected around 1000 books from the editors of Malayala Manorama, Mathrubhoomi and Mangalam and they have also collected books from the students, their own homes.

12. Wheel Chair distribution to Patheeksha Rehabilitation Centre(14 March 2012)

The volunteers of our NSS Unit are always ready to help the differently abled community. They have initiated to arrange a foldable Wheel Chair for the inmates of Patheeksha Rehabilitation centre, Nellimattom. The wheel chair was received by the authorities of the Rehabilitation Centre from by Dr. K. Prakash, NSS Programme Coordinator, M.G. University, Kottayam

13. Distribution of medicines for primary health centre, Pallarimangalam(14 March 2012)

Now a days medicines are the most precious commodity and literally a common lay man cannot afford the cost of daily medicines. In this context the NSS volunteers of our college have arranged medicine distribution programme. Medicines of about rupees 7500/- were collected and distributed to the Primary health centre, Pallarimangalam. The medicines were received by the pharmacist Smt. Deepthi from Dr. Leena George, Principal, Mar Athanasius college, Kothamangalam.

14. Distribution of Wheelchair to old age home (17 March 2012)

The NSS volunteers have contributed generously to collect an amount of rupees 4000/- to purchase a wheel chair for the differently abled inmates of an old age home, Snehalayam at Malainkeezhu, Kothamagalam.

15. Paper bag making by NSS volunteers (19 March 2012)

Plastic become an unavoidable material which lead to environmental disturbances. The use of plastic carry bags are to be reduced for a healthy environment. In this view, the NSS volunteers have prepared paper bags and made the other students aware of the importance of practicing the use of paper bags for their daily use.

16. Setting up of vermicompost unit (A continuing programme) (20 march 2012)

Vermicompost is an effective method for converting the domestic and kitchen waste to useful organic manure. This manure vcan be utilized frioor manring kitchen vegetable garden. The NSS unit has set an vermiculture Unit in ladies hostel and the manure obtained from the vermin technology is used for the fertilizing the vegetable garden near the ladies hostel. The voluteersw enthusiastically involle in the maintenance of vermin unit.

17. Water conservation (Rain water harvesting, a continuing programme) (22 March 2012)

Rain water harvesting is scientific way water conservation. The college has a rain water harvesting system which is maintained by the NSS volunteers. The water from the system is used as an additional reservoir of water for the use of students.

18. Blood Donation camp (20th June 2012)

Blood donation is a sacred event a human can perform. Regular blood donation also helps to promote safe and healthy life style among the youth. The NSS volunteers are always ready to donate their blood for the needy. They consider it as a life saving commitment towards the society. A blood donation camp in association with the Regional Blood Transfusion centre of IMA, at Aluva Government Hospital was held at Mar Athanasius college on 20th June 2012. Dr. Leena George, Principal, Mar Athanasius College has inaugurated the camp. Dr. Sulaikha Muhammed Maraikkar, Medical officer, IMA, Dr. Selven S, and Dr. Radhamaoni Amma P.L. NSS Programme Officers lead the camp and more than thirty units of blood were collected during the camp.

19. Positive talk (20-06-2012)

A 'positive talk' was arranged in the seminar hall of Mar Athanasius College, Kothamangalam. Mr. Johnson P.I. an HIV positive person has shared his experience in the society as HIV positive. The programme was helped to reduce the stigma among the students.

20. Award ceremony (25-07-2012)

The NSS unit No. 24 of Mar Athanasius College was awarded one of the best units under Mahatma Gandhi University and Prof. Shiny John NSS Programme Officer was awarded the one of the best programme officers of NSS under Mahatma Gandhi University. The Honorable Vice Chancellor Dr. Rajan Gurkal has handed over the awards in a function held at Basaliose College, Kottayam.

21. Independence Day celebration (15-08-2012)

Independence Day was celebrated in a befitting manner. The volunteers actively participated in the Independence Day rally organized by Kothamangalam Municipality.

22. Blood Donation camp (10th September 2012)

A second blood donation camp in association with the Regional Blood Transfusion centre of IMA, at Aluva Government Hospital was held at Mar Athanasius college on 10th September 2012. Dr. Gracy Varghese, Principal-in-Charge, Mar Athanasius College has inaugurated the camp. Dr. Sulaikha Muhammed Maraikkar, Medical officer, IMA, Dr. Selven S, and Dr. Radhamaoni Amma P.L. NSS Programme Officers lead the camp and more than thirty units of blood were collected during the camp.

23. Inauguration of NSS activities and Orientation programme for volunteers

The formal inauguration of NSS activities was conducted on 19 September 2012. Prof. K.M. Kuriakose, Principal, Y.M.C.A. College, Aluva, has inaugurated the function. Prof. Gracy Varghese presided over the function. Prof. K.M. Kuriakose has given an orientation for the newly enrolled volunteers. The students had a healthy interaction.

24. NSS day celebration- Inauguration and ornament making training for volunteers

NSS day was celebrated on 24th September 2012. Smt. Saramma Mathews, Former Regional Director, central Board of Workers Education, has inaugurated the meeting. After the inaugural session, Smt. Saramma Mathews has given hands on training in ornament making.

25. Organ Donation declaration form submission (08-10-2012)

In connection with the organ donation campaign lead by Fr. Chiramel, founder chairman, Kidney donors association of India, the NSS and RRC and other organizations of Mar Athanasius College have organized a reception and arranged to submit 10000 Organ Donation Declaration Form collected from students, parents, staff and relatives. The function

was presided over by Dr. Winny Varghese, Secretary M.A. College Association. The programme was supported by other sister institutes of MA college, Kothamangalam Municipality, Ysman's club, Rotary club and local peoples.

26. Clean hone clean city- Students awareness programme (16-10-2012)

A student awareness programme was organized for school and college students. The programme was formally inaugurated by Dr. Winny Varghese, Secretary, M.A. College, Association and Dr. Cyril John Elengical, President, Lions club of Kothamangalam Oasis, Dubai was the chief resource person for the programme. The inaugural meeting was presided over by Smt. Gracy Varghese, Principal – in-Charge, M.A. College. Selected students and staff of about 10 schools have participated in the programme.

c. Arts Club

Activities carried out during the year 2012

The Arts club of M.A College is actively taking initiative in conducting various cultural programmes among the students. There will be competitions among the students and Departments. The teacher in charge of Arts club is Prof.Shiny John. Students are also sent to various colleges in order to participate in inter collegiate and inter University competitions.

Diana Mathews, Assistant Professor, Department of Sociology participated in the 'workshop for Young Lecturers of Christian Colleges in India Towards Developing Foundational Leadership among Young College Teachers' at Chaithanya Pastoral Centre, Kottayam on 27 and 28 July 2012.

On October 2012, in the process of collecting the names and address and area of interest of resource persons available in each institution to use their talents and expertise for the benefit of the member institution, staff, students and non-teaching staff, Dr. Mathew George, Director of MBA Department had applied and selected as resource person.

Women's Cell

Women's Cell of Mar Athanasius College, Kothamangalam is an voluntary organization aimed to empower the girl students. Headed by the Principal, M.A.College, the Cell does yeoman work among the girl students to instill the spirit of self awareness and to build a healthy attitude towards the society. Dr.Shanti.A.Avirah, Ms.Shari Sadhasivan, Ms.Princy Jacob, Ms.Litha Mary Issac, Ms.Anu George, Ms.Sheeba Stephen and Ms.Maria Dani are the co-ordinators of the cell.

The following are the activities of the Cell in this academic year

1. Inauguration and Seminar on 'Challenges of Youth'

The activities of the Women's Cell of this year was inaugurated by Smt. Leela Menon, veteran journalist on 17 January 2012 at 11.a.m. by lightening the lamp of auspicion. Dr. Leena George, Principal of the College, presided the inaugural meeting. Dr. Shanti.A. Avirah and Smt. Anu George spoke on the occasion.

Soon after the inauguration, Mrs. Menon led a seminar of Challenges of youth. Her keynote address focused on the magnitude of women's powerlessness and subordination in the contemporary social world. She also highlighted the need for making them aware of their rights that can make them feel better or more powerful. It was a rare experience to the audience. The news about the programme was published in important newspapers of Kerala.

Social Service League

The Social service League of MA College started its activities for the year 2011-2012 with the inauguration of the club on August 19th 2011.

The inaugural address was made by Mrs. Saramma Mathew ,Rtd. Regional Director of Workers Education under the government of India on the topic "How to say no when you want to say no". Madam gave a counseling class for the students. The Principal Dr. Winny Varghese presided over the meeting.

The next important activity of the Social service League was to extend a helping hand for one of the first year students named Amal K. Mohan of Economics Department, who met with an accident. The Students collected a sum of Rs. 36,505 from the college students and staff with the permission from the principal. The amount was handed over to Amal at Little Flower Hospital on 15-2-2012 by the Principal Dr. Leena George. The members of the club who took initiatives did this faithfully. The sociology Department Senior students gave commendable leadership to this event.

The members of Social Service League are thankful to the Principal and the management for all the guidance and support extended in time.

Grievance Redressal Cell

The Grievance Redressal Cell of Mar Athanasius College for the year 2012 started to function in the July 2012. The Cell made arrangements to receive the complaints directly and through a complaint box. Ten letters containing carious complaints about the facilities provided by the college,

the hostel and the canteen were received. All these complaints got the immediate attention of the Principal and most of them were solved to some extent.

Red Ribbon Club

1. Awareness Seminar On Organ Retrieval & Transplantation

An awareness seminar on organ retrieval and transplantation was conducted at the seminar hall of Mar Athanasius College, Kothamangalam on 22 August 2012. The seminar was formally inaugurated by Dr. Vasantha Shenayi, Director of SORT, Cochin. Smt. Gracy Varghese, Principal In-Charge presided over the inaugural meeting. Dr. Vasantha Shenayi delivered an interesting and thought provoking lecture on the various aspects of organ retrieval and transplantation procedures and presented a documentary developed by Amritha Hospital, Cochin and was very informative. Students have actively participated and interacted with the resource person.

2. Blood Donation camp (10th September 2012)

A blood donation camp in association with the Regional Blood Transfusion centre of IMA, at Aluva Government Hospital was held at Mar Athanasius college on 10th September 2012. Dr. Gracy Varghese, Principal- in - Charge, Mar Athanasius College has inaugurated the camp. Dr. Sulaikha Muhammed Maraikkar, Medical officer, IMA, Dr. Aji C.Panicker and NSS Programme Officers lead the camp and more than 70 units of blood were collected during the camp.

3. Identification of Blood group and formation of Blood group Directory

The blood groups of newly admitted students were identified and a directory was prepared. Blood group was identified for about 500 students during the academic year.

4. Submission of 10000 Organ Donation Declaration Form

In connection with the organ donation campaign lead by Fr. Chiramel, founder chairman, Kidney donors association of India, the RRC and other organizations of Mar Athanasius College have organized a reception and arranged to submit 10000 Organ Donation Declaration Form collected from students, parents, staff and relatives. The function was presided over by Dr. Winny Varghese, Secretary M.A. College Association. The programme was supported by other sister institutes of MA college, Kothamangalam Municipality, Ysman's club, Rotary club and local peoples.

17. Achievements in Sports and Games

Athletics : National Level

The following athletes represented Kerala State for the Senior National Meet held at Hyderabad, June 22-26, 2012

1. Anoop John – Silver Medal in 4x100m Relay
2. George John – Gold Medal in 4x400m Relay
3. Jithu Baby – Gold Medal in 4x400m Relay
4. Sheena N V – Forth position in Javelin Through

The following athletes represented Kerala State for the South Zone Junior National Athletic Meet held at Kochi on 20-22 August 2012

1. Seena N V – Gold Medal – Triple Jump
Silver Medal – Jvelin Throw
2. Shilpa Chacko – Silver – Triple Jump
3. Anild Thomas – Gold Medal – 400m
4. Arunima P N – Gold Medal – 4x400m Ralay
5. Bhagyalakshmi K B – Silver – Hammer Throw
6. Alfin V P – Gold Medal (New Meet Record) – Shot put
7. Emmanuel Sebastian – Represented

Students Represented Kerala State for the Inter Zone Junior National Athletic Meet held at Pune

1. Bagyalakshmi K B – Forth Position – Hammer Throw

Students Represented Kerala State for the Junior National Athletic Meet held at Patna

1. Sheena N V – Gold Medal – Triple Jump
Silver Medal – Javelin Throw
2. Shilpa Chacko – Silver Medal – Triple Jump
3. Mariam Joe Sebastian – Silver Medal – High Jump
4. Anild Thomas – Gold Medal (New Meet Record)– 4x400 Relay
5. Arunima P M – Gold Medal (New Meet Record)– 4x400 Relay
6. Jithin Thomas – Forth Position – Triple Jump

Athletic Achievements – State Level

Athletes participated in the Kerala State Inter Club Athletic Meet, 20-22 July, 2012

1. Sheena N V – Gold Medal (New meet record) – Javelin throw
Gold Medal – Triple Jump
2. Alfin V P – Gold Medal – (New Meet Reord) Short put
3. Anilda Thomas – Gold Medal – 4x400m
4. Arunima P M – Bronze Medal –400m
5. Silpa Chacko – Silver Medal – Triple Jump
6. Bhagyalakshmi K B – Gold Medal – Hammer Throw
7. Emmanuel Sebastian – Gold Medal – 10 Km Race Walk
8. Abin Josy – Bronze Medal – High Jump

List of Athletes Won Medal in the Kerala State Senior Athletic Meet – Kochi – 26-27 May, 2012

1. Jithu Baby - Gold Medal - 400m
2. George John - Gold Medal - 800m
3. Binu Jose - Silver Medal - 400m Hurdles
4. Jithu Johny - Bronze Medal - High jump
5. Alfin V P - Gold Medal - Short put
6. Shilpa Chacko - Bronze Medal - Triple Jump
7. Neena Elizabeth Baby - Silver Medal - Hammer throw
Silver Medal - Short put
8. Sheena N V - Gold Medal - Javelin Throw

List of Athletes won medals in the Junior State Athletic Meet – Kochi 12-14 October, 2012

1. Jithin Thomas - Gold Medal - Triple Jump

- | | | | | | |
|----|---------------------|---|--------------|---|---------------|
| 2. | Bhagyalakshmi K B | - | Gold Medal | - | Hammer Throw |
| 3. | Shilpa Chacko | - | Gold Medal | - | Triple Jump |
| 4. | Sheena N V | - | Gold Medal | - | Javelin throw |
| | | | Silver Medal | - | Triple Jump |
| 5. | Abin Josy | - | Gold Medal | - | High Jump |
| 6. | Muhammed Aslam | - | Silver Medal | - | Hammer Throw |
| 7. | Merin Joe Sebastian | - | Silver Medal | - | High Jump |
| 8. | Emmanuel Sebastian | - | Silver Medal | - | 10 Km Race |
| 9. | Anilda Thomas | - | Bronze Medal | - | 400m |

Representations

Cross Country

1) Vineesh A G and 2) Jithin Baby were selected to the M. G. University Cross Country Team for the All India Inter University Championship.

Football

1) Sarath P S, 2) Syamkumar R K, 3) Muhammed Rasheed, 4) Usman Shabeer, 5) Girish A Y, 6) Eldhose George were selected to the M. G. University Football Team for the All India Inter University Football Championship.

Chess

Vishnuprasad Selected to the M. G. University Chess Team for the All India Inter University Chess Championship

Basketball

1) Arun K Thomas and 2) Nithin Rajan were selected to the M. G. University Basketball Team for the All India Inter University Championship.

The following students of this college were selected to the Kerala State for the Junior and Senior National Championships held in the year 2012.

1. Sheena N V
2. Jithan Baby

3. George John
4. Anuroop John
5. Silpa Chacko
6. Anilda Thomas
7. Arunima P M
8. Bhagyalakshmi K B
9. Emmanuel Sebastian
10. Alfin V P
11. Vineesh A G
12. Jithin Thomas
13. Abin Joy
14. Merin Joe Sebastian
15. Neena Elizabeth Baby
16. Binish K SHaji
17. Binn Jose

Team Championships

1. Football team won the M G University Inter Collegiate Football Championship.
2. Volleyball team won the M G University Volleyball Championship
3. Cross Country Cross country (Men) team become the Runners Up in the M G University Cross Country Championship
4. Basketball tem become third in the M G University Intercollegiate Basketball Championship
5. Athletic tem become winners in the Men Section of the Ernakulam District Athletic Championship and winners in the Junior Men section of the Ernakulam District Athletic Championship and also got Overall Runners Up in the Ernakulam District Athletic Championship.

18. Industry Varsity Linkage (if any)

Arjuna Natural Extracts Limited, Edayar

19. Academic Tie-Ups (if any)

Sophisticated Test and Instrumentation Centre (STIC)-CUSAT

Sophisticated Analytical Instrument Facility, IIT Bombay

20. Student Progression (Brief about the past students)

- Former research student, Dr. Benny Antony (Director of Arjuna Natural Extracts Limited) won ‘Innovator of Spice Products’ Award for his work on enhancing bioavailability of curcumin, the yellow coloring pigment of turmeric

Career and counselling cell coordinates the placement activities of the College from day one and also acts as a liaison between the hiring organisation and the students, to enable both to match each other’s requirements. The committee takes care of the correspondence with the prospective employers, arranges pre-placement talks, campus interviews and provides other facilities that may be required by the visiting organisations.

Various firms which took part for the placement in the academic year 2011-2012 were Eureka Forbes, Akay Flavours, Maharajas Trading Co., Kerala E-Students Systems Sales and Services (KESS), Reliance Fresh and Asset homes.

21. 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	Smt. Marymol Moothedan	“Synthesis, charecterisation and catalytic application of nano lanthana and its mixed oxides”	Dr. K.B. Sherly
2	Eldhose A.M.	An Economic Analysis of Health Care Burden and Health Insurance of Unorganized Workers in Kerala	Dr. Sheela Varghese
3	Mahin K. Aliyar	Impact of Economic Reforms on Education – A Study of Kerala	Dr. Sheela Varghese
4	Jayalakshmi K	An Economic Analysis of the Cost and Quality of Higher Education – A Study of Professional Colleges in Kerala	Dr. Leena George
5	Sumitha Franklin	Industrial Clustering – A Case Study of Brick Industries in Ernakulam District	Dr. Leena George
6	Liji George	Socio Economic Implications of Health Tourism in Kerala	Dr. Leena George

7	Jisha K.K.	Agricultural Economics Cooperative Credit in Palakkad District: Comparison of Irrigated Paddy cultivation and Cultivation in Drought Prone Area.	Dr. Leena George
8	Suresh Babu P.A.	Public works programme and Rural Development in Kerala with Special Focus on National Rural Employment Guarantee Act.	Dr. Manjula K.
9	Shima Mathew	Time shape: Italo Calvino's "If on a Winter's night a traveler" and David Lodge's "small world".	Dr. D. Radhakrishnan Nair
10	Amitha P. Mani	Comparative narrativity in Daniel Defoe's Robinson Crusoe and J.M. Coetzee's Foe.	Dr. D. Radhakrishnan Nair
11	Rosa Jiju Joseph C.	Constructing the Female subject – Women in the works of post independence Indian English Women Poets	Dr. Nithyanantha Bhatt
13	Rakesh K.	Nano Crystallized Suphated Zirconia; Surface features and Catalytic activity	Dr. K.B. Sherly
14	Deepa S	Gas sensing properties of Nonnoble Metal Doped SnO ₂ Thin Film	Dr. Boben Thomas

22. List of Research Guides in your College (with e-mail and website)

1. Dr. M.M. Joseph Department of Chemistry
2. Dr. Shanty A. Avirah (baluvarghese123@gmail.com) ”
3. Dr. K.B. Sherly (sherlykb@gmail.com) ”
4. Dr. Densely Jose (densely95@gmail.com) ”
5. Dr. Jayamma Francis (jayamma1965@gmail.com) ”
6. Dr. Manju Kurian (manjukurian@gmail.com) ”
7. Dr. Sheela Varghese (appusheela1674@yahoo.co.in) Department of Economics

8. Dr. Leena George (leenageorge59@gmail.com) ”
9. Dr. Manjula K. (manjulaknair@gmail.com) ”
10. Dr. M.S. Vijayakumari ”
10. Dr. Jose George (www.josegeorge.org) Department of English
11. Dr. Boben Thomas (dr.boben1@gmail.com) Department of Physics
12. Dr. Mary Issac ”

Dr. Raju Abraham Associate Professor, Department of History is the research guide of M.G. University Research Center at St. Thomas College, Pala. (rajualumkal@yahoo.co.in)

MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES, TIRUVALLA

- Name of the College (With e-mail and website):** Mar Athanasios College for Advanced Studies Tiruvalla; www.macfast.org, principal@macfast.org
- Name of the Principal:** Rev. Fr. Pradeep Vazhatharamalayil
- Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	29	17	0	0	46
Non-Teaching	18	12	0	0	30

4. Courses Offered with Number of Seats

Post-Graduate	Number of Seats	
	Men	Women
MBA	120 per batch per year (including men and women)	
MCA	60 per batch per year (including men and women)	
M.Sc. Food Science &	30 per batch per year (including	

Technology	men and women)	
M.Sc Plant Biotechnology	20 per batch per year (including men and women)	
M.Sc Bioinformatics	20 per batch per year (including men and women)	
M.Sc Biochemistry	20 per batch per year (including men and women)	
M.Sc Phytomedical Science & Technology	20 per batch per year (including men and women)	
M.Sc Biotechnology	12 per batch per year (including men and women)	

5. Student Intake

Intake, those appeared in the Examination and Passed M-Men, W-Women				
Post-Graduate	Appeared		Passed	
	M	W	M	W
MBA	49	61	35	52
MCA	58	89	20	71
MSc.	12	28	12	28

6. Library

- (a) Total Number of Books - 19130
- (b) Total Number of Journals - 152
- (c) Total Number of Periodicals - 19
- (d) Number of Titles added during the year - 1227

7. Grants Received From

- (a) State Government – Rs 55,000/-
- (b) Central Government – 34.3 lakhs

8. Projects Undertaken:

Resident Dean & Director of Research: Dr. C.Balagopalan

_Title of Project : Integrated Technology for the Development of

Reinforced Bioplastics

Funding Agency : Department of Biotechnology, Govt. of India

- Principal Investigator : Dr.C. Balagopalan
Amount : Rs 30 Lakhs
Status : Completed
1. Title of Project : Medicinal Macrofungi: Their nutritional value and Medicinal properties
Funding Agency : Department of Science & Technology, Govt. of India
Principal Investigator : Dr.C. Balagopalan
Amount : Rs.25 Lakhs
Status : On going
2. Title of Project : Development of Optical fiber Biosensors based on ATP-Bioluminescence assay for rapid hygiene monitoring in hospitals for effective deterrence of nosocomial infections.
Funding Agency : Department of Science & Technology, Govt. of India
Principal Investigator : Mr. Harish,R.
Amount : Rs.21.3 Lakhs
Status : Completed
3. Title of Project : Antiarthritic, antioxidant and anti-inflammatory properties of marine algae of Southern India
Funding Agency : Department of Science & Technology, Govt. of India
Principal Investigator : Dr Maya, S
Amount : Rs. 27 Lakhs
Status : Project Sanctioned
4. Title of Project : Reduction of Alcohol Withdrawal Symptom With Melatonin
Funding Agency : Department of Science & Technology, Govt. of India
Principal Investigator : Mr. Sudeep Babu
Amount : Rs. 29 Lakhs
Status : Project Proposal Submitted and preliminary clearance obtained
5. Title of Project : Fish Collagen from Under Utilized Marine Resources of

Kerala

Funding Agency : KSCSTE, Govt. of Kerala
Principal Investigator : Dr. Jose Joseph
Amount : Rs. 10 Lakhs
Status : Continuing

6. Title of Project : Micropropagation of *Myristica* sp
Funding Agency : KSCSTE, Govt. of Kerala
Principal Investigator : Dr Reghurjan
Amount : Rs. 6 Lakhs
Status : Ongoing
7. Title of Project : Development of an in vitro protocol for rapid
multiplication of *Rhizophora mucronata*, a vulnerable plant
Funding Agency : KSCSTE, Govt. of Kerala
Principal Investigator : Biju Dharmapalan
Amount : Rs. 10 ,000
Status : Completed
8. Title of Project : Callus initiation from the immature flower buds of
Ensete superbum Roxb
Funding Agency : KSCSTE, Govt. of Kerala
Principal Investigator : Biju Dharmapalan
Amount : Rs. 10 ,000
Status : Ongoing
9. Title of Project : Developing a protocol for in vitro propagation of screw
pines
Funding Agency : KSCSTE, Govt. of Kerala
Principal Investigator : Biju Dharmapalan
Amount : Rs. 10 ,000
Status : Ongoing

Title of Project : Studies on pigments of marine algae of south-west coast

of India

Funding Agency : KSCSTE, Govt. of Kerala
Principal Investigator : Dr Maya
Amount : Rs. 10 ,000
Status : Ongoing

10. Title of Project :	Analysis of plant extracts with pesticidal properties and elucidate their mode of action on insect pests
Funding Agency :	KSCSTE, Govt. of Kerala
Principal Investigator :	Dr Maya
Amount :	Rs. 10 ,000
Status :	Ongoing

MBA Department:

Corporate Social Responsibility undertaken by Students and Faculties *Rays of Love – 54 school kit were donated to orphans*

Conducted a Cycle Rally and Street Role Play for creating awareness among the students and youth against the use of drugs

Conducted a mass consumer awareness survey on the effectiveness of the programmes of Radio Macfast 90.4 by the MBA students of MACFAST

9. Seminars Conducted

M.Sc Department:

a) State Level :

- *Dr. Kurien memorial lecture by Sri Baby Jose, Regional MD, Milma Trivandrum*
- *A Special Lecture by Prof.S.Mahadevan, Indian Institute of Science Bangalore on Microbial Survival Strategies, 20th June 2012*
Bioscience for the people

Various programmes like Ethnic food festival, medical camp including dental care, free Water quality Analysis was organized in November 2011.

- Environmental Awareness Programme

The environmental awareness programme was launched in the college- Dr. K R Viswambaran, IAS, Vice Chancellor, Kerala Agricultural University inaugurated the programme by distributing saplings of various trees to farmers and public. This programme was sponsored by Ministry of Environment, Govt. of India.

- National Science Day Celebration

As part of National Science Day Celebration a one day workshop on Renewable Energy for a Brighter Tomorrow was organized on 29th February 2012. The programme was sponsored by KSCSTE. The Programme was inaugurated by Sri.Mathew T Thomas, M.L.A.The sessions were handled by scientists from Cochin University of Science and Technology, ANERT Thiruvananthapuram, Indian Institute of Interdisciplinary Sciences and Technology Thiruvananthapuram.

b) National Level

National Seminar on Algal Biotechnology

c) International Symposium

The School of Biosciences organized an International Symposium entitled “Advances in Herbal Science & Technology” during 27-29 November 2012. International delegates from UK, Greece, Sri Lanka, Mexico, Canada and Slovakia participated besides distinguished professors and scientists from all over India. About 250 delegates from India and abroad participated in the symposium. The symposium was sponsored by DST New Delhi, KSCSTE Kerala, Indian Council of Medical Research New Delhi, Horticultural Mission Kerala and Catholic Diocese of Tiruvalla.

MCA Department

(a) State Level - 2

(b) National Level - 2

(c) International Level

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

M.Sc Department:

- Stephen James : Introduction to Bioinformatics” invited talk given at IHRD engineering college, Malapally .
- Harish R : “Bioinformatics ; creating a new insights to the science of life” at VAIGNAIGAM at N.S.S.HSc, Kaviyoor .
- National Level Quiz at “Emerging Trends in Bioinformatics Bioverve 2011” at Mar Thoma College Thiruvalla by Stephen James
- Biju Dharmapalan : Exciting world of Life Science, invited talk given at Mar Ivanios College Trivandrum
- Biju Dharmapalan : Career Guidance for school students, invited talk given at Mar Thoma College, Tiruvalla
- Biju Dharmapalan : Career options and scholarships available for B.Sc. students, invited talk given at St.Thomas College Kozhencherry

- Ms. Pinchu Elizabeth Thomas has taken classes on Sensory evaluation and Vitamins at B.C.M College, Kottayam for students of Food Science & Quality Control.

MCA Department:

(a) State Level

Faculty 1: Mr. Samuel

Date	Institution with address	Title of the seminar/workshop/conference	Title of the invited lecture
25.6.2011	Dept. of Mathematics St. Teresa's College, Ernakulam	Regional Seminar organized by the Kerala Mathematical Association	Rough set theory
24.11.2011	PSMO College, Tirurangadi	UGC sponsored National Conference	Measure, Computable Measure and Fuzzy Measure
3.2.2012	Dept. of Computer Science St. Thomas College Trichur	One day Seminar on Computer Science and its Applications	Research prospects in Data Mining
22.2.2012	Jamal Mohemad College(Autonomous) Trichy, Tamil Nadu	UGC sponsored National Conference	Possibility theory as a tool for Data Mining
May 2012	Dept. of Computer Applications, for the Computer Science ,U. C. College, Aluva	Resource person for the AICTE sponsored Staff Development Programme	
23rd June 2012	Dept. of Mathematics, St. Teresa's College, Ernakulam and the Kerala Mathematics Association	one day seminar	Near Sets

Faculty 2: Mr. Tiji Thomas

Date	Title of the seminar/workshop/conference	Title of the invited lecture
January 30-31,2012	Orgnized by Department of computer Technology, NGMCollege, Pollachi, Coimatore, Tamilnadu.	PHP,MySQL
March 2-3,2012	Orgnized by Department of computer Applications, Mar Baselios Institute of Technologies,Anchal,Kerala	Advanced PHP Programming with MySQL
August 9-10,2012	Orgnized by Department of Information Technolgy, K.R Gouriamma College for Women, Cherthala, Kerala.	PHP Programming with MySQL
September 13-14,2012	Orgnized by CSI /ISTE Students Chapter MACFAST, Department of Computer Applications, MACFAST and Department of Mathematics, BAM College Thuruthicadu	PHP Programming with MySQL
15 December 2012	Orgnized by Department of Information Technology, Government Polytechnic College, Purappuzha, Thodupuzha, Kerala.	Advanced Programming in C

(a) National Level

- 1) “Business Innovations in Global Era,” by Dr. Judith Hollows at an international conference organized by AVVMS Pushpam College, Tanjore on August 2012.

MBA Department:

(a) State Level Faculty- Mr. Shibu Itty Mathew

Date	Institution with address	Title of the seminar/workshop/conference	Title of the invited lecture

June 30 th 2012	DePaul College Angamally	One Day Seminar on Community Radio Station	Marketing Strategies of Community Radio Stations
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(b) National Level

“Business Innovations in Global Era,” by Dr. Judith Hollows at an international conference organized by AVVMS Pushpam College, Tanjore on August 2012.

Seminars attended:

1. Mr.Thomas Kaduthanam attended “Marketing Trends and Fractal Market Hypothesis” on 16th and 17th August 2012 at NSS Changanacherry.
2. Mr.Thomas Kaduthanam attended “Workshop on Management Consultancy” on 2nd 2013 at MES College of Engineering, Kuttippuram.
3. Ms Mallika Sankar attended National Conference on “Management Facets: Quest and Fortuity” held at S B College, Changanacherry on January 2013
4. Mr. Sudeep B. Chandramana participated in the FDP on Strategic Management at IIM, Bangalore from December 24-29, 2012.

10.Publications by the faculty with Impact factor of the Publications (A Short Description)

M.Sc Department:

Journals

- Biju Dharmapalan, *Current science*, 2012,102 (9), 1245-46
- Biju Dharmapalan *et al.* Establishment of Fast-Growing Normal Root Culture from the Leaves of *Coleus vettiveroides* Jacob. *Advanced Biotech*, 2011, 11 (3),16-18
- Biju Dharmapalan, *Current science*, 2011,100 (8), 1119
- Biju Dharmapalan, *et al.* An Efficient Protocol for Multiple Shoot Initiation in *Coleus vettiveroides* Jacob, Medicinally Important Plant. *Advanced Biotech*, 2011, 10 (9),,34-36.
- Biju Dharmapalan *et al.*. Isolation and characterization of essential from the leaves of *Cymbopogon flexuosus* (Steud.) Wats. Growing in Aryanad. *Journal of Science Technology and Management*, 2011, 3 (4), 5-8.

Text Books

- Biju Dharmapalan (2012). *Scientific Research Methodology*. Narosa, Delhi
- Biju Dharmapalan *et al.* (2012). Fermented Products from Mango. In *Mango Production and Processing Technology*, Vol 1, eds Sudha G Valavi *et al.* Studium Press LLC, USA. pp 648-654
- Database Management System for Business Authored by Mr. Tiji Thomas, Mr. Stephen James , Mr. Terry Jacob Mathew
- Vijayakumaran Nair & Biju Dharmapalan (2011). *Methodology and perspectives of Science*, 2nd edition. Academica, Thiruvananthapuram
- AnilKumar, Roy, Biju, D. & Rajith (2011). *Botany for plus one*, 9th edition. New Jyothi Publications, Thiruvananthapuram
- AnilKumar, Rajith, Roy & Biju, D (2011). *Botany for plus two*, 9th edition. New Jyothi Publications, Thiruvananthapuram

Magazine Article

- Biju Dharmapalan(2012) . Rewriting the dogma of Life. *Science Reporter*. Vol. 49 , No.12, pp 21-23.
- Biju Dharmapalan, M.S. Jyothish and P.V. Harinandanan (2012). Floral mimicry - Nature's deception for survival in plants . *Science India*. Vol. 15 , No.12, pp 21-24.
- Biju Dharmapalan(2012) .Hortus Malabaricus –Celebrating the Tricentennial of a Botanic Epic. *Science Reporter*. Vol. 49, 10, pp 26-28.
- Biju Dharmapalan Sruthimol C. Bhasi and M.S. Jyothish (2012).Termite - A ubiquitous and inimitable creature" *Science India*. Vol. 15, No. 9, pp 9-13.
- Biju Dharmapalan, M.S. Jyothish , Ajith Asokan and P.V. Harinandanan (2012). Mangrove Palm – A Versatile Unique Palm. *Science Reporter*. Vol. 49 , No.7, pp 53-54.
- Biju Dharmapalan (2012). Sustainable use of plant biotechnology in agriculture for food security. *Science India*. Vol. 15, No. 5, pp 8-16
- Biju Dharmapalan and K.G. Sreekala (2011). How a flower produces colour? - An overview of biochemical aspects behind flower colouration. *Science India*. Vol. 15. No. 2, pp 4-8.
- Biju Dharmapalan(2011). A Nobel for a Noble Cause. *Science Reporter*. Vol. 48 , No.12, December 2011, pp 47-48.
- Biju Dharmapalan, M.S. Jyothish and P.V. Harinandanan(2011). Unsung Heroes of Mangrove Ecosystem—Mangrove Crabs . *Science Reporter*. Vol. 48 , No.10, pp 53-56.
- Biju Dharmapalan & Vanila Varghese(2011). Nature's Geometry-The Fibonacci way. *Science India* .Vol. 14

, No. 10, pp 4 - 8.

- Biju Dharmapalan, Abhilash Babu & Arun K. Das (2011). Conserving Screw Pines. *Science Reporter*. Vol. 48, No.6, pp 56-57.
- Biju Dharmapalan & Harinandanan, P.V. (2011). Are we serious about conserving biodiversity?" *Science India* .Vol. 14, No. 6 , pp 16-19.
- Biju Dharmapalan ,*Karshakan*, July 2011, pp 68-70
- Biju Dharmapalan ,*Karshakan*, June 2011, pp 30-31
- Biju Dharmapalan ,*Karshakan*, May 2011, pp 30-31
- Biju Dharmapalan ,*Karshakan*, April 2011, pp 30-31
- Biju Dharmapalan ,*Karshakan*, March 2011, pp 19-20

News Paper Article

- Biju Dharmapalan (2011). The politics of Endosulphan: A mockery of humanity?. Merinews , 23rd April 2011. (<http://www.merineews.com/article/the-politics-of-endosulphan-a-mockery-of-humanity/15848071.shtml>)

Proceedings

- ❖ Biju Dharmapalan, Somy Varghese & Vanila Varghese (2012). Initiation of callus from immature flower buds of *Ensete superbum* (Roxb.) Cheesman. Proceedings of the Third International Seminar on Sustainable Utilization of Tropical Plant Biomass through Biotechnology. KVM College of Engineering & Information Technology, Chertala.
- ❖ Renuka, S., Jisha, S., and Biju Dharmapalan (2012). An efficient protocol for large scale plantlet production from the apical meristems of *Musa paradisiaca* L. cv. Nendran. Proceedings of the Third International Seminar on Sustainable Utilization of Tropical Plant Biomass through Biotechnology. KVM College of Engineering & Information Technology, Chertala.
- ❖ Roopa M Namboothiri (2012). Computational studies on potential effects of plumbagin-a plant derived naphthoquinole on T-Cell Lymphomas. Proceedings of the Third International Seminar on Bioinformatics & Systems Biology at Annamalai University .
- ❖ Dani Alphonse (2012). Insilico studies on Antiretroviral activities of Phyto chemical constituents in tropical medicinal herb – *Phyllanthus nirur* Linn . Proceedings of the Third International Seminar on Bioinformatics & Systems Biology at Annamalai University

MCA Department:

Title: DATABASE MANAGEMENT SYSTEM FOR BUSINESS by Mr. Tiji Thomas, Mr. Stephen James and Mr. Terry Jacob Mathew

Publisher: Prakash Publications & Printers (30-11-2011)

A student with a basic knowledge can explore the exciting area of database with the help of this book. The step by step practical approach is the most striking feature of this book. Each topic is covered with the help of relevant screen shots and step by step instructions. This book is designed for undergraduate students. The concepts have been presented in an easy and understandable form so as to enable the students to grasp the subject even though they had no prior knowledge in DBMS.

There are five modules in this book spanning the entire DBMS concepts and Access 2007 database.

Model questions are also included in the end of each module.

MBA Department:

Rev. Dr. Mathew Illathuparambil – Ethics for Business: Indian Ethos and Values

Indian Ethos and Management Values revisits the contemporary attempts in developing an indigenous management style using the resources of Indian ethos. This work maintains a happy balance between the pitfalls of polar opposites possible in any academic pursuit. Its approach is student-friendly, while not becoming superficial. Treatment of subjects is focused and concise, but extends also to intriguing issues in business management. While capturing current scholarship in the field, it converses also with ancient sources. A faithful adherent to the tenets of Indian ethos, this work, however, holds in esteem other traditions as well.

Dr. Sukumaran Nair – A text book on Higher Accounting with co-authors, Published by Calicut University Central Co-operative Stores Ltd., Calicut, 2000.

National Journal Papers Published By Faculties

Ms. Ashalekshmi

- 1) “Ethical Practices at Workplace: Issues and challenges – A framework to overcome” in Managing the future, Vol. 1 No.2 July, 2011; ISSN: 0975-0045.
- 2) “Creating cultural compatibility through performance culture in IT industry in Kerala” in Global Journal of Arts and Management, Vol. 1, No. 3, ISSN: 2249-264X (print), 2249-2648 (online)

Dr. Sukumaran Nair

- 1) “Savings and Investment Pattern of Emigrant Households in Kerala” in Review of Social Sciences Vol. VI, No. I, Jan- June 2005, pp. 7-11, published by The Kerala Academy of Social Sciences, Thiruvananthapuram
- 2) “Remittances to India : A Study in Perspective” in Management Researcher

Vol. XI, No. 3&4, Jan- June 2005, pp. 11-19, published by Institute of Management Development and Research, Thiruvananthapuram.

3) “Household Savings : An Analysis of the Saving Propensities of Emigrant Households in Kerala” in Review of Social Sciences, Vol.VII, No.I, Jan-June 2006. pp.89-95, published by The Kerala Academy of Social Sciences, Thiruvananthapuram.

4) “Emigration from Kerala : A Review”, in Kerala Calling, Vol.25, No.10, Aug,2005. pp.27-29, published by Dept. of Information &Public Relations, Govt. of Kerala.

Details of Book chapters by faculty and students

- 1) “ Impact of the linkage banking policy in micro finance on the Millennium Development Goals (MDGS) of India” by Mr. Vijaymohan VP in the book titled, Research in Management
- 2) “Green Banking – an initiative of banks to sustainable development” by Mr. Vijaymohan VP in the book titled, Recent Trends in Finance & Banking.
- 3) “Management Megatrends - Twenty-first Century Perspectives”, (2010), Allied Publishers, Bangalore by Mr. Sudeep Chandramana
- 4) “Human Resource Management: An Anthology of Contemporary Research”, (2009), Excel India Publishers, New Delhi by Mr. Sudeep Chandramana.
- 5) ‘Alco story’ with Lee Tak Chi in Laurent Gutierrez et al (eds.) (2002) HK LAB. Hong Kong: Map Book Publishers. pp. 153-162 by Dr. Judith Hollows.
- 6) ‘Pygmies among the giants: brand development in Chinese family businesses in Hong Kong’ with Stewart R. Clegg in Laurent Gutierrez et al (eds.) (2002) HK LAB. Hong Kong: Map Book Publishers. pp. 147-151, by Dr. Judith Hollows.
- 7) ‘Business cultures, Asian Pacific’ in Malcolm Warner (ed.) (2002) The International Encyclopedia of Business and Management. London: International Thomson Business Press. 2nd edition. pp. 603-609, by Dr. Judith Hollows.
- 8) ‘Entry strategies and the emerging structure of e-commerce in Hong Kong’ Hollows, J., C.K. Lok, W.M. Mak in Butler , J.E. (ed.) (2001) E-Commerce and Entrepreneurship. In Research in Entrepreneurship and Management, Greenwich, C.T.: Information Age Publishing, pp. 83-104, by Dr. Judith Hollows.
- 9) 'From replication to innovation: the development of Hong Kong manufacturing firms' Hollows, J, & C. Dilnot, in Lee Pui Tak (ed) (2001) Hong Kong Re-integrating with China: Political, Social and Cultural Dimensions. Hong Kong University Press, pp. 97-108, by Dr. Judith Hollows.
- 10) 'Business cultures, Asian Pacific' in Malcom Warner (ed.) (2000) The Encyclopedia of Business and Management: Management in Asia Pacific. London: Business Press. pp: 73-81, by Dr. Judith Hollows.

- 11) 'Historical prototypes: the influence of Japanese cotton textile firms during the pre-1949 period.' in Sally Stewart & Anne Carver (eds.) (1997) *Coming of Age: Developments in Sino-foreign Joint Ventures*, Vol. 5 of *Advances in Chinese Industrial Studies*, JAI Press, Greenwich, Conn. Pp .35-66, by Dr. Judith Hollows.
- 12) 'Human Resource Management in China' Hollows, & J. Lewis in H. Davies (ed.) (1995) *China Business: Context and Issues*. Hong Kong: Longman. pp. 269-285, by Dr. Judith Hollows.
- 13) 'Case studies: Hong Kong' in *Corporate Culture and Productivity: Case Studies in Asia and the Pacific*. (1994) Tokyo, Asian Productivity Organization. pp. 159-239, by Dr. Judith Hollows.
- 14) 'Firm development and diversification strategies as an indicator of economic culture.' Hollows, J. & S.G. Redding in Whitley, R.D. (ed.) (1992) *European Business Systems*, Sage Publications. pp. 241-266, by Dr. Judith Hollows.
- 15) 'Technology transfer and East Asian business recipes: the adoption of Japanese management techniques by the Shanghai cotton spinners and their use in Hong Kong' in Marceau, J. (ed.) (1992) *Reworking the World: Organisations, Technologies and Cultures in Comparative Perspective*. de Gruyter. pp. 193-218, by Dr. Judith Hollows.

'The role of research and development in the diversification strategies of leading Japanese cotton spinning companies: a comparison with Hong Kong' in Gulrajani, M. (ed.) (1991) *Opportunities, Trends and Developments in Textile Industries of the Asian Region in 2000*. The Textile Association (India) Delhi Unit. pp.70-91 by Dr. Judith Hollows.

Papers Presented in National Conferences by Faculties+

- 1) “Green banking – an initiative of banks to sustainable development”, by Mr. Vijaymohan V P at Saintgits Institute of Management, Kottayam on September 2012.
- 2) “Sustainable Banking: An Indian perspective”, by Mr. Vijaymohan VP at Marthoma Institute of Information Technology, Kollam, on October 2012.
- 3) “Creating Cultural Compatibility through employee interest and workplace morale” by Ms. Ashalakshmi R.K at the National Conference on “Management Facets: Quest and Fortuity” held at S B College, Changanacherry on January 2013

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

M.Sc Department:

- ❖ Dr. C.Balagopalan received patent number for the technology developed through the project *Integrated Technology for the Development of Reinforced Bioplastics*

- ❖ Mr Harish R has developed a biosensor
- ❖ Mr Biju Dharmapalan developed a protocol for callus production from flower buds of *Ensete superb.*

MBA Department:

- 1) “Customer Perception on service quality of retail banking in Pathanamthitta district of Kerala – an empirical study” in Global Journal of Arts and Management, Vol.2, No.2, ISSN: 2249-2658(online), 2249-264X (print), by Mr. Vijaymohan VP.
- 2) Brand development: institutional constraints on Chinese business’ Hollows J. & Clegg S.R. Management Research News, vol.29, no.7, pp.386-401, 2006
- 3) ‘Building foundations for e-commerce in Hong Kong’ Hollows J. & Lok C.K. Cooperation South Journal, 1: 29-42, 2001.
- 4) 'Historical trajectories of innovation and competitiveness: Hong Kong firms and their China linkages', Creativity and Innovation Management Journal, Vol 8/1: 57-63, March 1999.
- 5) 'The changing of the guard in Hong Kong: the influence of British and Chinese elites on the rise and fall of leading firms.' Hollows, J., Harris Y.C Chow and Mark C.H. Ng. New Asia. Vol. 4/2: 47-69. Summer 1997

12. Academic Achievements (A Short Description)

M.Sc Department:

- ❖ Biju Dharmapalan Attended the discussion meeting cum workshop on Individuals and Groups organized by the International Centre for Theoretical Science at Almora from 22nd May to 31st May 2012
- ❖ Mr. Biju Dharmapalan got selection to attend the Biology Olympiad Exposure Camp for Teachers organized by the Homibhabha Centre for Science Education (TIFR) from 27th to 29th September 2011, representing Kerala.

DEPARTMENT ACTIVITIES - MCA

1. WORKSHOP ON SCIENCE WITH OPTICAL SPECTRA

The Workshop on 'Science with Optical Spectra', jointly Organized by Department of Computer Applications , MACFAST Newman College and the Inter University Centre for Astronomy and Astrophysics (IUCAA) was organized from 6th to 8th of September at MACFAST, Tiruvalla. The participants included 30 Research Scholars from different parts of the country.

The participants were given hands on training on Spectral Reduction which is required to do serious astronomical observations. The training was lead by two eminent professors from IUCAA, Pune, Prof. Pushpa Khare and Prof. R. Srianand.

On 6th the programme started with a talk by Prof. Pushpa Khare on "Different types of optical spectra and its classifications". Presently she is the Chairperson of the Scientific Organizing Committee of the Astronomical Society of India, a member of the Editorial Board of the Journal of Astro-physics and Astronomy and a member of the scientific organizing committee of COSPAR.

The second lecture was given by Prof. Srianand on "Observational aspects of spectroscopy". IUCAA has an observatory in Girawali near Pune where these spectra are taken, and students trained here will have the facility to go and make observations of various astronomical objects and their spectra from there.

The practical sessions in the afternoon on the study of distant stars, galaxies and quasars were conducted in the MACFAST computer lab which runs on solar power and is equipped with about 250 computers having dedicated internet connectivity.

This workshop is unique and covers both the theoretical and practical aspects of science with special emphasis to astronomy.

1.1 A Day with an Astronomer – An exciting event for the school students of Thiruvalla

Department of Computer Application and Inter University Center for Astronomy and Astrophysics (IUCAA) organized a seminar for the school students was held in the MACFAST auditorium on 7th September 2012. Over 500 students participated in the lecture on “Understanding the Universe” given by Prof. Pushpa Khare, Professor, Emeritus, IUCAA, Pune”. Presently she is the Chairperson of the Scientific Organizing Committee of the Astronomical Society of India, a member of the Editorial Board of the Journal of Astro-physics and Astronomy and a member of the scientific organizing committee of COSPAR.

Prof. Pushpa elaborated how our understanding of the universe evolved for thousands of years when man used to stare at the stars in wonder and how modern technology has revolutionized the whole understanding about the origin and the ultimate fate of the Universe. Rev. Fr. PradeepVazhatharamalayil welcomed all to the meeting. The Director of MACFAST, Dr. Judith Hollows was also present on the occasion.

1.2 Public talk on- LIGO: A Giant Gravitational Wave Detector for India

Department of Computer Application and Inter University Center for Astronomy and Astrophysics (IUCAA) organized a Public talk on- LIGO: A Giant Gravitational Wave Detector for India was held in the MACFAST auditorium on 7th September 2012 at 5.30 pm. The public talk was given by Prof. Ajit Kembhavi, Director, IUCCA, Pune. Rev. Fr. PradeepVazhatharamalayil, Principal, MACFAST welcomed all to the meeting. The Director of MACFAST, Dr. Judith Hollows was also present on the occasion.

Professor Ajit Kembhavi is the Director and Distinguished Professor at the Inter-University Centre for Astronomy and Astrophysics (IUCAA) in Pune. He is one of the founding members of IUCAA. Before IUCAA he was at the Tata Institute of Fundamental Research in Mumbai where he obtained his Ph.D. with Professor J.V. Narlikar and was then appointed as a scientist. Kembhavi has also been a post-doctoral fellow at the Institute of Astronomy, Cambridge, England.

Professor Kembhavi's interests are in galaxies, high energy astrophysics, quasars, etc. and he leads the Virtual Observatory-India Project. He is deeply involved in developing astronomical research in universities and colleges in India. He is Chairman of various UGC committees which look after the UGC-Infonet which brings the benefits of information and communication technology to all the universities in India. He is a Fellow of the National Academy of Sciences and Indian Academy of Sciences and has received the UGC Hari Om award. He is on the Governing Council of the Indian Institute of Science, Bangalore, and Chairman of the Scientific Council of CDS, Strasbourg, France and Chairman-elect of the International Virtual Observatory Alliance.

Professor Kembhavi has been one of the key persons driving India's participation in two key international mega-projects: the Thirty Metre Telescope (TMT) project for building one of the world's

largest optical telescopes to be located in Hawaii and a LIGO gravitational wave detector, which will be located in India and built through a consortium of institutes in India and the USA.

2 Ramanujan's Day Celebration

The 125th birth anniversary of great mathematical genius Sreenivasa Ramanujan was held on December- 14-2012. A video on the history of Ramanujan was presented by students of MCA department. The keynote address was given by Dr. Jacob Thomas IAS and the remarks of the program were given by the Dr. M. S Samuel, Director of MCA. Thereafter a quiz on Ramanujan's life and his contributions has been conducted. 19 teams were present for the prelims and from them 5 teams were selected for the finals. Among them Catholicate college Pathanamthitta bagged first prize, Assumption college Changanacherry won the second prize and S.B college Changanacherry got third prize.

3 Workshop on PHP and MySql

The Department of Computer Applications and CSI- MACFAST branch organized a two days workshop on PHP and MySQL on 21st and 22nd September 2012. The workshop was conducted by Mr. Tiji Thomas (HOD), Department of Computer Applications, and MACFAST). The workshop covered all the basic elements in PHP and MySQL for developing a web application. Dr. M. S Samuel (Director, Department of Computer Applications, MACFAST) has given a talk on "Employability Skills". All the B.Sc. Mathematics and Physics students from BAM College Thuruthicadu participated in the workshop.

4 CYCLE RALLY – WAR AGAINST DRUGS

Four faculty members and students participated in the Cycle rally organized by Radio Macfast on 10th February 2012.

15. Student Achievements – Academic (A Short Description)

MSc Department:

- Ten Bioscience students were selected to attend the P.G.Student interaction programme organized as part of Kerala Science Congress 2013
- Mr. Jyothish ,M.S. of M.Sc. Plant Biotechnology received National Science Academies Summer Research Fellowship in life sciences .
- Mr Vimal N and Ms.Ameya Mangal were selected as Student Brand Ambassadors by the Election Commission of India, 2012

- Three students Mr.Harinandan, Ms.Sreekala and Ms.Ratna received Student Research Project from KSCSTE, Govt. of Kerala, 2011.
- Two students Ms. Vanila Varghese and Ms. Jisha S received Student Research Project from KSCSTE, Govt. of Kerala, 2012
- Mr Jyothish ,M.S got admission to Ph.D programme at Delhi University South campus
- Mr Harinandan, P.V. qualified GATE examination and joined NCBS ,Bangalore
- Mr Ajith Asokhan of M.Sc. Plant Biotechnology was awarded First Rank By the M.G. University(2009-11 batch)
- Ms.Vanila Varghese of M.Sc. Plant Biotechnology was awarded First Rank By the M.G. University (2010-12 batch).
- The following students of M.Sc. Food Science and Technology 2010-2012 batch secured first three ranks in the University examination ,

Ms. Nimisha, FIRST RANK

Ms. Jovan , SECOND RANK

Ms. Sumayaa, THIRD RANK

- The following students of M.Sc. Food Science and Technology 2009-2011 batch secured first three ranks in the University examination ,

Ms. Neethu Ravikumar, FIRST RANK

Ms. Tare Vineetha , SECOND RANK

Ms. Joshi Kanaka Sunil, THIRD RANK

- Ms. Sanuja Samad 3rd of M.Sc. Biochemistry was awarded Third Rank By the M.G. University(2010-12 batch).
- Ms .Dani Joseph of M.Sc. Bioinformatics was awarded Third Rank By the M.G. University(2010-12 batch).
- Ms.Sanu Santhosh of M.Sc. Bioinformatics was awarded Second Rank By the M.G. University(2009-11 batch).

MBA Department:

- First Semester Results of MBA(2011-13) Batch- Top result in MG University (76% Pass)
- Third Semester Results of MBA(2010-12) Batch – Second best result in MG University and First among Self Financing Colleges(94% Pass)

MCA Department:

Joby John of S₅ MCA got “third prize “in Elocution completion conducted by Kerala State on Green Energy

16. Student Activities / Achievements – (Extra Curricular)

- a) NCC -
- b) National Service Scheme
 - Jisha,S ,Roshni Prem and Fousiya, F.F attended the training programme “ Leadership Development through Participation with community “ from 3rd to 5th February 2012.
 - Mr.Vimal N has attended volunteer secretary training camp at MES College Erumeli from 3rd to 5th August 2012.
 - Ms Ameya and Mr.Vimal attended the District level NSS Day Celebration at St.Thomas College Kozenchery
 - Ms Ameya and Mr.Vimal were selected as Brand Ambassadors of Election Commission and successfully co-ordinated the election enrolment process
 - 3 students attended the UGC sponsored conference on women empowerment organized by D.B College Parumala on 29th and 30th September 2012.
 - Cleaning of Angandvadi Centre at Tholassery was carried out by volunteers and fruit crops were planted in the campus as part of Gandhi Jayanti Celebration.
 - Contrsuction of a vegetable garden

(a) National Service Scheme:-

The M.G. University Kottayam has sanction one unit of NSS (Unit No 124) during the academic year 2012. Mr Biju Dharmapalan is the programme officer and Mr.Vimal ,N is the volunteer secretary. An advisory body with Principal as chairperson has been constituted to monitor the activities of NSS. Mr.Biju Dharmapalan has undergone the Orientation course for the programme Officers at Rajagiri from 8th -14th August 2012.

- Jisha,S ,Roshni Prem and Fousiya, F.F attended the training programme “ Leadership Development through Participation with community “ from 3rd to 5th February 2012.
- Mr Biju Dharmapalan attended the P.O conference organized by university at Baselous college
- Mr.Vimal N has attended volunteer secretary training camp at MES College Erumeli from 3rd to 5th August 2012.
- Flag hoisting on 15th August 2012.
- As part of teacher’s day celebration on 5th September2012, the volunteers wished teachers with hand- made card and jasmine flowers.
- A class campaign for the enrolment of new volunteers was conducted on 13th September 2012. So far 80 students have enrolled.
- The college hosted the district level programme officers meeting organized by the University on 17th September 2012.
- An orientation programme for newly enrolled volunteers was conducted on 21st September 2012.
- Ms Ameya and Mr.Vimal attended the District level NSS Day Celebration at St.Thomas College Kozenchery
- As part of NSS Day Celebration the volunteers initiated work for making a vegetable garden.
- 3 students attended the UGC sponsored conference on women empowerment organized by D.B College Parumala on 29th and 30th September 2012.
- District level Gandhi Jayanti Celebration was conducted on 2nd October 2012 in which 51 volunteers from different colleges and 40 from MACFAST participated.
- Cleaning of Angandvadi Centre at Tholassery was carried out by volunteers and fruit crops were planted in the campus as part of Gandhi Jayanti Celebration.
- A lecture on Relevance of Gandhian philosophy in the contemporary society was delivered through our community radio by Dr K Prakash, State Laison Officer

(b) Arts festival

MBA

Name of the fest	Number of winners	Details
M G University South Zone Badminton Tournament	6	3 rd position, Qualified for inter-zonal
SB College, Business Fest	4	Marketing Game, 2 nd Prize
Marian College, Business Fest	4	2 nd Prize, Business Plan
District Level Elocution Competition Organized by Energy Conservation Society	1	Second Prize, the state level competition will be conducted on 8 th

		December, 2012 at Trivandrum
State Level Debate Competition	2	1 st place
Saint Gits College of Management, Business Fest	1	Best Manager
Lourde Matha College of Science & Technology, Trivandrum, Business Fest	1	Best Manager

17. Campus Recruitment (if any)

MCA Department:

Sl. No.	Name of the Firm	No. of Students Attended		No. of Students Selected	
		M	W	M	W
1	Coolminds Technologies, Infopark, Ernakulam	10	12	0	0
2	IBS Technologies	5	10	0	0
3	Subex Inc			0	1
4	Quest Innovative Solutions			2	1
5	Shreds			0	1
6	IPSR Solutions			0	
7	RR Donnelley	4	10	2	8
8	Aptara	2	1	2	1
9	Global Associates	1	1	1	1
10	HDFC Life	16	14	6	5
11	HDFC Bank	21	9	1	
12	Bllue Lotus	2	12	0	4
13	UAE Xchange			3	1
14	MRF			1	2
15	New Age Sys	3	5	1	3
16	EXL	2	3	0	3
17	ACS	1	4	0	3

16	Muthoot Financial Services	23	9	1	0
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M.Sc Department:

1. Campus Recruitment

Sl.No.	Name of Firm	No.of Students Attended		No. of Students selected	
		M	W	M	W
1.	Scleris Lab, Ahamadabad	7	18	1	12
2.	Pushpagiri Medical College	1	8	0	2

MBA Department:

SL.NO	NAME	DISCIPLINE(MAJOR,MINOR)	NAME OF THE ORGANISATION
1	BINDHIYA MAMMEN	FINANCE,MARKETING	RR DONNELLY
2	ALEENA J	FINANCE,HRM	RR DONNELLY
3	VINCY VARGHESE	FINANCE,HRM	RR DONNELLY
4	ANJU N	FINANCE,MARKETING	RR DONNELLY
5	VARSHA ASHOK	FINANCE,HRM	RR DONNELLY
6	LAKSHMI S	FINANCE,MARKETING	RR DONNELLY

7	MEGHA RAVEENDRAN	FINANCE,MARKETING	RR DONNELLY
8	SARANYA	FINANCE,HRM	RR DONNELLY
9	SINJU SALIM	FINANCE,HRM	RR DONNELLY
10	TINU KURIAKOSE	FINANCE,MARKETING	RR DONNELLY
11	ANI SOMAKUMAR	FINANCE,MARKETING	RR DONNELLY
12	SANTHOSH VARUGHESE GEORGE	FINANCE,MARKETING	HDFC BANK
13	JERRY JOHN	HRM,MARKETING	PUSHPAGIRI
14	CINSHA RACHEL	HRM,MARKETING	BIG Z
15	VIMAL N K	FINANCE,MARKETING	BIG Z
16	AJITH J NAMBIAR	FINANCE,MARKETING	BIG Z
17	REKHA SREEDEVI	FINANCE,HRM	BIG Z
18	BETZY VARGHESE	HRM,FINANCE	BIG Z
19	REETHU PAUL	FINANCE,HRM	BIG Z
20	ARUN JOHNY	MARKETING,HRM	BIG Z
21	RESHMA RAVEENDRANATH	HRM,FINANCE	BIG Z
22	REMYA ANAND	IT,MARKETING	BIG Z

23	GLORY P M	HRM,FINANCE	BLLUE LOTUS
24	SUSAN THAMPAN	HRM,MARKETING	BLLUE LOTUS
25	MILU SUNNY	HRM,FINANCE	BLLUE LOTUS
26	ASWATHY P S	HRM,MARKETING	BLLUE LOTUS
27	STEFFI MATHEW	FINANCE,MARKETING	HDFC LIFE
28	ASHISH STANLY SAM	FINANCE,IT	HDFC LIFE
29	PRADEEP B	FINANCE,MARKETING	HDFC LIFE
30	ANJAN RAVI	FINANCE,MARKETING	HDFC LIFE
31	SREERAJ NAIR	IT,MARKETING	HDFC LIFE
32	ANU JAMES	FINANCE,MARKETING	HDFC LIFE
33	JOBY JOSE	FINANCE,MARKETING	HDFC LIFE
34	NANDHAKUMAR V	FINANCE,MARKETING	HDFC LIFE
35	JOSHIJA JOSE	FINANCE,HRM	UAE EXCHANGE
36	JERIN DANIEL	MARKETING,IT	UAE EXCHANGE
37	MEBIN BABY	HRM,FINANCE	UAE EXCHANGE
38	GIFTY MARY	HRM,FINANCE	TRANSASIA SHIPMENT
39	SHERIL DANIEL	FINANCE,HRM	UAE EXCHANGE

40	BLESSON PHILIP	FINANCE,MARKETING	MOUNTZION COLLEGE OF ENGINEERING
41	ABHILASH V	MARKETING,HRM	ZYX CONSULTANTS
42	GEORGE JOSEPH	MARKETING,FINANCE	SYMEGA FOODS
43	FR. SAJAN JOSEPH	HRM,FINANCE	MACFAST, TIRUVALLA

18. Research Scholars Registered in the college : 6

Sl.No.	Name of Research Scholar	Title	Name of Guide
1	Sreeja S Tiji Chacko Indu R Lekshmi.G Aditya R Menon		Dr.C.K.K.Nair
2.	Anoop		Dr Balarama Kaimal

19..List of Research Guides in your College (With e-mail and website)

1. Dr. Raghurajan email: reghurajan@macfast.org

2. Dr. Maya S email: maayasu@gmail.com

3. Dr.C.K.K. Nair email: ckk@pushpagari.in

4. Dr. Maya Raman

5. Dr. Shaji P.K

MAR BASELIOS COLLEGE OF NURSING, KOTHAMANGALAM

- Name of the college** : Mar Baselios College of Nursing, Kothamangalam, mbcnklm@gmail.com, www.mbcn.org
- Name of the Principal** : Prof. Theyamma Joseph

3. Staff Profile

	Men	Women	SC	ST	Total
Teaching	5	35	-	-	42
Non Teaching	5	11	-	-	16

4. Courses offered with number of seats

UG	No. of seats		PG	No. of seats		M.Phil	No. of seats		Ph.D	No. of seats	
	M	W		M	W		M	W		M	W
60	0	60	-	-	-	-			-		

5. Students intake

Intake, those appeared in the examination and passed M-Men, W - women									
UG	Appeared		Passed		PG	Appeared		Passed	
	M	W	M	W		M	W	M	W
60	0	60	awaiting						

6. Library

- Total No. of books :3585
- Total number of journals :21
- Total no. of periodicals :5
- Number of titles added during the year : 26

7. Students activities /achievements (extracurricular)

SNA: The students Nurses association offers a developmental platform at unit zonal, state, national level. Students are encouraged to take active participation in our students bagged several prizes and certificates for various competitions in arts, sports, poster painting and scientific paper presentation. Mar Baselios College of Nursing scored highest point in State SNA Fest 2012 held at Kollam. We secured Overall Championship in Educational Competition and was related on on the Best SNA Unit in central Zone B.

8. Campus recruitment (if any) : yes

Sl.No	Name of the Firm	No. of students attended		No. of students Selected	
		M	W	M	W
1	Medcity, Delhi	3	35	3	32

9. **List of research guides in your college** (with e-mail and website)

- a. Prof. Theyamma Joseph
- b. Mrs. Airin C Pauloose
- 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
- l. Mrs. Jisha P Mohammed
- m. Mrs. Jisa George T
- n. Ms. Marina E John

MARIAN COLLEGE KUTTIKANAM

1. **Name of College** : Marian College, Kuttikkanam

e-mail: mariancollege@mariancollege.org

website: www.mariancollege.org

2. **Name of the Principal:** Dr Ruble Raj, MA, PhD, DPR

3. **Staff Profile:**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	38	20	-	-	58
Non Teaching	21	9	-	-	30

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

UG	Number of seats		PG	Number of Seats		M. Phil	Number of seats		PhD	Number of Seats	
	M	W		M	W		M	W		M	W
BCA	86	98	MMH	47	15	NIL			Doctor	2	2

BBA	103	85	MSW	21	34				of Social Work		
BCom Aided	101	90	MCA	79	101						
BCom Sf	30	10	MCom	29	33						

5. Student Intake

Under Grad.	Appeared		Passed		Post Grad.	Appeared		Passed	
	M	W	M	W		M	W	M	W
BCA	32	30	32	30	M Com	14	16	14	15
BBA	37	25	33	25	MMH	13	8	11	8
B Com	36	26	33	26	MSW	11	19	Result awaited	
					MCA	24	16	Result Awaited	

6. Details of tests cleared by students

Sl.No	Name	National Level Test
1.	Ms Anu Treesa George	UGC-NET
2.	Mr Jinu Mathew	UGC-NET
3.	Ms Merin Jose	UGC-NET

4.	Ms Lisa Alex	UGC-NET
5.	Ms Divya G S	UGC-NET
6.	Mr Bibin Jose	UGC-NET
7.	Mr Febin Varghese	JRF

7. Library

- (a) Total Number of Books: 18681
- (b) Total Number of Journals/magazines/periodicals: 196
- (c) Number of Book added during the year: 855
- (d) Number of journals/magazines added during the year:12

8. Grants Received from

- (a) UGC : Rs 52,03,115
- (b) Others: (salary aid) Rs2,44,13,021

9. Projects Undertaken

- (a) Idukki District, Panchayath Tourism Resource Mapping was taken up the MMH Dept
- (b) Gender Safety Audit of Peermade and Kumily on 8 September 2102 by MSW Dept.
- (c) Water Mug Campaign with Excise Department, Govt of Kerala.
- (d) MRHP is an on-going project; Medical Camps for providing specialized medical assistance to patients from tea estates.

10. Seminars Conducted

(a)State Level:

- Dept of Computer Application conducted a Workshop on Android Operating System on 20 September '12. This made a platform for all the participants to be familiar with the new operating system.
- BCA Department conducted a workshop on Research Methodology by Dr Gladstone Raj S on 19 September.

- School of Social Work organized SPECTRA'12, National level social work students meet based on the theme 'Sustainable Child Empowerment for a Promising Nation' on 23 and 24 February 2012 at the College. The programme had 300 participants (social work students and staff) from 15 Colleges within and outside Kerala.
- Galvanizer : In November an intra collegiate seminar was organized on the theme Social Protection by the Dept of Social Work.

b) National Level:

- M Com Dept conducted a National Conference on the theme 'Emerging Kerala- A paradigm shift from young job seekers to job creators' on 2 and 3 November 2012.
- The Dept of Computer Applications organized a UGC sponsored National Seminar on MOBILE COMPUTING on 19 and 20 September 2012.
- On 19 September a session on Research Methodology was organized by the Dept of Computer Applications.

(c) International Level:

- School of Social Work conducted International Conference on Social Protection: Perspective and Policies in association with International Council on Social Welfare UNESCO and Kerala Social welfare Forum (KSSF) during 12 to 15 December.

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

(a) National Level:

1. Dr John Johnson of MSW Dept addressed a National Conference on New Dimensions in Social Work Practice with Geriatric Persons on the topic Emerging Strategies and trends in Medical Social Works on 14 February 2012 at Amala Institute of Medical Sciences, Trissur.
2. Dr Cherian P Kurien presented a Paper on Organizing The Field Education at Loyola College, Thiruvananthapuram on 17-18 August 2012.

(b) International Level:

1. Mr Shajimon Peter of MSW Dept presented a Paper titled Mapping the Rich Interdisciplinary Contexts of Social Intervention Research at the faculty of Education and Arts, Student Research Festival, University of Newcastle, Callaghan, Australia.
2. Fr Alex J Vellappally presented a Paper on Substance Abuse Prevention and Treatment: A comparative analysis of India and USA in an International seminar on Social protection policies.
3. Dr John Johnson chaired a session on Health at the International Conference on social protection during 12-15 December 2012. He also presented the National Health Policy and National Mental Health Programme Guidelines at the seminar on Health during the International Conference on Social Protection at Marian College Kuttikkanam.
4. Dr Cherian P Kurien conducted an International Conference on Social Protection: Perspective and Policies from 12 to 15 December 2012 at Marian College Kuttikkanam.
5. Ms Princy T Sebastian, member of the Organizing Committee for International Conference on Social Protection presented a Paper on Adolescents and School Counseling.

12. Publications by the faculty with impact factor for the Publications (A short Description)

1. Dr Chackochan Njavallil published a paper titled The Bank's Branch Expansion Trends in India in Acumen 5.1
2. Dr Jojo K Joseph published a text books on Capital Market – ISBN No. 9788192096905 3rd edition in 2012 and Capital Management and Investment Management –ISBN No. 9788192096908. He also published a text book on Indian Financial System.
3. Dr K V Thomas published Accounting Practices of SHG's – A study with special reference to Parathodu Panchayat in Acumen-a research journal for Commerce and Management, 2012.
4. Mr Jacob Bose published a text book E-Commerce & Informatics –ISBN No 9788192183527, Prakash publishers.

5. Dr Cherian P Kurien of Social Works Department published Mentoring Manual jointly with Dr Ruble Raj, Principal of Marian College.

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

1. Mr Joshy John of BBA Dept completed a UGC minor project on the topic 'Entrepreneurial Motivation Among The Small Scale Industries in Kerala'.
2. Mr Bharathi Rajan of M Com Dept attended 10 days Research workshop in Trichi.
3. Ms Shinta Sebastian registered her name for PhD.
4. Dr K V Thomas submitted a major research project proposal to UGC titled "An enquiry into the accounting and book keeping practices of SHG's in the context of exponential growth of SHG's in Kerala".
5. Dr Soosy Joseph submitted a minor project proposal to UGC titled "Dalit Naari Mukthi".
6. Dr Chackochan Njavallil is the Associate Editor – Marian Research Journal of Commerce and Management. The research journal over the years has created significant impact among the research community and for its 5.2 issue it received four times more papers than what can be included in one issue.
7. Dr Jojo K Joseph of the Commerce Dept is guiding UG students (15-20) students for their projects and also extending consultancy service to PhD aspirants in presenting their research work.
8. Ms Rajimol A of BCA Dept is doing research in school of Computer Science MG University in the area of Web Mining.
9. Mr Binu Thomas of BCA is doing research in the School of Computer Science MG University in the area of Data Mining.
10. Mr Shajimon Peter of MSW submitted a PhD thesis titled A Critical Examination of Values Education Perspectives on Non-formal Education In India, in August 2012 at the University of Newcastle, Callaghan, Australia.
11. Mr Shijo Thomas of MSW is pursuing PhD under Kerala University. Data collection is on-going.
12. Dr John Johnson of the Social Works Department is guiding four students at their Master's Level Research.

13. Dr Cherian P Kurien conducted a UGC minor project, A Study On The Functioning of Child- Welfare Communities In Kerala. The report was completed with Mr Biju P Mani.

14. Academic Achievements (A short Description)

1. Ms Rani Jacob of M Com Dept cleared UGC-Net.
2. Mr Thomas Pattani of M Com Dept attended one week TDP programme in NIIT Calicut.
3. Dr Chackochan Njavallil is working on a major research project awarded by the UGC. The title of the project is “An evaluation of the training in the cooperative in Kerala”.
4. The Indian Council of Social Science Research (ICSSR) has selected the adapted PhD thesis of Dr Chackochan Njavallil to be published in the book from under its prestigious “Book Publication Grant” Scheme by the letter dated 08-05-2012.
5. Mr Jinu Mathew B Com Dept qualified UGC-NET and is pursuing PGDIM from IGNOU.
6. Ms Raji R Nair of MCA Dept completed M Tech.
7. Sr Regina SABS, Ms Reny Jose, Mr Robins A Kattoor and Mr Sibi Jacob of MCA Dept are pursuing M Tech
8. Mr Santo Cherian of BCA completed M Tech Computer Science from MS University Thirunelveli, Tamilnadu.
9. Ms Lumy Joseph and Ms Juby George completed M Phil in Computer Science from Bharathiar University, Coimbatore
10. Fr Alex T Vellappally participated and received SUDC Substance Use Disorder Counselor Certificate offered by the University of Utah, USA.
11. Dr Cherian P Kurien of Social Works Department is the Associate Editor of Acumen: The Journal of Social Work. He drafted Voluntary Sector Policy and submitted to Directorate of Social Welfare.

15. Student Achievements-Academic (A short Description)

1. Ms Anu Treesa Geroge of 2012 M Com batch secured 3rd rank in the university exam.
2. Students of 2009-2012 BCA batch got 100% pass in the CBCSS examination.

3. Keerthana Roy, Sr Valsala and Ginoy George of MMH stood first, second and third respectively in the university exam.

16. Student Activities/Achievements-(Extra Curricular)

(a)NCC:

- The annual enrollment of students to the NCC for the year 2012 took place on 17/07/2012 in the campus.
- Independence Day was observed on August 15 by the cadets. The National Flag was hoisted by the principal and a message was delivered by the manager Fr Ruban J Thannickal.
- Environment week: The world Environment Week was observed on the campus from 10/09/12 to 15/09/12. Several saplings were planted and a poster- designing competition, were conducted in this regard. The cadets organized a rally, performed a street play and held a slogan writing campaign.
- Earth Hour: The NCC cadets switched off the electric bulbs in their homes from 8:00 pm to 8:30 pm on 12/09/2012 in observance of Earth Hour.
- RDC Selection trials: 7 Cadets from our college participated in the RDC selection trials Camp conducted at the Revenue Tower, Changanassery from 10 to 12 August 2012.
- Eco Awareness Drive: The cadets actively participated in the Eco-awareness drive “My Earth My Duty” held in co-ordination with Zec Network. The cadets took part in the painting competition held in this respect.
- The Combined Annual Training Camp was held on the Marian Campus from 22 to 31 December 2012. The total strength of the camp was 230. Two first year and one second year cadets of the college participated in the camp.

(b)NSS:

1. Orientation Programme: Marian NSS unit had conducted an Orientation Programme for new volunteers on 4th August 2012. The programme was inaugurated by Dr Ruble Raj, Principal, Marian College. Orientation class was given by Mr Lipson (coordinator), Mr Ajesh P Joseph (Asst. Professor, MSW Dept, Marian College). All new NSS volunteers participated in the camp.

2. NSS Mega Camp at Karunapuram. About 1500 NSS volunteers of 11 colleges of M.G University and NSS volunteers of N. R. city S.N.V.H.S.S participated in the inaugural ceremony at S.N auditorium Koottar. There was a procession of NSS volunteers from Koottar Panchayath stadium to S.N auditorium Koottar. The function was inaugurated by the respected Member of Parliament Adv. P. T. Thomas, the presidential address was given by Smt Marykutty Joseph, Kaunapuram Panchayath President. On this occasion, MP named the new Koottar bus stand as “Mahatma Gandhi NSS Mega Camp Memorial”, he also granted 10 lakh rupees for the building up of bus stand.

Gandhi Jayanthi celebrated on 2nd October 2012; Marian NSS unit in association with DTPC Idukki organized a “Clean Destination Drive “ at Parunthupara. On the same day 5 NSS volunteers participated in the seminar conducted at Newman College, Thodupuzha.

(c) Arts Festival

- Mr Crato Tony of Marian College represented MGU and stood first in the English elocution and third in the debate completion held between 15 and 19 December at the 28th South Zone Inter-University Youth Festival in Gulbarga.
- Marian Cultural Forum: The club deals with the cultural activities, extra-curricular activities, College Day and other events in the college. The inauguration was done in 2012 by Mr Asif Ali. Debate Competition was held between I year UG students and II year UG students.
- School of Social Work organized an intra collegiate Malayalam elocution competition “Galvanizer’12” on the theme Child Rights on February 8th, 2012
- Smrithi –A cultural fest was organized by the School of Social Work in December of 2012.
- Navigator ’12: The most exciting fest of Marian College Kuttikkanam NAVIGATOR’12 conducted by the BCA department of the college was held on 26th and 27th of September, 2012. Adv Joy Abraham, Member of Parliament, Rajyasabha inaugurated the function. The fest hosted 12 events in which more than 800 students from different colleges participated.
- Radiance ’12: The BBA 2010-13 batch of Marian College Kuttikkanam, the Erudites along with the help of the respective junior BBA batches the Zapionz (2nd BBA) and the Spartanz(1st yr) conducted the Intercollegiate Management Fest. 416 students from nearly 27 colleges participated for the fest. Colleges from all over the

state like Rajgiri College of Management, DCSMAT, St Thomas college, S.H Thevara, AmalJyothi, Mar Baselious College of Engineering, Assumption College etc. took part. The overall championship was bagged by DSCMAT Vagamon.

(c) Sports & Games

Basketball Team

1. Winners in the senior Idukki District BB Championship
2. Winners in All Kerala Inter- Collegiate Basketball Tournament for Baselius College Kottayam.
3. Jaimon Francis of III B Com selected as the MG University BB Team for the All India Inter-University BB Tournament
4. Jomon Jose I B Com was selected in the university Kerala State Senior Basketball Team

Power- Lifting Competition

1. Lino Jose I MSW
Second Prize in 74 Kg category in MGU Power-lifting Championship
2. Sreekumar K BCA
Third prize in 120+ category in the MGU Power-lifting Championship

Weight Lifting

1. Reethu Ann Joseph of III BCA
Third position in MGU weightlifting championship held at Maharaja's College, Ernakulum.

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

1. Marian College was selected by Tata Consultancy Services (TCS), India's biggest IT Company as their campus partner. By this Tie Up, TCS will conduct several on-line exams at Marian College, Kuttikkanam like IBPS, Campus Recruitment etc. The agreement was signed on Nov 16th, 2012.
2. The placement Division of Marian College initiated the development of Placement Officers Kerala, a Group of 252 placement officers from Different B Tech / MCA colleges in Kerala.

3. M Com Dept with PDS Organic Spices exporting firm, Sahyadri Co-operative Bank and Lunar Group.
4. MCA Dept with IPSR Solutions, Kottayam
5. MMH Dept has Linkages with local self government bodies and tourism related industries

18. Academic Tie-ups (If any)

1. BBA Dept has tie-up with Career Launcher Thodupuzha for CAT coaching
2. M Com Dept has tie-up with Nortech, Cochin for SAP Business One model training
3. B Com Dept has tie-up with Tally Academy
4. Department of Social Work has a tie-up with Ryerson University, Canada.

19. Student Progression

1. Mithesh Madhavan started PhD work in Kerala University with scholarship

20. Campus recruitment (if any)

Sl.N	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Wipro Technologies	360		35	
2	Infosys Technologies	400		55	
3	UST Global	450		18	
4	OPI Global	175		12	
5	Sutherland	125		8	
6	South Indian Bank	120		8	
7	Infosys BPO	240		45	

21. 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.	Mr Philip Mathew K M	Engendering Poverty Eradication-A Study on Local Enterprises Established Under Kudumbasree Mission in the Context of Decentralized Governance and Local Development	Dr Cherian P Kurien
2.	Ms Seena Abraham	Social Work Intervention for Quality of Life- A Pre Post Analysis with Psoriasis Patients in Central Kerala	Dr Jose Antony
3.	Mr Rajeev S P	Psycho Social Intervention for Family Empowerment of Plantation Workers	Dr Jose Antony
4.	Ms Mayamol T R	Social Etiology, Manifestations, Consequences and Management of Emerging Infectious Diseases	Dr Jose Antony

23. List of Research Guides in your college (with e-mail and website)

www.mariancollege.org

1. Dr Cherian P Kurien

Email: mawdirector@mariancollege.org

2. Dr Jose Antony

Email: josearickal@gmail.com

MARIAN INTERNATIONAL INSTITUTE OF MANAGEMENT

1. Name of the College : Marian International Institute of Management

director@miim.ac.in

www.miim.ac.in

2. Name of Principal : Dr. P.V. Mathew

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	12	4	Nil	Nil	16
Non Teaching	6	1	Nil	Nil	7

4. Courses Offered with Number of Seats

MBA – Intake 120

5. Student Intake, those Appeared in the Examination

MBA II Year – 55 students

Second year students appeared in the 1st and 2nd semester examinations

MBA I Year – 112 students

6. Library

a. Total Number of Books : 2679

b. Total Number of Journals : 37

c. Total Number of Periodicals : 11

d. Number of titles added during the year – 200 (720 Volumes)

7. Seminars Conducted

a. National Level : South Indian Management Fest, Two day event conducted on 10th & 11th December 2012.

8. Seminars Conducted by Faculty

a. International Level: International Symposium in Service Management scheduled to be conducted during 2nd to 6th July 2013 in collaboration with SERI, USA.

9. Students Activities / Achievements

Sl.No	Event	Venue	Date	Participants	Prize / Position
01	Treasure Hunt	Sargasadhana 11- St. Josephs College of Engineering &	2 nd & 3 rd November 2011	Mathewkutty Tom Mobin Biju	First

		Technology Pala		Jiby Mathew	
02	Marketing Game	-do-	-do-	Melwyn Jose Jacob Jason Neenu Rani Joseph Tessa David	Second
03	Marketing Game	Simthesis' 11 – Saint Gits Institute, Kottayam	4 th & 5 th November 2011	Mathewkutty Tom Melwyn Jose Neenu Rani Joseph	Second
04	Buddy Manager	Inflore'11 – Rajagiri Business School, Cochin	17 th – 19 th November 2011	Deepa Varghese	First
05	Treasure Hunt	SJCTE Palai	19 th & 20 th October 2012	Nithin Antony Febin Feroz Noushad Tony Jose	First
06	Best Manager	Sree Narayan Guru Institute of Science & Technology Ernakulam	19 th & 20 th October 2012	Aravind Mohan	First
07	Marketing Game	-do-	-do-	Jimmy k Siby Jerry Jose Tom D Arjun Ravi	First
08	Unique Game	Albertian Institute of Management Ernakualm	-do-	Boney Joseph Anu Babu Jithin Mohan das	First

09	HR Game	CUSAT	2 nd to 4 th November 2012	Sumesh Jose Maggie Anthony Fernandez Teena Jyothi Thomas Deepa Varghese	First
10	Marketing Game	AGORA'12 – Ilahia School of Management Studies	5 th & 6 th November 2012	Ajin S kumar Aju K Raju Josemon Varghese Melwyn Jose Varghese	Second
11	HR Game	RAMS Institute Kochi	29 th & 30 th November 2012	Akhil Paul Thomas Nabeel Ali Primy Prince Deepa A Koshy	Second
12	Ad – Marketing	-do-	-do-	Jerry Jose Jaison Jose Jibil Lal Tibin Thomas Santhosh K.S	Second
13	HR Plan	Forum 12 – FISAT Business School	18 th December 2012	Maggie Anthony Jithin Mohandas	First

10. Industry, Varsity Linkage

Institute has established a Top Management Interaction Forum under which the following top management personnel from the industry conducted seminars and interactive session during last year:

1. Mr. Issac Joseph Kottukapilly, MD, Lunar Rubbers, Thodupuzha

2. Dr. Mendus Jacob, CEO, IPSR Solutions, Kottayam
3. Mr. Joseph Philip, Founder CEO, Skyline Builders, Cochin
4. Mr. Deepak L Aswani, M.D, Lachman Das & Co and Former President, Cochin Chamber of Commerce and Industry
5. Dr. P.R. Chandramohanam, Senior Vice President, V.Guard Industries.
6. Mr. Rajive N.P, Dean, Hedge School of Applied Economics, Cochin
7. Mr. A.K. Mathew, G.M, Kitex Limited, Cochin
8. Mr.Sathish Murthi & Mrs. Uma Murthi, Senior Partners, Murthi & Murthi International Law Practice, Cochin
9. Mr. Joseph Kallivayalil, MD, Glenrock Rubbers
10. Dr. K. Babu Joseph, Former Vice Chancellor, CUSAT

11. Academic Tie – Ups

The following international Visiting Professors conducted seminars in the Institute during last year:

1. Mrs. Ebba Karina Sander – MBA
CEO, SANDER – SUCCESS, Management Consultants, Germany
2. Dr.(Mrs). Anupama Kothari, PhD,
Robert H Smith School of Business,
University of Maryland
3. Dr. Kunal Kothari, PhD,
Research Scientist, Techno Sciences Inc.
Maryland USA & Visiting Professor at Maryland University USA

12. Campus Recruitment

Just commenced for the second year MBA students Kotak Securities, Mumbai – No of students selected – 3 Men

Other reputed companies are expected to visit the campus for placement shortly

13. List of Research Guides in your College

The Institute has four senior faculty members with PhD. Only Dr. M.S. James is an approved Research Guide of M.G. University (james@miim.ac.in). Others are yet to be approved.

MAR BASELIOS INSTITUTE OF TECHNOLOGY AND SCIENCE (MBITS)

1. **Name of the college** : Mar Baselios Institute of Technology and Science[MBITS]

E mail : info@mbits.edu.in , Website : www.mbits.edu.in

2. Name of the Principal :Dr. Paulose M M

3. Staff Profile

	Men	Women	Scheduled Cast	Scheduled Tribe	Total
Teaching	45	47	01	-	93
Non Teaching	34	25	01	-	60

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	
	men	Women		men	Wom en		men	Wom en		men	Wo men
B.Tech	746	413	M.Tech	19	4	Nil			Nil		

5. Details of Tests cleared by students :

Sl. No.	National Level	State Level	
01	91 students of final year appeared for Nac – Tech (Nasscom assessment of completnce Technology) and obtained score cards.	-	-

6. Library

- a. Total No of Books : 10,373
- b. Total No of Journals : 46
- c. Total No of Periodicals : 11
- d. Number of titles added during the year : 55

MEDICAL TRUST COLLEGE OF NURSIGN, IRIMPANAM

1. Name of the College : Medical Trust College of Nursing, Irimpanam

e-mail : mtcon@vsnl.net

website: www.medicaltrusthospital.com

2. Name of the Principal

: Prof. Anuji Mary Philip

3. Staff Profile

Staff profile	Men	Women	Scheduled caste	Scheduled tribe	Total
Teaching	--	25	1	--	26
Non Teaching	10	8	--	--	18

4. Courses offered with number of seats

Under graduate	Number of seats	
	Men	Women
B.Sc Nursing		
1 st year	2	58
2 nd year	0	58
3 rd year	1	58
4 th year	2	47
P.B.B.Sc Nursing		
1 st year	0	30
2 nd year	0	29

5. Student intake

Under graduate	Appeared	Passed	Post graduate	Appeared	Passed

	M	W	M	W		M	W	M	W
B.Sc Nursing				M.Sc Nsg					
2011 admission	0	58	Result awaited		2011 admission	0	5	Result awaited	
2010 admissions	1	58	Result awaited		2010 admissions	0	5	Result awaited	
2009 admissions			Awaiting for III & IV yr exam						
2008 admissions									
P.B.B.Sc Nsg									
2011 admission	0	28	Result awaited						
2010 admissions	1	25							

6. Library

- (a) Total number of books : 2547
- (b) Total number of journals : 16
- (c) Total number of periodicals : 4
- (d) Number of titles added during the year : 148

7. List of Research Guides in your College (with e-mail and website) :

1. Prof Maya P. Joseph
2. Mrs. Veena R.
3. Mrs. Jisha Jose M.

MES COLLEGE OF ENGINEERING AND TECHNOLOGY, KUNNUKARA

1. **Name of the College** : MES College of Engineering and Technology,
Kunnukara

e – mail : mescet@yahoo.com, website:

mescet.ac.in

2. **Name of the Principal** : Dr. K. Hariharan.

3. Staff Profile

	Men	Women	Scheduled Cast	Scheduled Tribe	Total
Teaching	11	18	Nil	Nil	29
Non Teaching	10	1	Nil	Nil	11

4. Courses Offered with Number of seats

Under Graduate	Number of Seats	
	Men	Women
Civil Engg.	60	
Computer Science & Engg.	60	
Electronics & Communication Engg.	60	
Electrical & Electronics Engg.	60	
Mechanical Engg.	60	

5. Student Intake

Intake, those Appeared in the Examination and Passed M-Men, W-Women				
Under Graduate	Appeared in 1 st & 2 nd sem Exam		Passed	
	M	W	M	W
Civil Engg.	9	9	Nil	1

Computer Science & Engg.	5	3	Nil	Nil
Electronics & Communication Engg.	4	7	Nil	2
Electrical & Electronics Engg.	1	Nil	Nil	Nil
Mechanical Engg.	44	Nil	3	Nil

6. Library

- (a) Total No. of Books : 5050
 (b) Total No. of journals : National – 30, International – 15, e –journal -3.
 (c) Total No. of periodicals : 5
 (d) Total No. of titles added during the year : 1218

7. Publications by the faculty with impact factor of the publications (A Short Discription)

- (a) Nishad T M (i) A Series of books
 (ii) International Journals : 3 nos (Impact Factor : 1.4)
 1. Strong graphs, its properties and some families of strong graphs.
 2. Application of strong graphs in wireless Networks.
 3. Strength and weakness of labeled.
- (b) C K Georgr Kutty (i) International Journals 4 nos (Impact Factor : Above 1)
 1. A method for optimization of materials in construction projects
 2. Synergic impact on Slippage, Cost and time in construction projects
 3. Research methodology for optimization of cost and time in construction projects.
 4. Hall Marks in construction Materials Management :
 A LITERATURE REVIEW
- (c) Jijoy P Mathew (i) Inter National Journal : 1 (Impact Factor 1.6)
 1. Effect of Post Thermal Annealing on the Structural and Optical Properties of ZnO Thin Films.
- (d) Arun P (i) Inter National Journal : (Impact Factor.8)

1. Reliable self tuning fuzzy logic controller for water bath system

(e) Safeena M K (i) Paper Presented in conference : 1

8. Research Highlights of Faculty/Scholars (A Short Discription)

Jijoy P Mathew : Registered in MG University as a full time Research Scholar in 2008.

(Focus on the effect of annealing and doping concentration on the structural and optical properties of transaction metal doped ZnO thin films)

C K George Kutty : Registered for PhD in cusat and ready to submit the thesis.

9. Academic Achievements (A Short Discription)

Jijoy P Mathew : received from MG University merit scholarship 2003-2005.

10. List of Research Guides in your College (With e-mail and website) :

1. Dr. K Hariharan

e-mail : drhariharank@gmail.com

MORNING STAR HOME SCIENCES COLLEGE, ANGAMALY SOUTH

1. Name of college : Morning Star Home Science College,
AngamalySouth (PO), Ernakulam, Dit. Pin.683573
morningstarhomescience.org

e-mail- morningstarangamaly@yahoo.in

2. Name of the principal : Dr. Sr. Alphonsa M.K

3. Staff profile

	Men	Women	Scheduled caste	Scheduled Tribe	Total
Teaching	-	32	Nil	Nil	32
Non Teaching	2	25	Nil	Nil	27

4. Courses Offered with Number of seats

Under Graduate	No.Of Seats		Post Graduate	No.Of Seats	
	Men	Women		Men	Women
BSc FCs	-	24 + 7	MSc Home Science	-	12
Zoology	-	20 +6	Zoology (Self financing)	-	20
Chemistry (Voc)	-	24+ 7			
Physics (Voc.)	-	24 +7			
Economics	-	32+1 3			

5. Student Intake

Under Graduate	Appeared		passed		Post Graduate	Appeared		passed	
	M	W	M	W		M	W	M	W
BSc FCs		7		6	MSc Home Science		3		3
Zoology		16		16	Zoology (Self financing)		17		17
Chemistry (Voc)		20		20					
Physics (Voc.)		15		15					
Economics		35		34					

6. Details of Tests cleared by Students

Sl.No.	Name	National Level	State Level	
1.	Radhika .V.Nair - Physics	JRF		
2.	Sandhya K.R.- Chemistry	JRF		
3.	Vinitha K.B - Economics	NET		
4.	Manjusha .V -Zoology		CTET	

5.	Anju.M- Zoology		KTET	
6.	Manju.M- Zoology		KTET (UP)	

7. Library

- (a) Total Number of Books - 12017
- (b) Total Number of Periodicals - 30
- (c) Number of titles added during the year - 409

8. Grants Received

- (a) University Grant Commission 5,33,500.00

9. Projects Undertaken

(a.) Dr. Thresiakutty K.M ., Head , Department of Economics, has successfully completed and submitted the report of the minor research project titled ‘ A Study on Rejuvenation of Distressed Traditional Industries of Kerala with special reference to Bamboo Industry’ sponsored by UGC . A fund of Rs. 75000 was granted by UGC for the project.

(b) Dr. Ancy Thomas , Head, Department of Family and Community Science, received a grant of Rs. 2 lakhs from the UGC for the minor research project on ‘Dyeing of Silk Garments with Onion Peel to uplift the silk Sahrudaya Industries in Kerala.’

(c) Mrs. Lisue Xavier, Associate Professor, Department of Chemistry, received a grant of Rs. 1 lakh from UGC for the minor research project on ‘Chemical Modification of Starch and Characterization for Production of Biodegradable Plastic.’

10. Seminars Conducted

- (a) State level

Department of Family and Community Science

- A Computer Aided Designing Programme(CAD) on Interior Decoration was conducted on 20th January 2012.
- Grahadarshan- A state level training programme in remembrance of the services rendered by former Principal Rev.Sr. Loyola -was conducted on 21st January 2012. Seventy students from higher secondary schools attended the programme which was on fabric dyeing and printing.
- A three day class on Food Preservation in association with District Industrial Development Office was conducted from 22nd to 24th of February 2012.

Department of Zoology

- Suchithwa Bodhana Yajnam- a five year programme aimed at achieving a clean Ernakulam district- propounded by a group of environmental activists under the leadership of Fr. Dr. George Pittappillil, Director, Renewable Energy Centre, Mithradham-a journey on foot (padayathra) was conducted through important townships in Ernakulam district to give awareness to public. The padayathra started from Aluva on 1st January and reached Angamaly on 4th January 2012. The padayathra was followed by an awareness class and group discussion in Morning Star College on 4th January 2012.

Department of Chemistry

- Chethana- an endowment programme instituted by the staff to commemorate the services of Rev Sr. Lourdes, our former Principal and Head of the Department of Chemistry- was organized for the parents and students on 'Adolescence Management' by Dr. P. V. Joseph, Maharajas College, Ernakulam on 22nd February 2012. 45 parents and 60 students participated in the programme.

Orientation Programme

- Inter- collegiate orientation programme for teachers organized by Xavier Board was conducted in Morning Star College, Angamaly on 17th March 2012.

(b) National level

Department of Zoology

A two day UGC sponsored National Seminar on 'Life Style Diseases- An Emerging Issue' was organized by the department in collaboration with Sree Narayana Institute of Medical Sciences, Chalakka, Kuthiyathodu on 16th and 17th August 2012. Dr. Tomy Paul Kalapparambath, Assistant Clinical Professor, Radiology, Michigan State University, USA, Prof. Dr. Raju Antony, Head, Community Medicine, Sree Narayana Institute of Medical Sciences, Chalakka, Dr. Joe Thomas, Associate Professor, Community Medicine, Sree Narayana Institute of Medical Sciences, Chalakka, Dr. Sheeba Varghese, Assistant Professor, Department of Physiology, Sree Narayana Institute of Medical Sciences, Chalakka, Prof. Dr. Suchanda Sahu, Head, Bio Chemistry, Sree Narayana Institute of Medical Sciences, Chalakka, Dr. P. Gopalakrishnan, Associate Professor, Community Medicine, Sree Narayana Institute of Medical Sciences, Chalakka and Dr. Jaideep C. Menon, Cardiologist, Assistant Professor, Sree Narayana Institute of Medical Sciences, Chalakka were the resource persons.

(c) International level

Department of Economics

An International Seminar on 'Global Economy and Environmental Sustainability' was organized by the department on 23rd and 24th February 2012. Esperanza Estades, Provincial Superior, Idente Missionaries, Spain, Prof. Mathew M. Mukkattu, Former Professor, Fanshawe College, University of Western Ontario, Canada , Dr. N. Ajithkumar, Professor, Amrutha School of Arts and Sciences, Cochin, Dr. Francis Cherunilam, Professor, School of Management Studies, Cochin University of Science and Technology, Cochin and Dr. Luis Miguel Romero Fernandez, Former Vice- Chancellor of the Technical University of Loja and Permanent Ambassador, Ecuador were the resource persons.

Department of Family and Community Science

The department of Family and Community Science in association with Nippon Kerala centre conducted an international workshop on Ikbana and paper folding on 10th September 2012. The Government of Japan as part of its various programmes of co-operation with India had send Ms. Yoko Hayashi of the University of Kobe to Kerala to teach Japanese arts and crafts like Origami paper folding and Ikbana- Japanese flower arrangement. She also taught students a few greeting phrases which were commonly used in Japan.

11. Research Highlights of faculty/ scholars (A short Discription)

1. TOXICITY DUE TO COPPER AND ZINC ON THE FRESHWATER FISH PUNTIUS PARRAH (DAY ,1865)

Ciji P.P. Department of Zoology, M.S.H.S Angamaly

2. EFFECTIVE UTILIZATION OF PROCESSING TECHNIQUES ON NUTRITIONAL AND PHARMACOLOGICAL ACTIVITIES OF PUMPKIN SEEDS.

Shemi George, Department of Family and Community Science, M.S.H.S Angamaly.

12. Academic Achievements – Academic (A short Discription)

University Rank Holders

- Ms. Neethu K.N. got First Rank in Msc. FCS
- Ms. Rinu Aliyas secured Second Rank in BSc. Chemistry
- Ms. Anjaly Davis bagged Second Rank in BSc. Physics

13. Students Achievements–Academic (A short Discription)

Final Year University Examination Results

Subject	Students Appeared	Students Passed	A Grade	B+	B	C+	C	Failed
FCS	7	6			6			-
II nd MSc.FCS	3	3(First Class)						-
Zoology	16	16	1	4	7	3	1	-
IInd MSc. Zoology	17	17 (First Class)						
Chemistry	20	19		4	13	2		1
Physics	15	15		4	10	1		-
Economics	35	34		2	10	13	9	1

- The students of PG Family and Community Science participated in the state level poster competition conducted by the Dietary department of General Hospital, Ernakulam and won first prize.
- The students of the Department of Family and Community Science participated in the Inter-collegiate and inter-state level cooking and flower arrangement competitions held at Naipunya College on 20th September 2012. Ms. Anju Krishna bagged the prize for best starter. Ms. Iyrine B.Menachery won the third prize in cooking competition and Sr. Sona Mathew won third prize for flower arrangement competition.

14. Students Activities / Achievements- (Extra Curricular)

(a) National Service Scheme

Two NSS Units consisting of 200 volunteers took part in multifarious activities during the period. Major events were:

- ‘Share a Meal Project’ – ‘Pothichor’ was inaugurated on 6th January 2012. 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.
- World Environment Day was observed on 4th June 2012. Prof. Dr. S. Sitharam, Head Department of Science and Humanities, Adi Sankara Institute of Engineering and Technology, Kalady was the resource person. ‘Haritha Keralam’-Saplings were distributed among students.
- Eye testing camp was conducted in association with Girithar Eye Institute, Kadavanthra and OISCA International, Nedumbassery Chapter on 13th July 2012.
- Legal awareness class was organized for the students on 11th September 2012. Adv. Sajan V.M, Adv. Anjaly and Adv. K.K. Sheeba were the resource persons.
- NSS volunteers participated in Obama – Singh agreement conference at St. Teresa’s College, Ernakulam on 11th September 2012.
- Ms. Chinnu Jose and Ms. Rosemary Jose participated in the Inter-collegiate camp held at D .B College, Keezhoor.
- Ms. Vidhya K.P. and Ms. Shinitha Shaji participated in the Ryla camp at Santhigiri Ashram, Kunchattukara, Edathala, Aluva.
- NSS Volunteers participated in ‘Manava Karunya Yatra’ by Fr. Davis Chiramel, Chairman, Kidney Foundation of India and handed over the organ donation membership forms.
- Special camp was conducted from 23rd to 29th August 2012.
- Free Dental check up camp was organized in association with Amrutha Institute of Medical Science, Edapally.
- Vocational training programme (Ornaments making) was organized to the people in adopted village.
- Various awareness class on e –waste management, energy conservation, cyber law, fire and rescue etc. were also conducted.
- Aids day was observed on 1st December 2012. Thomas Wilson, coordinator (KSACS), Alappuzha was the resource person.
- Mini camp was conducted on 15th December 2012. Dr. Thresiakutty K.M. and Sr. Anupama were the resource persons.
- ‘Zamman’- stationery items were collected from teachers and students and handed it over to an orphanage as a X’mas gift.

(b) Arts Festivals

- The college hosted Mahatama Gandhi University drama festival on 15th and 16th February 2012.

- Arts festival – ‘Mayukha 2012’ was conducted on 13th and 14th December 2012.
- Christmas was celebrated with great merriment on 21st December 2012. Competitions in Skit and Carol singing were conducted.
- The college hosted silver jubilee celebration of Sri. Kamal – Film Director – Twenty five years of success in Film Industry.

(d) Sports.

- Annual Sports Day was conducted on 3rd February. Ms. Anjaly Johh became the Individual Champion.
- Aerobic dance was introduced to boost the physical fitness of our students. Students as well as outsiders make use of these facilities.
- A full fledged yoga centre and fitness club has been functioning in this college since 2004.

15. Industry Varsity Linkage (If any, Short Discription)

- Department of Economics organized a two day International Seminar on ‘Global Economy and Environmental Sustainability ‘in association with Mahatma Gandhi University, Kottayam on 23rd and 24th February 2012.
- Department of Zoology organized a two day national seminar on ‘ Life style Diseases – An Emerging Issue ‘in association with Mahatma Gandhi University, Kottayam on 16th and 17th August 2012.

16. Academic Tie-Ups (if any)

- Students of BSc. Chemistry are in linkage with TCC Aluva for job training.

17. Student Progression

(eg: Former student cleared civil services, joined MIT, post docrdal fellowships)

- Former student, Radhika V.Nair, Department of Physics, joined for research in IIT Madras.
- Former student , Neema Mathew, Department of Chemistry, joined INFOSYS in Bangalore.
- Sr. Naveena, Department of Zoology, awarded Ph.D from Mahatma Gandhi University Kottayam.

18. Campus Recruitment (If any)

Sl.No.	Name of the firm	No. of Students Attended	No. of Students Selected

1.	WIPRO	M	W 60	M	W 7
2.	INFOSYS				1

19. List of Research Guides in your college (with e-mail and Website)

- Dr. Ancy Thomas, Department of Family and Community Science

ancy.s@rediff.com

Web. www.morningstarhomescience.org

MALANKARA ORTHODOX SYRIAN CHURCH COLLEGE OF NURSING,
KOLENCHERY

1. **Name of the College (With e-mail and website)** : Malankara Orthodox Syrian Church
College of Nursing, Kolenchery

E-mail address : conmosckol@gmail.com

Website : www.moscon.org

2. **Name of the Principal** : Prof. Susamma Thomas

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	23	Nil	Nil	26
Non Teaching	2	9	Nil	Nil	11

4. Courses Offered with Number of seats

Under Graduate	Number of Seats	
	Men	Women
Final B.Sc. (2008 Batch)	1	49
4 th B.Sc (2009 Batch)	-	49

5. Student Intake

Under Graduate	Appear ed		Passed	
	M	W	M	W
4 th year B.Sc.	-	46	-	43
3 rd year B.Sc.	2	52	2	44
2 nd year B.Sc.	1	57	1	44

6. Library

- (a) Total Number of Books : 3232
- (b) Total Number of Journals : 20 (Indian – 15, Foreign – 5)
- (c) Total Number of Periodicals : 4
- (d) Number of titles added during the year : 47

8. Projects Undertaken

Basic Life Support Training

A training programme on BLS is being provided by AHA certified trainers to our final year Post Basic B.Sc. Nursing and final year B.Sc. Nursing students. This training imparts BLS skills to nursing students which are of great use in their career ahead. The certificate provided has two year validity.

Research

Second year Post Basic B.Sc. Nursing students have done a research of Diabetes Mellitus, Maneed Grama Panchayat ward No. 10. They have done a survey work based on the risk factors for developing Diabetes Mellitus. It is found from the survey that more than 60 % non diabetic people have risk to develop the Diabetes Mellitus.

9. Paper Presentation

Mrs. Renju Sussan Baby, Associate Professor presented a scientific paper titled “Assessment of attitude towards suicide attempt and suicide attempters among nursing students and registered nurses in selected medical college, Kerala in the 10th National conference of ISPN (Indian Society of Psychiatric Nurses) which was held from 10th to 12th March 2012 at HIHT University, Dehradun.

10. Research Highlights of Faculty / Scholars

a. Prof. Susamma Thomas, Principal

National Consortium for PhD in Nursing by Indian Nursing Council affiliated to RGUHS, Karnataka

Research Topic: A study to assess effectiveness of parent preparedness programme on father knowledge and involvement, and selected outcome of childbirth among parents of first born child.

b. Mrs. Renju Sussan Baby, Associate 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.

c. Mrs. Soney M. Varghese, Associate Professor

Annamalai University, Chidambaram

Research Topic: Study to assess the effectiveness of Nurse led interventions and laughter therapy on psychosocial aspects among elderly.

d. Mrs. Namitha Subrahmanyam, Associate Professor

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.

11. Academic Achievements

Ms. Minty Mathew has secured 2nd Rank for Final year B.Sc. Nursing by M.G. University.

12. Students Activities / Achievements

(a) National Service Scheme (N.S.S.)

i. Health educational programme

The N.S.S. unit of M.O.S.C. College of Nursing organized many health educational programmes in Vadavucode. It mainly focused on life style changes and impacts on health.

ii. School and Anganwadi Health Awareness programmes

The unit conducted various health awareness programmes in different schools and anganwadies like Vadavucode Govt. U P School, Ramamangalam Govt. L P. School, Maneed, Govt. L. P. School, Kizhumury anganwadi, Vettithara anganwadi.

iii. N.S.S. Seven day special camping programme

This unit arranged N.S.S. Seven day special camping programme at Govt. L.P. School in Maneed on 23rd April to 29th April 2012. The volunteers received unique experience from this programme.

iv. World T B day celebration

The unit observed world T. B. Day celebration on 24th March 2012. As the part of programme, the unit organized a street play on prevention of Tuberculosis. After that, we did a rally in maneed area.

v. Blood group detection programme in Vadavucode U.P. School on 5th January.

The unit organized a blood group screening programme at Govt. U.P. School Vadavucode. 300 school students detected their blood group.

vi. Free Medical Camp

The unit conducted a free mega Medical Camp in Maneed on 29th April. Different medical departments rendered their services at total free of cost. 250 patients took benefit from this. As that part of medical camp, a blood sugar estimation also conducted at free of cost.

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.

13. Academic Tie-Ups (if any)

We have tie up with Caritas Hospital, Kottayam and Amala Cancer Hospital & 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.

MUSALIAR COLLEGE OF ENGINEERING AND TECHNOLOGY

1. Name of the School/

Department (with e-mail and website) : Musaliar College of Engg. & Technology

www.musaliarcollege.com

principal@musaliarcollege.com

2. Head of the School/Department

: Dr. V.V.KARUNAKARAN

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	67	91	3	NIL	158

Non Teaching	43	16	1	NIL	59
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4. Courses Offered with Number of seats

Under Graduate	Number of Seats (including fee waiver + lateral entry)		Post Graduate	Number of Seats	
	Men	Women		Men	Women
Civil			MBA		
1 year	34	22	1 year	38	21
2 year	32	29			
3 year	47	21	2 year	30	21
4 year	43	28			
Mechanical			MCA		
1 year	119	0		10	21
2 year	114	0			
3 year	114	3			
4 year	71	0			
EEE			M		
1 year	27	6	TECH	6	1
2 year	45	11	CIM		
3 year	52	6			
4 year	55	12			
ECE			M		
1 year	20	45	TECH	4	14
2 year	29	52	VLSI &		
3 year	40	73	Embedd		
4 year	65	36	ed		
			Systems		
CSE			M.TEC		
1 year	26	22	H	2	16

2 year	16	19	COMP		
3 year	24	33	UTER		
4 year	17	36	SCIEN CE		

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
CE				
1 st year	34	22	10	14
S4	32	29	8	11
S6	47	21	8	19
S8	43	28	10	13
ME				
1 st year	119	0	33	2
S4	114	0	13	0
S6	114	3	25	0
S8	71	0	40	0
EE				
1 st year	27	6	20	2
S4	45	11	7	5
S6	52	6	22	21
S8	55	12	17	16
EC				
1 st year	20	45	11	44
S4	29	52	5	33
S6	40	73	21	36
S8	65	36	30	42

CS				
1 st year	26	22	3	6
S4	16	19	9	21
S6	24	33	8	21
S8	17	36	6	47

6. Library

- (a) Total Number of Books : 15900 (3635 Titles)
- (b) Total Number of Journals : 65
- (c) Total Number of Periodicals : 45
- (d) Number of titles added during the year : 800

7. Grants Received From

- (a) State Government : SC-ST Scholarship – 15
Merit come Means – 18
Central Sectors Scholarship - 2

8 Projects Undertaken

- 1, GPS tracking system for Pathanamthitta RTO office for tracking the GPS equipped vehicles by Prof.Sunil Thomas Karickom and Prof. Marvin Philip Paulson.
- 2,Prof. Sreejakunjamma undertaken the project Study of effectiveness of earned value management in construction projects, sand auditing of Achencoil river,planning and scheduling of multi storeyed building projects using Primavera software.
- 3, Prof.Lincy Koshy undertaken the project Finite element analysis of large panel systems,analysis and design of mutistorey hospital.
- 4,Prof. Anjali V undertaken the project upgradation of kompanly-mukkuzhy road ranni, traffic improvement measures for pathanamthitta central junction.
- 5,Prof. Sivakumar undertaken the project for Sand Auditing of achenkovil river.
- 6, Prof.Subha lekshmi undertaken the project for Road Safety auditing of Kottayam-Kumily Road
- 7,Prof Adarsh R undertaken the project for Sand Auditing,Effluent treatment in cochin refineries

9.Seminars Conducted —

1 Prof Sreejakunjamma conducted a seminar on International Level Topic-Effectiveness of earned value management in construction projects, venue-"ICETT 2012"

10. Seminars Conducted by Faculty(Name wise –with details) —

(a) National Level

1 Prof.Soumyalata attended Short term training programme on “Recent Advances in alternate energy technologies” sponsored by Government of Kerala from 5th to 10th November 2012 at RIT Kottayam.

2 Prof.Soumyalata Paper presented on “Experimental investigation on turning parameters on workpiece hardness using Taguchi Method” on 8th and 9th June 2012.

3 Prof.Soumyalata Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

4 Prof.Madhu G presented on “Prediction of combustion characteristics of a typical biogas burner using CFD” in International Journal of Engineering Science and Technology (IJEST).

5 Dr. Paul A.J., Professor & Head published a paper on “Matrix based Cryptographic Procedure for Efficient Image encryption”, IEEE Explore digital library, ISBN: 978-1-4244-9478-1: Recent Advances in Intelligent Computational Systems (RAICS), 2011 IEEE, pp. 173–177.

6 Prof.SAJU A, Asso. Professor presented a paper on Bioinformatics opportunities: business models, trends and future” in the *International conference on the materials of the future* organized by Government Engineering College, Thrissur, Kerala

7 Prof.SAJU A, Asso. Professor Presented paper titled “The Human Cost of Technostress” in the national conference on technology Trends at St Gits College of Engineering and Technology, Kottayam

8 Prof.SAJU A, Asso. Professor Presented paper titled “Knowledge Management using computer based mapping tool for e-learning”, in the national Conference conducted by Kongu Engineering college ,Erode,TamilNadu.

8 Prof.SAJU A, Asso. Professor Presented paper titled “Modern Trends in Enterprise resource Planning”, national Symposium conducted by St.Joseph college of Engineering ,Pala,Kottayam,Kerala.

9 Prof. NISHI G.N., Asso. Professor i“ “Shift–and-add multiplier architectures”, Elsevier’s publishers- Procedia Engineering.

10 Prof. NISHI G.N., Asso. Professor “Modified low power shift and add multiplier”, Springer publications. *CNC 2012, LNICST pp. 172–178, 2012. Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 2012.*

11 Prof. ANU ABRAHAM, Asst. Professor published a paper on “A method for minimum range extension with improved accuracy in triangulation laser range finder”, ACM Publications, [ACWR '11](#) Proceedings of the 1st International Conference on Wireless Technologies for Humanitarian Relief, Pg: 115-121

12 Prof. RADHIKA RANI M V, Asst. Professor presented a paper on . “Noise insensitive fovea detection by a fast algorithm” Proceedings of national Conference organized by Dept of ECE, Tkm Institute Of Technology, Cheerankavu on 20th march 2012.

13 Prof. RADHIKA RANI M V, Asst. Professor presented a paper on. “Noise insensitive fovea detection by a fast algorithm” Proceedings of national Conference on current trends in computing organized by Dept of cs, Musaliar college of engineering & Technology on 1st and 2nd march 2012.

14 Prof. Lince Sunny Attended a workshop on “Thermodynamics” conducted by IIT Bombay from 11th to 21st December 2012.

15 Prof. Lince Sunny Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March

16 Prof. Ajai M Attended a workshop on “Thermodynamics” conducted by IIT Bombay from 11th to 21st December 2012.

17 Prof. Ajai M Paper presented in National Conference on “An autonomous Robot using optimum route planning using RFID image using GSOM segmentation” in Nov 2012.

18 Prof. Ajai M published in National Conference on “An autonomous Robot using optimum route planning using RFID image using GSOM segmentation” in Nov 2012.

19 Prof. Rajmohan C Attended a workshop on “Thermodynamics” conducted by IIT Bombay from 11th to 21st December 2012.

20 Prof.Rajmohan C Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

21 Prof.Ajmal S Attended a training at VSSC , ISRO Trivandrum from November 2011 to August 2012 in “ Structural load estimation of a generic launch vehicle.”

22 Prof.Ajesh Soman presented a paper on “Numerical analysis of high stiffness reaction wheel for inertial application in satellite” in 13th National Conference of Technological Trends.

23 Prof.Tony Gim K Attended a faculty development programme on Ansys at SaintGit’s College of Engineering and Technology.

24 Prof.Tony Gim K Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

25 Prof.Bibin Prasad Published a paper entitled “Numerical Analysis of forced convection heat transfer through channels” in International Journal Of Engineering Science And Technology (IJEST) in June 2012.

26 Prof.Bibin Prasad Published a paper entitles “CFD analysis of fluid flow and heat transfer in a conical spiral tube heat exchanger” in National Conference on Emerging Trends in mechanical engineering in March 2012.

27 Prof.Bibin Prasad Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

28 Prof.Anwarsha A Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

29 Prof.Anwarsha A presented paper in National Conference on “An autonomous Robot using optimum route planning using RFID image using GSOM segmentation” in Nov 2012.

30 Prof.Anwarsha A published Journal in National Conference on “An autonomous Robot using optimum route planning using RFID image using GSOM segmentation” in Nov 2012.

31 Prof.Smitha G Nair Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

32 Prof.Roshan T Ninan Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

33 Prof.Vishnuprasad V Attended “National Workshop on Intelligent Manufacturing” from 15th to 17th March 2012.

34 Prof Shyam B: published papers on IEEE Explore ,AET International Journal ,CEE International Journal ,Bonfring International Journal

35 Prof.Marvin Philip Polson published paper on Ontology Creation and Sematic web in IJCA with IF 0.86.

36 Prof.Marvin Philip Polson attended a workshop on Entrepreneur skill development in students conducted by Oracle Academy Program.

37 Prof.Shamna S attended a workshop on cloud computing conducted by TKI college of Engineering, Kollam on 9th March 2012.

38 Prof.Marvin Philip Polson registered Incubation Space for final year B.Tech students at startup village.

39 Prof.Marvin Philip Polson assisted final year CSE Students in the development of a GPS vehicle tracking website for Road safety council(RT OFFICE ,PTA).

40 Prof.Ansari R published second edition of Fundamentals of Electronics and IT textbook for first year B.Tech students.

41 Prof. Femi susan Babu attended a national seminar on the life and contradiction of Prof Sreenivasa Ramanujan form 23/03/2012 to 24/03/12 at S.B College, Changacherry

42 Prof. Girija Devi R attended a national seminar on the life and contradiction of Prof Sreenivasa Ramanujan form 23/03/2012 to 24/03/12 at S.B College, Changacherry

International Level

1 Prof. Sreejakunjamma_International conference on emerging technology trends on advanced engineering research."ICETT"2012

2 Prof. Sivakumar presented a paper on UGC sponsored international conference on sustainable management practices

3 Prof. Sivakumar presented report on river mapping & sand auditing indicatong the measure of sand & environmental features of Achenkovil River

11.Academic achievements: (Faculty) —

1. M.Tech I Rank in Guidance and Navigational Control (Kerala University)-Shimi Mohan
2. M.Tech II Rank in Power Systems (M.G. University)-Vidhya Kuruvilla
3. M.Tech II Rank in Power Systems (M.G. University)-Abhilasha

12.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
2	Allsec Technologies	109	56	45	23
3	Abbasoft Technologies	45	34	6	4
4	Shristi Innovative Solutions	87	90	3	6
5	Kochar Infotech	23	45	2	1
6	NIIT	34	18	2	1
7	Dubex Constructions	15	4	2	0
8	Gem Technologies	45	67	3	1
9	B.U Engineering and Constructions	78	0	6	0
10	Sutherland	17	6	3	1

13.Number of PhD's Awarded so far —

- 1,Dr Paul A.J Awarded P.hD in computer cryptography from cochin university .
- 2,Prof.Vinod V.P.: Doing Ph.D. in Direct Torque Control of Induction Motors using Neural Networks

“ An Approach towards the Development of an Efficient Symmetric Key Encryption Scheme.”

14. Student Activities/ Achievements (Extra Curricular)

- i. “Wireless Communication between Vehicles on Road” – An innovative project to communicate the intentions of the driver in one vehicle to the drivers in the nearby vehicles, done by Vaisakh Nataraj of 2009-2013 Batch.

- ii. “Development of a prototype Rubber tapping machine” – by Sayyid Nooh K.P of 2009-2013 Batch.

15. Alumni Activities (with e-mail and website)

Website: www.musaliarcollege.com/alumni

Email: alumni@musaliarcollege.com

NATIONAL COLLEGE FOR TEACHER EDUCATION

1.Name of the College (With e-mail and website): National College for Teacher Education

Web SITE: www.nationalcollege.edu.in

Email: nationalcollege09@gmail.com

2.Name of the Principal

:Dr.N.M.Madhavan

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	9	1	-	13
Non Teaching	2	5	-	-	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.Ed	Total 100		M.Ed	Total 35		-	-	-	-	-	-

		35							
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5.Details of Tests cleared by Students

Sl.No	National Level	State Level	
1.	JRF Cleared by One student	SET qualified by one student	2

6.Library

- (a) Total Number of Books :5474
- (b) Total Number of Journals :13
- (c) Total Number of Periodicals :8
- (d) Numer of titles added during the year :128

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

(a) State Level : i) State level seminar on “Ancient Indian Philosophy delivered by Dr. Ramakrishna Bhatt, Retired Dean & Professor, Sanskrit University

ii) Seminar on Demonstration in Para Psychology given by

Dr. P.K Sudheesh , Kannur University

iii) Seminar on Vedasta and its influence on Modern Indian ducation, Dr.B. Chandrika, Professor, Department of Vedanta Sanskrit University

8.Publications by the Faculty with Impact

Dr. Alka M.A & Minikutty (2011, Metacognition Among Secondary School Students, Endeavour's in Education Volume 2, January, 2011 PP 44-49 ISSN 0976-4275

9. Research Highlights of Faculty

: a) Dr. Achamma P Mathew H.O.D, M.Ed

Participated in the workshop on reified M.Ed curriculum organized by school of Pedagogical science in M.G.University, uided 7 M.Ed theses.

: b) Dr. Alka M.A Reader, M.Ed: Alka M.A

2011 Effectiveness of Multimedia Technology on Achievement in Chemistry among Secondary School Students, paper presented in UGC Sponsored Natinal Seminar on Techno Pedagogy for Teacher Educators.

Alka M.A & Leena P 2012 Effectiveness of Metacognitive orientation on Achievement in Biology among Secondary School students of Ernakulam Distrct, paper presented in National Seminar on Interdisciplinary research practices as a method for improving quality of teacher education.

Alka M.A & Seema 2012 Effectiveness of Metacognitive orientation on Achievement in Biology among Secondary School students of Ernakulam Distrct, paper presented in National Seminar on Interdisciplinary research practices as a method for improving quality of teacher education.

Alka M.A & Nimmy 2012 Relationship Between Self Efficacy and Social adjustment among higher Secondary School students in Ernakulam Distrct, paper presented in National Seminar on I Interdisciplinary research practices as a method for improving quality of teacher education.

.Academic Achievements (A Short Discription): M.G university awarded doctorate in

01.Student Achievements - Academic

: 100% Pass with 5 A Grade, One commerce student qualified SET

NIRMALA COLLEGE, MUVATTUPUZHA

1.Name of the College (With e-mail and website) : Nirmala College, Muvattupuzha

Website: www.nirmalacollege.ac.in

Email: nirmalacollege@gmail.com

2.Name of the Principal

Prof. N. JOY

3.Staff Profile

B.Com (Tax)	29	7									
B.Com (OMSP)	25	2									

5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
Mathematics	11	32	11	32	M.A. Economics	2	14	2	12
Physics	12	16	10	13	M.A. Hindi	0	14	0	11
Physics (Voc)	10	15	9	15	M.A. Malayalam	5	14	4	10
Chemistry	5	26	4	24	M.Com	9	9	9	8
Botany	11	20	7	12	M.Sc. Chemistry	1	10	1	3
Zoology	2	21	2	16	M.Sc. Statistics	9	9	8	8
English	13	21	11	19	M.Sc. Zoology	1	13	1	11
Hindi	10	19	8	14	MCA	18	41		
Malayalam	7	31	5	27					
Economics	15	39	14	37					
B.Com	27	33	27	33					
B.Com (Voc)	20	17	20	17					

BCA	24	31	24	31					
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6. Details of Tests cleared by Students

Subject	NET	SET
Hindi	2	1
Malayalam	2	
Mathematics		1
Statistics		2
Chemistry	1	
Zoology	1	
Economics	3	
Commerce	4	
Total	13	4

7. Library

- (a) Total Number of Books : 61456
- (b) Total Number of Journals : 111
- (c) Total Number of Periodicals : 39
- (d) Numer of titles added during the year : 577

8. Grants Received From

- (a) State Government : Rs. 9,09,97,268
- (b) University Grant Commission : Rs. 21,33,739

8. Projects Undertaken

Name of Faculty	Dept	Funding Agency	Am ount	Nature	Topic	Status
			(Rs)			
Dr. Seetha lakshmi V.	Statistics	UGC	1,25,000	Minor	Discrete Laplace Distribution and its Generalizations- Application in Reliability Analysis and Financial Modeling	Ongoing
Dr. Sr. Tessa Joseph	Botany	UGC	90,000	Minor	Pharmacognosy	Completed
Dr. James George	Hindi	UGC	90,000	Minor	Study of Hindi as second language in Colleges-Impact, Problems and Solutions.	Completed
Dr. Sanish P.B.	Sanskrit	UGC	65,000	Minor	Cultural Influence of Koodiyattam in the formation of Kerala social life A cultural study	Ongoing
Dr. Beenamma Mathew	Malayalam	UGC	540,000	Major	Cultural Heritage of Kodungalloor	Ongoing
Dr. Marthakutty Joseph	Chemistry	UGC	1,05,000	Minor	Analysis of soil samples from Rubber and Pineapple cultivation in	Completed
Jose Karikunnel	Chemistry	UGC	85,000	Minor	Investigation of Various Chemical Factors Affecting Tea Flavour	Completed

Lizamma Abraham K.	Economics	UGC	25,000	Minor	Socio-Economic Problems of Hill Tribes -A Case Study of	Completed
J Georgi Neernal	Economics	UGC	30,000	Minor	Implications of Ageing and Socio- Economics Problems of Old Aged in Kerala - A micro level study in Idukki and Ernakuar District of Kerala	Ongoing
Emmanuel Thomas	Economics	UGC	30,000	Minor	Human Development Index of Dalits in Kerala - A Case Study of	Ongoing
Rev. Dr. T.M. George	Economics	UGC	8,39,700	Major	Impact of the Economic Status of the Students on their Value Formation in	Completed
Dr. Thomas Varghese	Physics	UGC	Rs. 1,49,000/-	Minor	Synthesis and Application of Nanocrystalline Metal Oxides	Ongoing
Dr. Shaju Thomas	Zoology	UGC	Rs. 150,000/-	Minor	“Molecular Systematics and Ecology of Stingless bees (<i>Trigona</i> <i>iridipennis</i>) of	Ongoing

Seema Joseph	Malayalam	UGC	1,00,000	Minor	Muduyar, Kurumbar ennivarute jeevithavum	Ongoing
Biji M.P.	Malayalam	UGC	60,000	Minor	Feminine Spirituality in the works of Sarah	Ongoing
Annie Thomas	Malayala	UGC	80,000	Minor	Bhavukathua Parinamam:MT- yude	Ongoing
Dr. Mary Chandrika and Remaniamma I .A	Hindi	UGC	7,35,800	Major	A critical evaluation of the current pedagogical means and ends on the backdrop of the ethical legacy of Kabir Das and	Ongoing
Rev. Dr. Vincent Joseph	Malayalam	UGC	80,000	Minor	A research about the X'tian contribution to the language and culture to the Kerala society based on the historical	Ongoing
Dr. Thomas Varghese	Physics	KSCSTE	12.1 lakhs	Major	Synthesis, Characterisation and Applications of Nanocrystalline	Newly implemented
Vasudevan Namboori K.R.	Librarian	UGC	50000	Minor	Impact of Internet on the information use patterns of Science Teachers in Kerala	Ongoing

Dr.Sr. Tessy Joseph	Botany	UGC	2,00,000	Minor	Capacity Building Training in mushroom for INFAM and SHG members of Avoly	Ongoing
Sr.Celine Goerge K.	Chemistry	UGC	1,40,000	Minor	Extraction and analysis of essential oil from spices	Newly implemented
Dr.Sr. Seelia Thomas P.	Malayalam	UGC	6,56,800	Major	The art and culture of Mudhuvan's in Kerala – a study on their culture	Newly implemented

9. Seminars Conducted

(a) State Level

Dept. of English

Sl.No.	Duration	Dates	Topic	Sponsoring Agency
1	One Day	September 11	English as an International Language	Nirmala College, Muvattupuzha

Dept. of Mathematics

Sl.No.	Duration	Dates	Topic	Sponsoring Agency
1	One Day	27-02-12	Fundamentals of Coding Theory	Nirmala College, Muvattupuzha

Dept. of Statistics

Sl.No.	Duration	Dates	Topic	Sponsoring Agency
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1	1 day	27/03/2012	EM Algorithm, Reliability – probability models and statistical methods	
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Dept. of Chemistry

Sl.No.	Duration	Dates	Topic	Sponsoring Agency
1	One day	10/11/2012	“Computational Chemistry – An Overview” by Prof. A. Anoop, IIT Kharagpur	12 th Rev. Dr. Mathew Thottiyil Endowment Lecture
2	One day	03/08/2012	“Rainwater harvesting and related issues” by Prof. M.T. John, Associate Professor, Department of Chemistry, Newman College, Thodupuzha	Nirmala College, Muvattupuzha

Dept. of Zoology

Sl.No.	Duration	Dates	Topic	Sponsoring Agency
1	1 Days	3-1-2012	Techniques in Field Biology	Nirmala College
2	3 Day	12-14 Oct.2012	Getting along with Elephants: Human-Elephant Co-existence	International Elephant Foundation, USA

Dept. of Computer Science

Sl.No.	Duration	Dates	Topic	Sponsoring Agency
1	1 Day	27/02/2012	Structured Analysis and Design by Prof. Biju Skaria, Asst. professor, MA College of Eng. , Kothamangalam.	Nirmala College, Muvattupuzha

2	1 Day	29/02/2012	Dot Net Framework and basics by Mr. Shajan Mathew, CEO, Conscient Systems and Technologies, Ernakulam	Nirmala College, Muvattupuzha
3	1 Day	17/03/2012	New emerging trends in IT by Dr. Mendus Jacob, CEO, IPSR Solutions, Kottayam.	Nirmala College, Muvattupuzha
4	1 Day	10/07/2012	Towards the holistic formation by Rev Dr. Pius Malekandathil, Professor, Centre for Historical Studies, JNU, New Delhi.	Nirmala College, Muvattupuzha
5	1 Day	05/11/2012	Better Life style of the youth by Mr. Paipra Damanan, Director, Vidya Vanitha College, Muvattupuzha.	Nirmala College, Muvattupuzha
6	2 Days	08/11/2012 & 09/11/2012	Orientation programme by Mr. Sooraj Abraham, Career.com, Aluva.	Nirmala College, Muvattupuzha
7	1 Day	15/12/2012	Life Guidance Programme by Mr. John Paul, Global Academy for Education and training, Kochi.	Nirmala College, Muvattupuzha

10. a. Seminars Attended by Faculty (Name wise –with details)

STATE LEVEL

Dept. of Hindi

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Dr. Suja C.	3 Days	23 to 25 January	3 Day Restructuring	Nirmala College,	Mahatma Gandhi

			2012	workshop PG Hindi	Muvattupuzha	University
2	Dr. Ramani Ammal A.	3 Days	23 to 25 January 2012	3 Day Restructuring workshop PG Hindi	Nirmala College, Muvattupuzha	Mahatma Gandhi University
3	Dr. C. Viswanathan	3 Days	23 to 25 January 2012	3 Day Restructuring workshop PG Hindi	Nirmala College, Muvattupuzha	Mahatma Gandhi University
4	Prof. V.T. Philomina	3 Days	23 to 25 January 2012	3 Day Restructuring workshop PG Hindi	Nirmala College, Muvattupuzha	Mahatma Gandhi University
5	Dr. James George	3 Days	23 to 25 January 2012	3 Day Restructuring workshop PG Hindi	Nirmala College, Muvattupuzha	Mahatma Gandhi University
6	Dr. Sreeja G.R.	3 Days	23 to 25 January 2012	3 Day Restructuring workshop PG Hindi	Nirmala College, Muvattupuzha	Mahatma Gandhi University
7	Dr. Juliya Emmanuel	3 Days	23 to 25 January 2012	3 Day Restructuring workshop PG Hindi	Nirmala College, Muvattupuzha	Mahatma Gandhi University
8	Dr. Suja C.	2 Days	2, 3 August 2012	Women Empowerment (workshop)	D.S.S. Mahatma Gandhi University	Nirmala College, Muvattupuzha
9	Dr. Ramani Ammal A.	2 Days	2, 3 August 2012	Women Empowerment (workshop)	D.S.S. Mahatma Gandhi University	Nirmala College, Muvattupuzha
10	Dr. C. Viswanathan	2 Days	2, 3 August 2012	Women Empowerment (workshop)	D.S.S. Mahatma Gandhi University	Nirmala College, Muvattupuzha
11	Prof. V.T. Philomina	2 Days	2, 3 August	Women Empowerment (workshop)	D.S.S. Mahatma Gandhi	Nirmala College, Muvattupuzha

			2012		University	
12	Dr. James George	2 Days	2, 3 August 2012	Women Empowerment (workshop)	D.S.S. Mahatma Gandhi University	Nirmala College, Muvattupuzha
13	Dr. V.C. James	2 Days	2, 3 August 2012	Women Empowerment (workshop)	D.S.S. Mahatma Gandhi University	Nirmala College, Muvattupuzha

Dept. of Malayalam

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Seema Joseph	02 Days	2-4 Aug	Women Empowerment	MG University	UGC
2	Neena Thomas	02 Days	2-4 Aug	Women Empowerment	MG University	UGC
3	Fr. Francis Michael	02 Days	2-4 Aug	Women Empowerment	MG University	UGC
4	Neena Thomas	One Day	28 Oct		Xavier Board	Xavier Board

Dept. of Physics

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	EVKrishnan Nambhoothiri	One day	17/12/11	Innovative physics Teaching(WIPT -2011)	NSS Hindu College Changanacherry	Kerala State Council for science, Tech and Environment
2	Dr. S Sankararaman	One day	17/12/11	Innovative physics Teaching(WIPT -2011)	NSS Hindu College Changanacherry	Kerala State Council for science, Tech and. And

						Environment
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Dept. of Chemistry

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Jose Karikunnel	2 days	1-2 nd Nov.2012	Computational Chemistry- A powerful tool	Dept. Of Chemistry, Maharajas college Ernakulam	Dept. Of Higher Education, Govt. Of Kerala
		1 day	19/09/2012	Computational Chemistry-	School of Chemical Science, M.G. University	M.G. University
		2 days	29-30 October 2012.	Emerging perspectives in Higher Education	Newman college Thodupuzha	Newman college Thodupuzha
4	Dr. Marthakutty Joseph	2 days	1-2 nd Nov. 2012	Computational Chemistry- A powerful tool	Dept. Of Chemistry, Maharajas college Ernakulam	Dept. Of Higher Education, Govt. Of Kerala
5	Prof. Josekutty J Ozhukayil	One day	17/12/2012	Awareness Programme on Water quality	DC Book's Auditorium, Kottayam.	National Institute of Hydrology, Belgaum
6	Prof. Josekutty J Ozhukayil	2 days	23-24 January 2012	Building Competitiveness in a Globalised world	Centre for Development studies, Kerala	Ministry of Commerce, Govt of India.

Dept. of Zoology

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Dr. Shaju Thomas,	3 days	8-10 Feb.2012	M.Sc. Zoology Curriculum Re structuring	PG BoS in Zoology , MGU	Mahatma Gandhi University, Kottayam
	Laly Mathew,					
	Sasikala K. Joseph,					
	Mary P .C					
	Dilmol Varghese					
	Dr. Anu Anto					
	Jisha Jacob					
Dr. Gigi K. Joseph						
2	Dr. Shaju Thomas	2days	4-5 June 2012	Higher Education	KSHEC	Govt. of Kerala
3	Dr. Gigi K. Joseph	3 day	8-10 Oct. 2012	Getting along with Elephants :Human- Elephant Co-existence	Dept. Of Zoology, Nirmala College, Kerala Veterinary and Animal Science Uni. And Zoo Out Reach Org. Coimbatore	International Elephant Foundation
4	Dr. Shaju Thomas, Dr. Gigi K. Joseph and Dr. Anu Anto	I day	9 th Nov.2012	M.Sc. Zoology (CSS) Curriculum Implementation Workshop	PG BoS of Studies	MG Univesrity, Kottayam

5	Dr. Shaju Thomas	1 day	29 th Oct.	Regional Meeting of the TSG ,KSBB	KSBB	KSBB
6	Jisha Jacob	3 days	1-3 Feb.2012	Training programme on Analytical Instrumentation	ACCESSD, Kottayam	MG University, Kottayam

Dept. of Economics

Sl no	Name of faculty	Duration	Dates	Topic	Organised by	Sponsoring agency
1	JENNIK ALEX	3days	9 th to 11 th January 2012	Workshop on curriculum restructuring of P.G Economics	M.G University Kottayam	Nirmala College Muvattupuzha
2	JENNI K ALEX	2 days	12 TH and 13 th September 2012	Workshop on curriculum restructuring of P.G Economics	P.G Board of studies ,M.G University Kottayam	Nirmala College Muvattupuzha
3	EMMANUEL THOMAS	3days	9 th to 11 th January 2012	Workshop on curriculum restructuring of P.G Economics	M.G University Kottayam	Nirmala College Muvattupuzha
4	JOY JOSEPH	Two days	2 nd and 3 rd August 2012	Orientation programme on Women Empowerment	Department of student service , M.G University Kottayam	Nirmala College Muvattupuzha
5	MEERA R	Two days	2 nd and 3 rd August 2012	Orientation programme on	Department of student service ,	Nirmala College

				Women Empowerment	M.G University Kottayam	Muvattupuzha
6	SHAIMON JOSEPH	Two days	12 TH and 13 th September 2012	Workshop on curriculum restructuring of P.G Economics	P.G Board of studies ,M.G University Kottayam	Nirmala College Muvattupuzha
7	ALPHONSA K. JOY	Two days	2 nd and 3 rd August 2012	Orientation programme on Women Empowerment	Department of student service , M.G University Kottayam	Nirmala College Muvattupuzha

NATIONAL LEVEL

Dept. of Statistics

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Dr. Mathachan Pathiyil	3 Day	15-17 March 2012	Annual Conference of KSA and 3 day national conference on Statistics	University of Calicut	UGC
2	Dr. Johny Scaria	3 days	2-3 August 2012	Orientation programme on Women Empowerment	M.G. University, Kottayam	UGC
3	Dr. Johny Scaria	3 Day	10-12-2012	National Conference on Statistics 21 st Century	Dept. of Statistics, Uty. Of kerala	

Dept. of Physics

1	EVKrishnan Nambhoothiri	Two days	7 and 8 March	Current Trends in Meterials Science	NSS Hindu College	UGC sponsored
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			2012		Changanacherry	
2	Dr. S Sankararaman	Two days	12 & 13 April 2012	National Inspire workshop	IISER - Punae	DST - Punae

Dept. of Chemistry

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Prof. Majo V. Kuriakose	2 days	13-14 th April 2012	Workshop for Organizers of Science Camp	IISER Pune	DST-INSPIRE
2	Prof. Josekutty J Ozhukayil	2 days	23-24 January 2012	Societal benefits of Radioisotopes and radiation Technology.	S.H. College Thevara	National Association for Application of Radioisotopes and Radiation in Industry(NAARRI)

Dept. of Botany

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Leena John	2 days	15-16 th march , 2012	Recent Trends& Future Prospects of Biodiversity and Conservation	S.N.College, Punalur	Directorate of Environment and Climate change, KSCSTC & State Horticulture Mission

Dept. of Zoology

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Dr. Shaju Thomas	4 Days	11-14 th Jan.2012	Workshop for UG Biology Teachers	IISER, Pune & Dept. Of Biotech, MES AG College	DST-INSPIRE Programm
2		2days	16-17 Aug.2012	Global Warming and Biodiversity	PG Dept. of Physics Newman College Thodupuzha	UGC
3		3 days	06-08 th Nov. 2012	Conference on Conservation and Management of Wetland Ecosystems	SES,MUG,IISC Bangalore and ACCESSD	KECSTE,MOES and MOWR,DECC,KSBB
4	Dr. Anu Anto	2 days	12-13 th Dec. 2012	Symposium on Emerging Trends in Biotechnology	CUSAT	UGC,DST,DBT
5	Dr.Gigi K. Joseph	2days	2 & 3 rd Mar. 2012	Seminar on Solid Waste Management	MAC, Kothamangalam	UGC
	Sasikala K. Joseph					
6	Sasikala K. Joseph	2 days	30.11.2012 & 1.12.2012	Conference on Perspectives in	Stella Marys Chennai	DST

				Ethology		
7	Dr. Shaju Thomas	1 day	1th Sept.2012	Research and Innovation Cooperation, EU	European Union India Programme	EU

Dept. of Economics

Sl no	Name of faculty	Duration	Dates	Topic	Organised by	Sponsoring agency
1	JENNI K ALEX	Two days	13 th to 15 th March 2012	Research Methodology and statistical analysis	Rajagiri College of Social science	Indian Council for social welfare
2		Two days	14 th and 15 th November 2012	Informal Sector in India : Lessons and way forward	Department of Economics , St. Thomas College , Thrissur	The Kerala State Higher Education Council
3	EMMANUEL THOMAS	One day	22 nd February 2012	Recent Policy changes In Higher Education	CSES, Kochi	
4	SHAIMON JOSEPH	Two days	8 th and 9 th February 2012	Goods and Service Tax- A Threat to the Autonomy of states	MA College , Kothamangalam	UGC
5	SHAIMON JOSEPH	Two days	14 th and 15 th November 2012	Informal Sector in India : Lessons and way forward	Department of Economics , St. Thomas College , Thrissur	The Kerala State Higher Education Council
6	ALPHONSA K. JOY	Two days	20 th and 21 st January 2012	Sustainable Development : Recent Trends in meeting the	Organised by School of Environmental Sciences , M.G	Directorate of Environment and Climate Change ,

				challenges	University, Kottayam	Govt. Of Kerala
7	ALPHONSA K. JOY	Two days	13 th to 15 th March 2012	Research Methodology and statistical analysis	Rajagiri College of Social science	Indian Council for social welfare
8	ALPHONSA K .JOY	Two days	14 th and 15 th November 2012	Informal Sector in India : Lessons and way forward	Department of Economics , St. Thomas College , Thrissur	The Kerala State Higher Education Council
8	DIVYA K.R	Two days	6 th and 7 th September 2012	New man College Thodupuzha	Indian Capital and Commodity Markets	UGC
9	DIVYA K.R	Two days	14 th and 15 th November 2012	Informal Sector in India : Lessons and way forward	Department of Economics , St. Thomas College , Thrissur	The Kerala State Higher Education Council
10	MITTU MOL BABU	Two days	14 th and 15 th November 2012	Informal Sector in India : Lessons and way forward	Department of Economics , St. Thomas College , Thrissur	The Kerala State Higher Education Council

Dept. of Computer Science

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	P. Shija paul	2 Days	15/03/2012 16/03/2012	Current Trends in Machine learning Techniques and Applications	MES College, Marampally	UGC
2	Smitha Anu Thomas	2 Days	15/11/2012 &	Advanced Computing and Communications	Santhigiri College of Computer Sciences,	

			16/11/2012	Technology	Vazhithala.	
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INTERNATIONAL LEVEL

Dept. of Botany

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Dr.Sr.Tessy Joseph	4 days	10-13 th January, 2012	Current trends in Medicinal Plant Research	University of Pune	

Dept. of Zoology

Sl.No.	Name of the Faculty	Duration	Dates	Topic	Organised by	Sponsoring Agency
1	Dr. Shaju Thomas	10 Days	08-19 th Oct. 2012	COP 11 CBD	Govt. Of India and CBD Secretariat	UN
2	Dr.Anu Anto	2 days	7 th & 8 th June 2012	International Conference on Nutritional Medicine, Health & Wellness	Dept. of Zoology, St.Theresa's College, Ernakulam	UGC
3	Dr. Gig K Joseph	3days	16-18 August2012	International Seminar on Human- Animal Conflict (ICWHAC)	PG Dept. Of Zoology,SB College, Changanacherry	UGC KFRI WII,MoEF

Dept. of Economics

Sl no	Name of faculty	Duration	Dates	Topic	Organised by	Sponsoring agency
1	JENNI K. ALEX	Two days	23 rd and 24 th February 2012	Global Economy and Environmental Sustainability	Morning Star Home Science College Angamaly	
2	J. GEORGI NEERNAL	Two days	23 rd and 24 th February 2012	Global Economy and Environmental Sustainability	Morning Star Home Science College Angamaly	

12. Book Chapter

Department of Hindi

Sl.No.	Author	Name of the Book	Article/ Book Chapter	Year	ISSN No.	Publisher
1	Dr. Suja C.	UTHAR AUPANIVESHNIK VIMARSH AUR HINDI KAVITHA	UTHAR AUPANIVESHNIK ADHYAYAN AUR AKAVITHA	2011		Adhar Prakashan Hariyana Pages 123- 128
2	Dr. Suja C.	KAVITHA KA VARTHAMAN	Jeevan laya ki chahath ki Kavithayein	2011		Adhar Prakashan Hariyana Pages 214- 220

Department of Physics

Sl.No.	Author	Name of the Book	Article/ Book Chapter	Year	ISSN No.	Publisher
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1	Sunny joseph	Nanotitania for photocatalytic applications	Chapter 7 Vol 5 P I -33	2011		American Scientific Publishers USA
2	Sunny joseph	Nanotechnology in Polimers	Chapter 14	2012		Studiumpress, texas, USA

Department of Zoology

Sl.No.	Author	Name of the Book	Article/ Book Chapter	Year	ISSN No.	Publisher
1	Dr. Shaju Thomas & Sajjan K. Jose	Selected Beneficial and harmful Insects of Indian Sub continent	Stingless Bee Keeping in Kerala	2011	978-3-659-13068-7	Lambert Academic Publishing ,Germany
2	Dr. Shaju Thomas and Dr. Gigi K.Joseph	Introduction to Kerala Studies	Mammals of Kerala Ecological History of Southern Western Ghats	2012	In Press	IISAC, New Jersey

D. Paper Presentations

- i. State Level
Department of Commerce

Sl. No.	Name of the Faculty	Date of Presentation	Title of Presentation	Organized by	Sponsoring Agency
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1	Dr.G.S.Gireesh Kumar	15-01-2012	India and Global Banking Crisis	Department of Commerce, MA College, Kothamangalam	
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ii. National Level

Department of Hindi

Sl.No.	Name of the Faculty	Date of presentation	Topic of presentation	Organised by	Sponsoring Agency
1	Dr. Suja C.	22/12/2011	Assi ke baad ki Hindi kavitha mein Prathirodh ka swar	Maharaja's College, Ernakulam	UGC

Department of Zoology

Sl.No.	Name of the Faculty	Date of presentation	Topic of presentation	Organised by	Sponsoring Agency
1	Dr.Shaju Thomas	1 st March 2012	Ecological history of the Western Ghats	Dept. of Zoology, St.Joseph's , Irinjalakuda	UGC
2	Dr.Shaju Thomas	17 th Aug.2012	Impacts of Climate Change on	Dept. of Physics , Newman College	UGC

			Biodiversity		
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Department of Economics

Sl.No.	Name of the Faculty	Date of presentation	Topic of presentation	Organised by	Sponsoring Agency
1	JENNI K ALEX	24 TH February 2012	Eco-tourism as a tool for sustainable development	Morning Star Home Science College Angamaly	

Department of Commerce

Sl. No.	Name of the Faculty	Date of Presentation	Title of Presentation	Organized by	Sponsoring Agency
1	Dr.G.S.Gireesh Kumar	20-01-2012	Bank Merger Valuation in Recessionary Periods	Department of Commerce, University of Delhi	
2	Dr.G.S.Gireesh Kumar	18-04-2012	India and Global Banking Crisis	University College, Mangalore	
3	Dr.G.S.Gireesh Kumar	10-11-2011	Impact of Banking Crisis on Indian Economy	National Conference on Finance and Banking (NCFB)	

Department of Computer Science

Sl.No.	Name of the Faculty	Date of presentation	Topic of presentation	Organised by	Sponsoring Agency
1	Smitha Anu Thomas	15/11/2012	Cloud Computing and Aneka Cloud Application platform : A Vision	Santhigiri College of Computer Sciences, Vazhithala.	

Department of Commerce

Sl. No.	Name of the Faculty	Duration	Dates	Topic	Organized by	
1	Dr.Gireesh Kumar	1 Day	18-12-2012	International Conference on Business, Finance & Geography	PSR C, Thailand	PSRC

14. Research Highlights of Faculty/Scholars (A Short Discription)

Department of Botany

Sl. No.	Name of Faculty / Research Scholar	Topic of Research	Centre of Research	Thesis submitted/Degree awarded	No. & Date of Uty Notification
1	Leena John	Palynological studies of the South Indian Myrtales	School of Environmental Sciences, M.G. University	Thesis submitted	24-08-2012

Faculty awarded Ph.D.

Sl. No.	Name of the Faculty	Name of Supervising Teacher	Branch/faculty	Title of Thesis	Centre of Research	No. & date of notification	Name of the Uty.
1	Sr. Biji M.P.	Dr. Jose George	Malayalam/Language and Literature	Sthreeyum Adhmiyathayum Bineeajakavithakalil	Nirmala College Muvattupuzha	No.EB X/Ph.D/184/2012 dtd 21.7.2012	Mahatma Gandhi University

2	Vincent George		Malayalam/Indian Languages	Chavittu Nadakam-Literature and Performance	S.S.University of Sanskrit ,Kalady	4-9-2012	S.S.University of Sanskrit ,Kalady
3	Rani Mathew	Dr. N. Prasanthakumar	English/Foreign Languages	Re-vision as Art and Medium: A Study of Revisionist Mythmaking in Feminist English Poetry	S.S.University of Sanskrit ,Kalady	No.EA/Ph.D/338/SSUS/2011 dtd 18-02-2012	S.S.University of Sanskrit ,Kalady
4	Ramani Ammal A	Dr. C.K. James	Hindi/Language and Literature	Keddaarnath Sinh Kii Kavithaon Mein Saundarya Chetna	St,Thomas College Palai	No.EB X/Ph.D/177/2012 dtd 23.01.2012	Mahatma Gandhi University

15.Ph. D. awarded from the centre

Sl. No.	Name of Research Scholar	Name of Supervising Teacher	Branch/faculty	Title of Thesis	Centre of Research	No. & date of notification
1	Biji M.P	Dr.Jose	Malayalam/Language	Sthreeyum Admiyathum	Dept. of Malayalam,	No.EBX/Ph.D/184/2012 dtd 21-07-

		George	and Literature	Bennejakavithakali	Nirmala college Muvattupuzha	2012
2	Antony Josph K	Dr.Gabriel simon Thattil	Commerce/ Commerce	A Study on Customer Relationship Management in Commercial Banks in Kerala	Dept of Commerce, Nirmala college Muvattupuzha	No.EBX/Ph.D/182 /2012 dtd 24-03- 2012
3	Mini Joseph	Dr.Gabriel simon Thattil	Commerce/ Commerce	Policy Changes and its impact on Demand and supply of Bank Credit	Dept of Commerce, Nirmala college Muvattupuzha	No.EBX/Ph.D/179 /2012 dtd 03-03- 2012
4	Geetha C.A.	Dr. Gabriel Simon Thattil	Commerce	A study on tax planning measures adopted by the salaried class in Kerala	Dept. of Commerce, Nirmala college Muvattupuzha	No.EBX/Ph.D/185 /2012 dtd 27-09- 2012

Nirmala Academic and Research Publication (NARP)

Publishes the 19th and 20th issues of the Bi Annual Journal “Science and Society”

14.Academic Achievements (A Short Discription)

Department of Hindi

1. Dr. Ramani Amma A.
 - a. Chairperson, PG Board of Studies, M.G. University, 2012 - 2013
2. Dr. C. Viswanathan
 - a. Calicut University , P.G. Hindi, Board Member
 - b. Cochin University , P.G. Hindi, Board Member
 - c. Kalady University , P.G. Hindi, Board Member

- d. Co-ordinator – IGNOU, Nirmala College Centre
- e. Co-ordinator, , M.G. University, PG Hindi Syllabus Restructuring workshop

Department of Physics

Dr. S Sankararaman is the Chairman of the UG Board of question paper setters since 2011.

Prof . N Alosious Sabu was the Member of the UG Board of question paper setters 2011 - 2012

Department of Zoology

Dr. Shaju Thomas invited as an Independent observer of the COP11 of CBD held at Hyderabad, India during 8-19 Oct.2012

Dr. Gigi K. Joseph organized the workshop “Getting along with Elephants : Human-Elephant Co-existence sponsored by International Elephant Foundation at Wayanad during 12-14 Oct.2012

Dr. Shaju Thomas nominated as Member of the technical Support Group (TSG) of the Idukki District Biodiversity Management Committee by KSBB

Dr. Shaju Thomas and Dr. Gigi K. Joseph invited for the midterm evaluation of the CEPF-AZE Project on the “Conservation of Critical Freshwater Fish habitats in the Western Ghats.

Dr. Shaju Thomas selected as a member in the Research Fellows panel of the Earth System Governance Group

Dr. Shaju Thomas is an invited Resources person for the Restructuring of the M.Sc. Curriculum in Zoology of Kerala University-2012-13

1. Dr G S Gireesh Kumar- Chaired a session in the International Conference on Business, Finance and Geography (ICBFG’2012) AT Phuket, Thailand during December 18-19, 2012.

2. Dr G S Gireesh Kumar- got BEST PAPER PRESENTATION AWARD in the International Conference on Business, Finance and Geography (ICBFG’2012) AT Phuket, Thailand during December 18-19, 2012.

3. Dr.G S Gireesh Kumar-Two articles were included in the top 10 most popular articles list of SSRN.

16. Students Activities/ Achievements – (Extra Curricular)

(a) National Cadet Corps

National Integration Camp

The National Integration Camp Organized by the Kerala & Lakshadweep. NCC Directorate was hosted in our college for the first time in history from 23 December 2011 to 03 January, 2012. 645 cadets from 15 states of India attended the camp. Lt Col V P Paul was the camp commandant and Capt Dr V C James was the General convener of the camp. Seminars, awareness programs, rallies, competitions, National Integration Awareness Programs (NIAP) and cultural programmes capsuled the camp.

- Sgt. Geethu T.P. Attended TSC, Delhi 2012
- CQMS. Anupama Viswambharan Attended RDC-IGC 2012
- Sgt. Albin Sunny Attended RDC-IGC 2012
- Sgt. Anu Rose Daniel Attended RDC-IGC 2012

(b) National Service Scheme

- Volunteers participated in the Clean Kerala Mission of Kerala Government and took rally in support of the mission on 8th January 2012.
- Volunteers arranged campus cleaning programme on 14th January 2012.
- Released NSS Calendar 2012 on 17th January 2012.
- Celebrated NSS Cultural Day on 23rd February 2012.
- Conducted Blood Identification Camp especially for 1st Year male students on 9th March 2012.
- Conducted Eye Donation Campaign on 9th March for spreading the message of eye donation among students and in their family.
- Published News Letter for the year 2011-'12 on 12th March 2012.
- Inaugurated Teen Club in association with National Rural Health Mission on 20th March 2012 for the promotion of Adolescent Reproductive and Sexual Health State.
- Conducted an orientation programme for the first year degree students on 27th June 2012.
- Programme officers participated in the meeting arranged for programme officers held on 26th July 2012 at Mar Baselious College, Kottayam.
- Conducted 3 day minicamp from 27th July to 29th July, 2012.
- Two NSS Volunteer Secretaries participated in the Secretaries Training Camp held at MES College, Erumely.
- Celebrated Teacher's Day on 5th September, 2012 by giving wishing cards and sweets to teachers.
- Programme officers attended meeting held at St Therases' College Ernakulam on 11th September 2012.

- Volunteers participated in a programme initiated by World Malayali Council at Hills Valley in Kuttamassery on 22th September 2012.
- Two volunteers participated in the Intercollegiate Camp named 'Madhyama Silpasala' held at Devaswam Board College, Keezhoor on 28th September 2012.
- Conducted blood group identification camp for the students in association with St.George Hospital, Muvattupuzha on 10th October 2012.
- Conducted one day Orientation programme on 1st Decenber 2012 for the Higher Secondary Students of Model Higher Secondary School, Muvattupuzha.
- Volunteers participated in a training programme arranged by Kerala State Social Service Society under Department of Social Welfare, Govt. of Kerala
- Volunteers participated in the fund mobilization programme, SURAKSHA in association with Kerala State Social Service Society under the Department of Social Welfare, Govt. of Kerala on 6th December 2012.
- Conducted 3 day minicamp from 7-9th December,2012
- Conducted Mega Medical Camp in association with Amrita Institute of Medical Sciences, Edapally on 8th December 2012
- Conducted NSS Alumni Meet on 9th December 2012
- Conducted Seven Day Special Camp at St. Mary's HSS, Arakuzha from 21st Dec to 26th Dec 2012.

Achievements

- Two NSS Volunteers, Anna Maria Sunny and Erica Wilson won the Award for the best NSS Volunteers in the MG University.
- Erica Wilson won the Kerala State Best NSS Volunteer Award 2011-12.
- Keerthana K Ajay participated in Inter State Youth Exchange and Home Stay Programme organized by Rajiv Gandhi Institute of Youth Development (RGNIYD) held at Shimla on 22nd Nov- 1st Dec 2012.
- Anasoya Joseph selected for participating National Integration Camp which is to be held at Rajasthan on 23rd December 2012.

(c) Sports

Sujith P. Ravi got two Gold Medal in World Arm Wrestling Championship held at Spain.

NATIONAL PARTICIPATIONS

Name	Discipline	Competition Held
Jimish P Mohan	Handball	34 th Junior National Indore Kerala Captain
Ajay M B	Handball	34 th Junior National Indore
Sujith P Ravi	Arm Wrestling	National held at Kerala
Sujith P Ravi	Arm Wrestling	International held in SPAIN

University Level Achievements

2012-2013	Best Physique	3 rd	2 players Secured 3 rd
	Volleyball	4 th NZ	1 Player secured 3rd
	Athletics	3rd	

Financial Support From Central Government (S A I)

Discipline:- Football

Sport Authority of India Sanctioned

- Day Boarding Scheme for 20 Students on 2010 on wards.
- Monthly grant Rupees 600 for each 20 students.
- 1, 00,000 Rupees Equipment for the institution.
- Sports Kit for 20 students. (Worth Rupees 7000).
- Competition allowances Rupees 1, 20,000 for 20 students.

Financial Support From State Government

- Kerala sports council sanctioned day boarding scheme for 20 students.
- Rupees 1, 00,000 for 20 Handball players.
- Sports kit for 20 students.
- Equipment for the institution.

Ernakulam District Keralosavam 2012-2013(sports & games) organized by dept of Physical Education in our college.

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

College has linkage with the following industries for doing P.G./ UG projects

Nest, Thiruvananthapuram	CCS, Kottayam	Smartsarts.com
Kites Software,Kochi	Cyberprism, Kochi	Cyber Site Estimate
Think Force, Ernakulam	LCC, Kochi	Family Information System
Kites Software,Kochi	Cute Sys, Kochi	Marketing Work flow Analysis
Plus Point, Kalamassery	LCC, Kochi	Data Encryption using Brain Signals
Progressive Cybernetics, Muvattupuzha	Progressive Cybernetics, Muvattupuzha	Biometrically secured online voting
Cyberprism, Kochi	Kites Software,Kochi	Training Tracker
Kites Software,Kochi	Progressive Cybernetics, Muvattupuzha	Remote Template Manager
LCC, Kochi	Cute Sys,Kochi	Global Medifile
LCC, Kochi	LCC, Kochi	Real Tors .com
Focus InfoTech, Edappally	Cyberprism, Kochi	Universal Smart Card
Progressive Cybernetics, Muvattupuzha	Kites Software,Kochi	Civil Registry
Mars Innovative Solutions,Kochi	Cyberprism, Kochi	Mediline Plus (sort. Com)
Robosoft, New Uduppi	Web Motels	Venture Administrator
Cyberprism, Kochi	Global Freelancer	Multiplex Management System
Focus InfoTech, Edappally	Cyber Job Mela	Sound Master(Audio

		Players)
LCC, Kochi	Auto Hunt	ITUTE-Network based Tutor
Kites Software,Kochi	Community Plus	Budget monitoring system
Focus InfoTech, Edappally	LAN mail remainder system	Doc Convertor
Cute Sys, Kochi	Google Map Based Office Tracker	Public Utility Web Services
Kites Software,Kochi	Construction Plus	Remote Eye
LCC, Kochi	Film Production Management	Unique Id Management
Plus Point, Kalamassery	Magic Media Publisher	Advanced Income Tax Services
Plus Point, Kalamassery	Dietry Management System	I Rose
Plus Point, Kalamassery	City Gateway	XML Flyer
LCC, Kochi	Cargo Management System	Student Project Allocation and Management
Kites Software, Kochi	Resource Planning Tool	Customized Meta Search Engine
Plus Point, Kalamassery	Techmate	Globalised Offense Tracker
Cute Sys,Kochi	Vallarpadam International Container	Expo Management System
CCS, Kottayam	Network Forensics Analyser	Student's Portico
Focus Infotech, Kochi	WebSchool	Market Basket Analysis
Mars Innovative Solutions,Kochi	Employee Transfer Management System	
Cute Sys, Kochi	Network Administrator	

18. Academic Tie-Ups (if any)

Department of Physics

Department of Physics has Collaboration with Department of Physics, maharaja's College, Ernakulam in facility sharing.

Department of Zoology

The Dept. is collaborating with International Institute for Scientific & Academic Collaboration, Inc. (IISAC), New ark, NJ, USA for a Programme in "Tropical Biodiversity", Zoo Out Reach Organization ,Coimbatore for Environmental Education , National Green Corps, MoEF, Govt. of India and SEED Programme of Mathrubhumi

The Dept. works with the Dept. of Forest and the Local people for "Santhukadu Sacred Grove Restoration" a participatory biodiversity conservation effort and with Muvattupuzha Municipality for "Greening the City"

Department of Botany

Department of Botany collaborates with Dept. of Botany, University of Pune for organising International Seminar.

19. Student Progression

Department of Chemistry

Vivek B., 2008-10 batch of M.Sc. Chemistry cleared JRF and joined IIT Madras for research.

Department of Zoology

Mr. P.B. Nooh 1999 batch B.Sc. Zoology Cleared Civil Service Exam and joined IAS in 2012

Ms. Dhanya Balan M.Sc. Zoology 2006 Batch selected as Senior Research Fellow ZSI, Calicut

Ms. Saranya M.K. and Athira V. Raj won the Summer Research Fellowship (2012) of Indian Academy of Sciences

Department of Economics

Arun C Adatte of 2003-2006 degree batch has been appointed as RBI Research Officer in Mumbai 2012.

Erica Wilson of 2010-2013 degree Batch has won the best NSS volunteer award in Kerala state 2011-12

Erica Wilson and Anna Maria Sunny of 2010-2013 degree batch have won the best NSS Volunteer Award in M.G University 2011-12

20. Campus Recruitment (if any)

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	WIPRO	21	34	4	2
2	TCS	8	6	1	3
3	INFOSYS	42	70	6	7
4	EXL	40	57	5	2
5	HDFC Ltd.	14	3	3	0
6	WIPRO	13	45	5	5
7	HP	6	7	0	1
8	IMMO Information Technology	1	0	1	0
9	KERALA FOREST DEPT	1	0	1	0
10	STATE BANK OF TRAVANCORE	1	0	1	0

21.Number of PhD's Produced if your college is an approved Research Centre

Sl. No.	Name of Research Scholar	Name of Supervising Teacher	Branch/faculty	Title of Thesis	Centre of Research	No. & date of notification
1	Biji M.P	Dr.Jose George	Malayalam/Language and Literature	SthreeyumAdmiyathumBennejakavithakalil	Dept. of Malayalam, Nirmala	No.EBX/Ph.D/184/2012 dtd 21-07-2012

					college Muvattupuzha	
2	Antony Joseph K	Dr.Gabrielsi monThattil	Commerce/C ommerce	A Study on Customer Relationship Management in Commercial Banks in Kerala	Dept of Commerce, Nirmala college Muvattupuzha	No.EBX/Ph.D/1 82/2012 dtd 24- 03-2012
3	Mini Joseph	Dr.Gabrielsi monThattil	Commerce/C ommerce	Policy Changes and its impact on Demand and supply of Bank Credit	Dept of Commerce, Nirmala college Muvattupuzha	No.EBX/Ph.D/1 79/2012 dtd 03- 03-2012
4	Geetha C.A.	Dr. Gabriel Simon Thattil	Commerce/C ommerce	A study on tax planning measures adopted by the salaried class in Kerala	Dept. of Commerce, Nirmala college Muvattupuzha	No.EBX/Ph.D/1 85/2012dtd 27- 09-2012

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	Pradeep Kumar N	Prospects for the growth of mutual fund industry - an emperical study in investment partners abd priorities	Dr.Simon G Thattil
2	Aravind J	Bank assurance - A study on oppertunities and threat.	Dr.Simon G Thattil

3	Francis C T	Quality wide and employee performance - a study based on private sector	Dr.Simon G Thattil
4	Deepa T S	Women Entrepreneurship and economic empowerment - An evaluation study on MSME sector in Kerala	Dr.Simon G Thattil
5	Abraham George	Environmental analysis and growth of small and medium enterprises in Kerala	Dr.Simon G Thattil
6	Boby Simon	Financial sector reforms and its impacts on the banking industry	Dr.Simon G Thattil
7	Roy Mathew Vettoor	The role of self help group in rural empowerment - a study with special reference to Kerala	Dr. Gireesh Kumar G S
8	G Gangadathan Nair	An analytical study on stress management among bank employees in Kerala	Dr. Gireesh Kumar G S
9	Raju V P	Influence of technology in banking - a customer centric study with special reference to Kerala	Dr. Gireesh Kumar G S
10	R Sethu Ravi	A study on the effectiveness of turn around management strategies in India Railway with special reference to Southern Railways	Dr. Gireesh Kumar G S
11	Ajimon George	A study on Internet Banking with special reference to selected banks in Kerala	Dr. Gireesh Kumar G S
12	Santhosh C	A study on the performance of BPO industries in Kerala	Dr. Gireesh Kumar G S
13	Mohanan U S	Managing quality in the contract of marketing of hospitality services in Kerala	Dr K G Jose
14	Davis K A	Non - performing asset management under the changed India scenario - a comparative study of public and private sector	Dr K G Jose
15	Murali E	People development and participation in tourism	Dr K G Jose

16	Thomas V J	Role of micro finance in Economic development of the poor	Dr K G Jose
17	George P L	Performance, preospects and problems of the co-operative marketing societies in Kerala	Dr K G Jose
18	Sujatha M	Helath tourism with reference to Kerala	Dr K G Jose
19	BinduMenon M P	A study on job satisfaction among school teachers in Kerala	Dr K G Jose
20	Rajesh M G	Job satisfaction in information techonology industry - a study with special reference to South India	Dr K P SaraswathyAmma

Research Centre in Malayalam

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	Shaju Varghese		Dr.Lissy Joseph
2	BennichenSkaria	PoonthamkavithaChristeadharsananthintepasch athalathil	Dr.Lissy Joseph
3	Seema Joseph	Llife and artistic traditions of KurumbarnadMudugar in Palakkad district	Dr.Seelia Thomas P.
4	ShabuC.Varghese	Post colonial perspectives in the films of AddorGopalakrishnan - A study	Dr.Seelia Thomas P.
5	NavoorPareeth	P. Kuniraman Nair de Krithikallevyakaranathanthram	Dr.Seelia Thomas P.
6	Ajith E.K.	Vyakaranthalangal VKN vowelukalil	Dr.Seelia Thomas P.
7	Manju T.V.		Dr.Jose George
8	Sonia George	AttapadiyileAthivasykaludegothravaidhyaparambaryam	Dr.Jose George

9	Simi P.Sukumar		Dr.Joshy Varghese
10	BeesaP.Bhaskar		Dr.Joshy Varghese
11	Deepthi V.S.	Influence of Ganhiji on Malayalam poetry	Dr.Joshy Varghese
12	Sherin P.K		Dr.Seelia Thomas p
13	Asha C.K		Dr.Seelia Thomas p
14	Rekha K.	A thunbachithrakalayilum, kavithayilumprakadamakunnasamanathakal	Dr.Beenamma Mathew
15	Praveen K.R.	Nalacharithumadakatha: attaprakaram, arangu - oruchinhavinjaniapariresham	Dr.Seelia Thomas P
16	ChithraMohanan	Tradition in MadampuKunjikuttans novel	Dr.Beenamma Mathew

Research Centre in Hindi

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	ShibuN.	Bhairav Prasad Gupthkeupanyasommeinsamajikchetana	Dr. James George
2	ShibiA.V.		Dr. James George
3	TesJose	Ushaprijanvadakekatha - sahityameinstriswatvatalash	Dr. James George
4	CibymoleAbraham	ChitraMudagalkekathasahityameinmanavxysan sahti	Dr. James George
5	Pravitha Lakshmi	ChitraMudagalkekathasahityameinyugabodh	Dr. Viswanathan C
6	Dhanya V. Dev		Dr. Viswanathan C.

7	Ciji Jacob	Sanjivkeupanyasommeinjanvadichetna	Dr. Viswanathan C.
8	RigiPaulose	Nasirasharmakakathasahitya : Ekvishleshan	Dr. Viswanathan C.
9	Anju E.M.	Strivimarshkesandarbhmeinmaitreyipushpakeu panyas	Dr. Viswanathan C.
10	Suresh A.	Nirmalvarmakekatha	Dr. Viswanathan C.
11	Cini P.K.	Dalit - kahaniyonkasaunaryashatra : Ekadhyayan	Dr. Viswanathan C.
12	Ambily M.V.	Rgiri Raj Kishorkeupanyasekvishleshan	Dr. Suja C.
13	Resmi M.N.	Chandrakantdevatalekikavitha on meinsanskritiksankat	Dr. Suja C.
14	Bhanumathy N.V.	Arun Kamal kikavitha on meinmanaviysansakti	Dr. Suja C.
15	Jayasree S.	Jagadeesh Chandra Kekadhasahtyameindalitchetana	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. JohnyScaria
2	Gijo E.V.	Buisness process improvement in India industries through statistical techniques	Dr. JohnyScaria
3	Sithara Mohan		Dr. JohnyScaria
4	Biju Thomas	Concomitants of order statistics from Bivariate generatiredmargenstera and companies family	Dr. JohnyScaria
5	Simi Sebastian	Distribution theory – Discrete versions of	Dr. Seethalakshmi V.

		continuous distributions and their applications	
6	Catherine Thomas	Some generalizations of poisson process (Statistics)	Dr. Seethalakshmi V.

Research Centre in Chemistry

Sl. No.	Name of the Research Scholar	Title	Research Guide
1	Cintil Jose Chirayil	Development of high performance polymer nanocomposites using cellulose nano fibrils from isorafibres – a wood substitute.	Dr. Lovely Mathew P.

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	dreviswanathan@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	seethalekshmi@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	lovely.mathew@gmail.com
22	Dr. Dominic Jacob E.	Chemistry	
23	Dr. K.J. John	Chemistry	

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
Website : 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 :5	Full time:4 Visiting :5	Nil	Nil	Full time:5 Visiting :10
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	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed Special Education (MR)	Nil	24	M.Ed Special Education (MR)	2	6	Nil			Nil		

5. **Student Intake**

Under graduate	Appeared		Passed		Post graduate
	M	W	M	W	
B.Ed Special Education	3	20	3	19	M.Ed Special Education

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6. Library

- (a) Total Number of Books : 1631
 (b) Total Number of Journals : 20
 (c) Total Number of Periodicals : 11
 (d) Numer of titles added during the year : 29

7. Seminars conducted by Faculty

(Name wise – with details)

- (a) State Level : The following faculty members took class during the state level workshop

Sl.No	Name	Topic Taken
1.	Jimmy B. Varghese	Importance, Types, values, objectives and Benefits of Cocurricular activities.
2.	Sherly Mathew	Leisure and recreation activities introduction, leisure education for persons with disabilities, Developing leisure training.
3.	Sheena K.V.	Leisure and recreation activities , Benefits, selection of Leisure activities, Adaptation of leisure programmes for persons with visual impairment, hearing impairment, mental retardation, autism and locomotor disabilities.
4.	Jancy George	Sports for Disabled, Adapted Sports, benefits of sports.

Two faculty members took classes in a State level programme conducted by Centre for Development of Advanced Computing (CDAC). CDAC is a Scientific Society of the Ministry of Communication and information Technology, Govt. of India.

CDAC arranges series of classes for special educators, parents and other Rehabilitation professionals. The details of classes by our faculties are given below.

Sl. No.	Name	Topic	Location
1	Mrs. Sheena K.V.	Leisure and Recreation activities for persons with Disabilities.	CDAC Studio at K.V.M. College of Spl.Edn. Alappuzha.
2	Mr. jimmy B. Varghese	Need, importance, benefits, Types and present status of cocurricular activities.	CDAC Studio at K.V.M. College of Spl.Edn. Alappuzha.

8. Students Activities/Achievements –

(Extra Curricular)

: Two students from our college Mr. Saneesh Baby (M. Ed Student) and Melby Ann Johny (B. Ed Student) participated in the UGL Sponsored inter Collegiate Quiz Competition conducted by Department of Student Services, M.G. University on 22nd September 2012. Both received consolation prize.

(a) Arts Festivals

: Yes,
The arts festival was conducted in connection with the Annual Day Celebration which was conducted on March 14th 2012. Variety of cultural programmes were exhibited by teacher trainees.

(b) Sports

: Annual Sports meet was conducted on 7.11.2012.

(c) Games
along

: Competitions were conducted
with Onam celebrations selected items were Breaking the Pot, Chair play, Ring Exchange, Rotty Biting, Filling the Bottle.

9. Progression

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

: 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)

PATRIARCH IGNATIUS ZAKKA I TRAINING

COLLEGE,MALECRUZ

1. Name of the College (With e-mail and website) :PATRIARCH IGNATIUS ZAKKA I TRAINING COLLEGE,MALECRUZ , www.piztc.org ,email;principal@piztc.org

2.Name of the Principal :P.A.Jacob

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	3	9	1	-	13
Non Teaching	3	2	-	-	5

4.Courses Offered with Number of seats:B.Ed -150

Under Graduate	Number of Seats	
	Men	Wome n
150	9	52

5.Student Intake

Under	Appeared
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Graduate	M	W
150	7	60

6. Library

- (a) Total Number of Books :5000
- (b) Total Number of Journals :10
- (c) Total Number of Periodicals :12
- (d) Numer of titles added during the year :01

7. Academic Achievements: Mor Baselios Thomas Ist Catholicose Gold Medal presented to Deepa Prasad

8. Student Achievements: Dr.Ksivadasan Pillai foundation award in honour of Prof.Dr Mercy Abraham is presented to Fr.Shijo Pappachan

9. Students Activities/ Achievements –College Magazine titled Pratheeksha 2012 with 127 pages with 25 pages colour sheets

- (a) Arts Festivals Named Sarangi 2012 conducted on 24th August 2012
- (b) Sports Meet with efficient guidance of Mr. Titto Cherian on 22nd August 2012

PGM COLLEGE, DEVAGIRI

1. Name of the College (With e-mail and website) : PGM College, Devagiri P O, Kangazha

pgmcollege@gmail.com

2. Name of the Principal : Prof. C A Abraham

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total

Teaching	9	13			22
Non Teaching	3	4			7

4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
B.Com Computer Application	121	29	M.Com	8	4
B.Com Finance & Taxation	27	10			

BCA	43	41			
BSc Microbiology	19	3			

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
BSc Microbiology	1	6	1	6

6. Library

- (a) Total Number of Books : 5069
- (b) Total Number of Journals : 5
- (c) Total Number of Periodicals : 4
- (d) Additions during the period : 37

PUSHPAGIRI COLLEGE OF NURSING

1.Name of the College (With e-mail and website) : Pushpagiri College of Nursing

email : pcon@pushpagiri.in ,

web:.nursingcollege.pushpagiri.in

2.Name of the Principal

: Prof.Beena Bhasan (Beena Mathew)

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	20	-	-	22
Non Teaching	1	6	1	-	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
50	3	196	26	1	25	-	-	-	-	-	-

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
50	2	40	2	40

6. Library

- (a) Total Number of Books : 4249
- (b) Total Number of Journals : 27
- (c) Total Number of Periodicals : 7
- (d) Number of titles added during the year : 86

7. Projects Undertaken

Projects Undertaken- College level Projects

1. Effect of planned teaching programme on knowledge and dietary practice of consumption of Maida based food products among higher secondary school students in selected school at Pathanamthitta.

2. Breakfast consumption habit and reported effects among adolescent girls in selected school of Pathanamthitta District.
3. Effect of self instructional module on knowledge and practice regarding source , preservation and utilization of water .
4. Effect of structured teaching programme on knowledge and practice regarding mosquito control measurers among residents of a selected village in Pathanamthitta District.
5. Work related musculoskeletal problem and varicosities among nurses .
6. Effect of structured teaching programme on knowledge , attitude and practice regarding waste management among the residents of a selected rural area in Pathanamthitta District.
7. Assessment of nutritional status and factors influencing nutritional status of children aged 1-5 years in a selected community.

8.Seminars Conducted

(a) State Level

- We have organized the world Mental Health Week Celebration along with Mental Health Nurse Forum.
- On 09/04/12 a one day workshop was organized by Pushpagiri College of Nursing for the faculty and postgraduate students of Nursing College and Nursing School regarding Nursing Process and Gordon's functional model of Nursing Assessment.

(b) National Level

1. On 13th & 14th of July 2012 a two day National workshop was organized on 'Clinical Teaching Methods' by the post graduate students of Pushpagiri College of Nursing. It was attended by faculty members from different colleges and participation was limited to 30 members only. Eminent faculty from different colleges in Kerala were the resource persons.

(c) International Level

1. Conducted an international Conference on Emerging Possibilities in Gerontology on 02nd March 2012 a joint venture with Institute of Social Gerontology and Research ,Bangalore.

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

(a) State Level

- We have organized the World Mental Health Week Celebration along with Mental Health Nurses Forum, IMA and Indian Psychiatric Society. Prof. Beena Bhasan & Mrs. Sheeja Mathew participated in Panel Discussion on the theme.
- Mrs. Magi Xavier, Asso. Professor- Child Health Nursing Department was the resource person for the Research Methodology workshop vexation 2012 organized by 2nd year M.Sc Nursing student of University College of Nursing Gandhi Nagar and she presented the paper on 'Role of Nurse in Research Utilization

(b) National Level

- Prof Beena Bhasan presented a paper on current issues in Nursing Education at the Two day National workshop organized by Amala College of Nursing , Thrissur on 20th & 21st of April 2012.
- Rev Sr. Terese SIC , Associate Professor – Medical Surgical Nursing Department presented a paper on provisions and programs of elderly at UGC Sponsored National Seminar organized by St. Teresa's College , Ernakulam

(c) International Level

- A one day International Conference was organized by Pushpagiri College of Nursing along with Institute of Social Gerontology and Research Bangalore at Mar Athanasios Senate Hall on "Emerging possibilities in Gernatology". There were seven resource persons from US and Europe and from National Institute of Mental Health and Neuro Sciences , Bangalore. Over 400 students and faculty from Kottayam, Aleppey and Pathanamthitta district participated in the same

10.Research Highlights of Faculty/Scholars (A Short Discription)

One faculty member is currently doing Ph D

11.Students Activities/ Achievements –(Extra Curricular)

Mr.Anit C Poulouse of III year B Sc (N) was elected as the SNA Zonal Secretary of South East Zone and Ms. Anju Varghese of IV year as the zonal joint secretary.

		en		n	n		n	n			en
M.B.B.S.	30	70	MD Anatomy		1	NA			NA		
			MD Pathology		2						
			MS Orthopaedics	2							
			MS ENT	1	1						
			MS OBG		2						
			MD Paediatrics	1	1						
			DCH Paediatrics	2							
			MD Psychiatry	1	1						
			DPM Psychiatry	1	1						
			MD Microbiology		1						
			MD General Medicine	3	1						
			MS General Surgery	2							
			MD Dermatology		2						
			MD Radiology	1	1						
			DDVL Dermatology		1						
			DMRD Radiology	2							
			MD Anaesthesiology		2						
			DA Anaesthesiology	1	1						

5. Student Intake

Under Graduate	Appeared		Passed	
	M	W	M	W
MBBS	43	84	31	68

6. Details of Tests cleared by Students (if any)

PG Entrance	National Level	State Level
	AIMS, AIPGE, JIPMER, Manipal – total 30 students	Kerala State PG Entrance – total 22 students

7. Library

(a) Total Number of Books	-	11,207
(b) Total Number of Journals	-	179
(c) Total Number of Periodicals	-	724
(d) Number of titles added during the year	-	1953

8. Academic Achievements

	1 st MBBS	2 nd MBBS	3 rd MBBS Part I	3 rd MBBS Part II
Passed	96	106	19	99
First Class	52	36	nil	17
Distinction	05	01	nil	01

9. Students achievements – Academic

1. Association of on set of use of alcohol and alcohol related problems in later life – A community study using ‘The Alcohol Use Disorder Identification Test’ (AUDIT).
Student – Ms. G. Thushara, VIII Batch
Guide - Dr. A. Rajeev, Professor of Community Medicine
2. Determination of MED on Keralite skin type
Student – Ms. Smrithi Sara Thomas
Guide – Dr. Jacob Thomas, Professor of Dermatology
3. Rapid Diagnosis of Clostridium difficile induced Acute Diarrhoea in critical care patients in a tertiary care Hospital
Student – Ms. Nithya Ann Jacob
Guide - Dr. P.M. Sivan Pillai
4. Laboratory based surveillance of surgical site infections with clinic microbiological correlation
Student – Tresy Jose
Guide – Dr. Ajith Vijayan

10. Students Activities / Achievements – (Extra Curricular)

(a) Arts Festivals : Arts Festival of PIMS& RC
Quiz Competition ‘Impulse’, Kottayam Medical College.
MG Youth Fest, Thiruvalla
Quiz Competition, Marthoma College, Thiruvalla
KUHS Dance Fest, Shornur
Essay Writing and Quiz Competition, Dept. of Forestry,

Kerala

(b) Sports : Mar Theophilos Memorial Basketball Tournament,
PIMS&RC – 1st place
Zonal KUHS Volleyball Tournament, Kottayam – 1st place
Zonal KUHS Badminton Tournament, Kottayam – 1st place
Zonal KUHS Chess Tournament, Kottayam – 2nd place
Inter zonal KUHS Volleyball Tournament, Pariyaram – 3rd
place
M. G. University Volleyball Tournament, PIMS&RC
Zonal KUHS Table Tennis Tournament, Kottayam.
Zonal KUHS Football Tournament, Kottayam.

RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY

1.Name of the College : Rajagiri School of Engineering & Technology
(RSET)

Website : www.rajagiritech.ac.in

E-Mail : office@rajagiritech.ac.in

2.Name of the Principal : Dr. J.Isaac

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching		74	5	0	155

	81				
Non Teaching	59	7	0	0	66

4.Courses Offered with Number of seats

Under Graduate *	Number of Seats #		Post Graduate @	Number of Seats	
B.Tech AE&I	60		M.Tech SP	1 8	
B.Tech. ECE	120		M.Tech VD&ES	1 8	
B.Tech. EEE	60		M.Tech ID&C	2 4	
B.Tech. CSE	120		M.Tech CS&IS	2 4	
B.Tech. IT	60		M.Tech NE	1 8	
B.Tech ME	60				

5% seats under Tuition Fee Waiver scheme is not included.

* 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

Intake , those Appeared in the Examination and Passed M-Men, W-Women																			
Under Graduate*	Appeared		Passed		Post Graduate @	Appeared		Passed		M . P h i l	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	51		45		M.Tech SP	18 ^s		8 ^s											
B.Tech . ECE	120		100		M.Tech VD&ES	18 [#]		18 [#]											
B.Tech . EEE	60		51		M.Tech ID&C	17 ^s		15 ^s											
B.Tech . CSE	117		106		M.Tech CS&IS	17 [#]		17 [#]											
B.Tech . IT	60		40		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 and ^s Based on Semester-1 Results [Last published results]

6. Details of Tests cleared by Students

Sl.No	National Level	State Level	
.	GATE – 32		
	CAT – 1, MAT-3		

7. Library

(a) Total Number of Books : 23455 Printed Books + 2063 E-Books- Mc Graw Hill (Access Engineering Library) & ASTM

(b) Total Number of Journals : 135 Printed Journals + 7751 E journals - IEEE/ASSP, IEEE /POP, ASME, ASTM, Elsevier Science Direct, J-Gate, Springer

(c) Total Number of Periodicals : 54

(d) Number of titles added during the year : 888

8. Grants Received From

(a) State Government :

1. Sanctioned Rs 50,000/- from KSCSTE for International Conference Eco-friendly Computing and Communication Systems (ICECCS) during August 2012
2. Sanctioned Rs 50,000/- from KSCSTE for International Conference Eco-friendly Computing and Communication Systems (ICECCS) during August 2012

(b) Central Government :

1. 2.5 Lakhs Received from ONGC for International Conference
2. Department of Basic Sciences & Humanities received Rs. 8.0 lakhs for three years from DST for a project on “Infinite iterated function system in Complete metric spaces and Fractal – ECG Analysis”
3. Department of Science & Technology has sanctioned Rs. 34.2 lakhs for three years for a project on “Design and Development of Buoyancy – driven Distillation Unit Powered by Solar Combi-collector”
4. Department of Basic Science & Humanities received aRs. 24.0 lakhs for three years from DRDO for a project on “Analysis of Sea Clutter using chaotic models” in the year 2011.

(c) University Grant Commission

1. Department of Basic Sciences & Humanities received Rs. 12.3 lakhs for for the project on “Analysis on Fractafolds” for three years in the year 2011

(d) Others - Specify

9. Seminars Conducted

(a) State Level

1. Department of Computer Science has conducted a three day ISTE workshop on 'Recent Trends in Computing' on 26-28 November, 2012
2. Deapartment of Applied Electronics & Instrumentation conducted a 5- day workshop on “Modern Trends in Industrial Automation” was organized from April 23 to 27, 2012.

(b) National Level

1. Faculty Development Programme on Applications of Mathematics from 3rd December 2012 to 15th December 2012.

(c) International Level :

1. Conducted 3 days International Conference on Advances in Computing and Communications(ICACC) on August 2012 and International conference on Eco-friendly Computing and Communication Systems (ICECCS) during August 2012
2. International conference on Eco-friendly Computing and Communication Systems (ICECCS) in August 2012
3. IWASP- The International Workshop on Applications of Signal Processing (I-WASP 2012) held as a part of International Conference on Advances in Computing and Communications

(ACC) at RSET, from 9th August to 11th August 2012. International Conference on Advances in Computing and Communications (ACC).

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

(a) State Level

➤ By Department of Information Technology

Sl.No.	Name	Details
1	Binu A. Asst. Professor	Key Note talk on "Virtualization" for Tech Fest of Dept. of IT, Toch Institute of Science and Technology. Cochin in September 2012
2	Binu A. Asst. Professor	Three day workshop on "Moodle" for staff members of Rajagiri School of Social Sciences, Kalamassery organised by International Centre for Open Source Softwares, Govt. of Kerala in September 2012
3	Binu A. Asst. Professor	Three day workshop on "*Information Delivery Systems for Academic and Research nstitutions*" for staff members various Govt. Colleges in Kerala organised by International Centre for Open Source Softwares, Govt. of Kerala in July 2012

➤ Department of Applied Electronics & Instrumentation conducted a one-day workshop for the revised syllabus of the course 'Data Acquisition System' for teachers of other college by Prof. P.R. Madhava Panicker, Prof, Dominic Mathew and Ms. Asha Joseph.

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

➤ From the Department of Information Technology

SL.NO	NAME	PAPER TITLE	PUBLICATION	DATE
1	Arun Soman	Comparative Study of Recent Compressed Sensing	Springer-Verlag Berlin Heidelberg 2012	10-Aug-12
2	Saritha S	An Image Mining Prototype to Achieve Medical Image Diagnosis with Effectiveness	International Journal of Information Processing, 6(2)	2012

3	Saritha S	Enhanced Performance of Engineering Students through REA: A Comparative Analysis	IEEE Conference Publications	Aug-12
4	Preetha K G	“Performance Improvement Of Multiple Connections In Aodv With The Concern Of Node Bandwidth”,	International Journal on AdHoc Networking Systems (IJANS) Vol. 2, No. 3	Jul-12
5	Preetha K G	A Probabilistic Approach to Reduce the Route Establishment Overhead in AODV Algorithm for MANET	international Journal of Distributed and Parallel Systems (IJDPS) Volume 3, Number 2	Mar-12
6	Preetha K G	Impact of bandwidth on multiple connections in AODV Routing Protocol for Mobile Ad-hoc Network	Springer	May-12
7	Preetha K G	Enhanced Performance of Engineering Students through REA: A Comparative Analysis	IEEE Conference Publications	Aug-12
8	Preetha K G	Dynamic Fuzzy based Reputation Model for the Assurance of Node security in AODV for Mobile Ad-hoc Network	Springer	May-12
9	Preetha K G	A Novel Approach for Green Computing through Event-driven Power Aware Pervasive Computing	Springer	Jan-12
10	Preetha K G	EDPAC : Event-Driven Power Aware Pervasive Computing for Effective Power Utilization in Green Computing	International Journal of Advanced Information Technology (IJAIT), Volume 2,	Feb-12

11	Preetha K G	A QoS and QoE Collaborative Scheme for Effective Network Selection in 4G Communication Systems	IEEE Conference Publications	Apr-12
12	Preetha K G	Enabling Location Privacy in Pervasive Computing by Fragmenting Location Information of Users	Springer	Aug-12
13	Preetha K G	A Comparative Study On Effective Schemes For Network Selection In 4g Communication Systems	International Journal of Modern Engineering Research (IJMER)Vol.2, Issue.4,	Jul-Aug 2012
14	Divya James	A Novel Antiphishing FrameWork Based on Visual Cryptography	IEEE Conference Publications	Jan-12
15	Divya James	A Novel Security Architecture for Biometric Templates using Visual Cryptography and Chaotic Image Encryption	Springer-Verlag Berlin Heidelberg 2012	Aug-12
16	Divya James	A Novel Face Template Protection Scheme based on Chaos and Visual Cryptography	International Journal of Applied Information Systems	May-12
17	Mariam Varghese	Object Oriented Design: A Comparitive study on design methodologies	Conference proceedings - National conference on Advances in Electrical Electronics communication computing & Networking Technologies(NCEECCN)2012	Mar-12
18	Biju Paul		International Journal on networking	Jul-12

19	Biju Paul		Conference proceedings- International conference in advances in computer science	Jun-12
20	Mary John	Object Oriented Design: A Comparitive study on design methodologies	Conference proceedings - National conference on Advances in Electrical Electronics communication computing & Networking Technologies (NCEECCN)2012	Mar-12
21	Jisha G	Distance Aware Zone Routing Protocol for Less Delay Transmission and Efficient Bandwidth Utilization	Springer	May-12
22	Jisha G	Survey on various improvements of Zone Routing Protocol	Springer	Aug-12
23	Jisha G	Enhanced Distance Aware Zone Routing Protocol	Advances in Networks and Communications", IJCNC	2012
24	Jisha G	Coverage Based Route Maintenance in MANET Routing Protocol	IEEE Conference Publications	Nov-12
25	Neeba E A	Object Oriented Design: A Comparitive study on design methodologies	Conference proceedings - National conference on Advances in Electrical Electronics communication computing & Networking Technologies (NCEECCN)2012	Mar-12
26	Abey Abraham	Routing Strategies in Delay Tolerant Networks-A Survey	IEEE Conference Publications	16-Dec-12
27	Abey Abraham	Analysis of Routing Strategies in Delay Tolerant Networks	International Journal of Computer applications	Mar-12

➤ From the Department of Electronics & Communication Engineering

Sl No.	Faculty	Title of the paper	Conference / Journal	Date
1	Sudheesh.P.G	All Digital Ultra Wideband Transmitter Design	National conference on Current Trends in Computing (NCCTC 2012)	March 1-2,2012
2	Jaison Jacob	Cellular Automata Approach for Spectrum Sensing in Energy Efficient Sensor Network Aided Cognitive Radio	The international conference on Eco-friendly computing and communication systems(ICECCS-2012)	August 2012
3	Dr.Jobin K. Antony	Single laser based dual-wavelength ablation technique for emission enhancement during LIBS	The international Journal of Physics D: Applied Physics. (DOI:10.1088/0022-3727/45/36/365401)	August 2012
4	Dr.Jobin K. Antony	Dual-wavelength laser induced breakdown spectroscopic technique for emission enhancement in vacuum	the international Journal Applied Physics A. (DOI:10.1007/s00339-012-7282-y)	August 2012
5	Anoop Thomas	New Approach for Fingerprint Detection Based on Singular Points	International conference - ARTCOM (Advances in Recent Technologies in Communication & Computing) 2012	Oct19-20,2012
6	Delson.T.R	Development of a simple Fingerprint Pattern verification method and construction of fake fingerprint image models	National conference	15 th November 2012
7	Anisha Natarajan	Implementation of Time Domain Beamformer for a Circular Array on FPGA using	CISCON-2012	17 th November 2012

		System Generator		
8	Deepa Prabhu	Real time sign language recognition system on embedded platform	CISCON-2012	17 th November 2012
9	Sarin Abraham	Comparison of adaptive beamforming algorithm and its implementation on tiger SHARC processor TS-201	CISCON-2012	17 th November 2012

Sl. No	Author	Paper Title	Conference	Published in	Month of Publication
1	Prof. Dominic Mathew	Compression of Pseudo Periodic Signals using 2D Wavelet Transform	NA	The American Journal of Signal Processing	March 2012
2	Prof. Dominic Mathew	Simulation of a Vibration Based Green Energy Harvesting System	Recent Trends in Electrical, Electronics & Information Technology (RTEEIT)	Proceedings of International Conferences	November 2012
3	Mr. Balu Raveendran	Design of Modular Pressure Transmitter with Wireless Capability	IEEE Students Conference on Electrical, Electronics & Computer Science	IEEE (Conference Publication)	March 2012
4	Ms. Sukanya R Warier	Design of controllers based on MPC for a	International Conference on Advances in Engineering,	IEEE (Conference Publication)	March 2012

		conical tank system	Science and Management (ICAESM 2012)		
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NO	NAME	PAPER TITLE	CONFERENCE/ JOURNAL NAME
1	Prathibha P K	Presented and published paper in the National conference at Manipal Institute of Technology, Manipal titled “Multilevel control of Variable Speed Wind Turbine Generator and MPPT using Fuzzy Logic Controller”	AECT 2012
2	Salitha K.	1)."Analysis and Simulation Studies for the Estimation of Rotor Position in Sensorless BLDC". 2). Position Sensorless Permanent Magnet Brushless DC motor Drive BLDC” 3).Simulation for Position Sensorless BLDC Motor Drive with Initial Rotor Position Estimation is published in IRNet Explore	IRNet Explore 2012 ICETE-12 ICEECS-2012 Conference
3	GINNES K JOHN	1. “Circuit design and simulation of low voltage energy harvesting using switching converters”, National Conference Proceeding of NCIEEE’12 (ISBN: 978-81-909042-6-1) Volume 2, 1st – 2nd March 2012 2. “ Simulation of Current Controlled Modulation Technique for Brushless DC Motor”, International Conference Proceedings of ICETE-12 (ISBN: 978-81-923974-0-5) 15 th -16 th May 2012	NCIEEE’12 National conference ICETE-12 International Conference

		<p>3. “ Simulation of vibration based green energy harvesting system”, International conference proceedings of IRNet Explore ICEECS-2012 Conference</p> <p>11th November 2012</p>	<p>ICEECS-2012 International Conference</p>
4	Rinu Alice Koshy	<p>1. Published a paper titled “A two surface discrete sliding mode control based on Approach Angle Reaching Law”</p> <p>2. “Control of rotary flexible joint by Two surface discrete sliding mode control based on Approach angle Reaching Law”</p> <p>3. Paper ‘A Novel AC-AC voltage stabilizer regulated by buck boost mode’.</p> <p>4. Paper “Non-isolated Bidirectional ZVS DC-DC Converter”</p>	<p>1. International Conference on Control and automation, Hongkong May 2012</p> <p>2. International Journal on “Electronic Communication and computer Engineering”, June 2012</p> <p>3. NCRTE’12 at MBCET, Peermade</p> <p>4. NCRTE’12 at MBCET</p>
5	Anna Mathew	<p>Paper title : ‘Analysis and simulation study on Commutation Torque ripple for brushless DC motor by Duty Ratio Control’</p> <p>ICETE12 – International Conference on Emerging trends in Engineering held at NMAM Institute of Technology , NITTE ,</p> <p>15 – 16 May 2012</p> <p>(ISBN no : 978-81-923974-0-5)</p>	<p>ICETE12</p>

6	Caroline Ann Sam	<p>1. Published paper titled “Compact Synchronous Buck voltage regulator with ZVS for Wide Load Range” in National Conference proceedings at Sathyabama University, Chennai.</p> <p>2. Published paper titled “Resonant Switched Capacitor Converter for Multilevel Inverters” in National Conference proceedings at Easwari Engineering College, Chennai</p>	<p>NCIEEE’12</p> <p>TAPSPEE 2012</p>
7	Prof. J.T Kuncheria	<p>1. “Analysis of Direct torque control strategy for permanent magnet synchronous motor drive”.</p> <p>2. “An effective high voltage full bridge DC-DC converter for high voltage DC applications”.</p>	<p>ICETE 2012 at NMAMIT ,Nitte kARNATAKA</p> <p>ICEECS Ooty,June 2012</p>
8	Prof. K. R Varmah	<p>1. Published paper titled “Design and Simulation of a Novel High Efficiency ZCS Buck converter”.</p> <p>2. Published paper titled “Circuit design and simulation of low voltage energy harvesting using switching converters”.</p> <p>3. Published paper titled “Simulation of HPF Offline Power supply for wide input voltage ranges using IBFC”.</p> <p>4. Paper ‘A Novel AC-AC voltage stabilizer regulated by buck boost mode’.</p>	<p>1. NCIEEE’12 National conference</p> <p>2. NCIEEE’12 National conference</p> <p>3. NCIEEE’12 National conference</p> <p>4. NCRTE’12 at MBCET, Peermade</p>
9	Thomas K P	<p>1. “Capacitor as an Accelerator in Electric and Hybrid Electric Vehicle”</p>	<p>NCRTE’12 at MBCET, Peermade</p>

- G. T. Manoj, “Ultimate Strength Predictions of Hat Stiffened Plates”, The proceedings of International Conference on Recent Innovations in Technology (ICRIT 2012), RIT, Kottayam, Kerala, pp 39-45 January 12-14, 2012.

- Beena Mary John on ‘Acoustic cloaks for plates and cylinders’ at the National Symposium on Acoustics held at KSR Institute of Engineering and Technology, Tiruchengode, Namakkal Dt., Tamil Nadu.
- Ramkumar P.B , Fault Analysis using Mathematical Morphology and Fractal Geometry ,International Journal of Emerging Technology and Advanced Engineering ,ISSN 2250 -2459 ,Volume 2 , Issue 6, June 2012.
- Ramkumar P.B , Higher Dimensional Image Analysis using Brunn – Minkowski Theorem ,Convexity and Mathematical Morphology, Journal of Information Engineering and Applications, ISSN 2224 -5782 (print) ISSN 2225 - 0506 (online),Vol 2, No.4 ,2012
- Panthaloorkan, V., 2012. On development of a solar combi-collector to power a solar distillation unit. Proceedings of InterSolar India Conference, The Leela Kempinski Hotel, Mumbai, 5-6. November, 2012.
- Panthaloorkan,V., 2012. Serendipity favors prepared minds. Popular article in the Journal on Education “Pallikkutam”.
- Ms. Sonia Paul, A novel approach to vocabulary building in under graduate engineering programmes, Karunya Journal of Research , Vol- 3 ,Issue -2 ,ISSN – 0974-7214

12. Research Highlights of Faculty/Scholars (A Short Discription)

- The following faculty members have joined for the Ph.D. Programme from various Departments.
 - i) Shimmi Ashokan , in the area Formal Modeling & Verification of Software Systems
 - ii) Sminu Izudheen, the area of Data Mining in Bioinformatics.
 - iii) Mary Priya Sebastian in the area of Statistical Machine Translation
 - iv) Dhanya P.M. in the area of Natural Language processing, p2p, Graph Thoery, Data mining
 - v) Tripti. C. in the area of VANET
- Six Faculty members from the department of IT are doing PhD programs in various universities
- The following faculties from the Department of Electrical & Electronics doing Ph.D in various universities
 - 1.Rinu Alice Koshy – Control System
 - 2.Karthikeyan K B – Bio Medical

3. Thomas K P – Guidance and Control

- Mr. Manoj Tharian, department of Mechanical Engineering

Area of interest – Finite Element Analysis

- Department of Science & Humanities

1) Dr. Vinod Kumar P.B,

Areas of Interest Chaos Theory, Fractal Geometry, Topology, Dynamical Systems, Holomorphic Dynamics, Fractal Image compression, Signal Processing, Information Theory.

Publications & More than 40 publications in National and International journals.
Professional Memberships Member of AMS, IMS, KMA, SIAM

2) Dr. Ramkumar P.B

Area of Interest – Mathematical Morphology , Digital Image Processing , Discrete Mathematics

Publications: More than 10 publications in National

3) Dr. Jasmine Mathew

Area of Interest: Acoustics

4) Dr. Charles Dominic

Area of Interest: Graph Theory

5) Dr(Eng)Fr .Varghese Panthaloookaran M.Sc

Areas of Interest Renewable Energy, Computational Fluid Dynamics, Thermodynamics.

Publications & 4 publications in international journals, 5 technical reports to
Professional Memberships University of Stuttgart and 4 papers in international conferences.

6) Dr. Antony V Varghese

Areas of Interest Electrochemistry, Solution Chemistry, Biosensorsetc.

Publications & He has published 4 papers in International and National Journals

Professional Memberships

13. Academic Achievements (A Short Discription)

- ❖ Ms. Diya Thomas, Ms. Nisha P., Ms. Deepa Mary Thomas students of M.Tech Compute Science & Information System secured 1st, 2nd and 3rd University Ranks respectively. Mr. Abin Jacob of B.Tech. student of Computer Science Branch Secured 3rd rank in the university examination.
- ❖ Dr.Jobin K Antony Received best technical paper award (academics) in the global conference conducted at Fluid Control Research Institute (FCRI) Palakkad.
- ❖ Anoop Thomas,ECE presented a paper titled "New Approach for Fingerprint Detection Based on Singular Points" at an International conference - ARTCOM (Advances in Recent Technologies in Communication & Computing) 2012,Oct19-20,2012,Bangalore,India and published in an International journal International Journal of Signal &Image Processing
- ❖ Anisha Natarajan ECE presented a paper titled "Implementation of Time Domain Beamformer for a Circular Array on FPGA using System Generator' at CISCON-2012 organized by Manipal Institute of Technology, Manipal on 17th November 2012. Also awarded Best Paper for the session Communication & Networks -II
- ❖ Department of Information Technology

Sl.No.	Name	Details
1	Binu A. Asst. Professor	Open Source Software Consultant to International Centre for Open Source Softwares, Govt. of Kerala
2	Binu A. Asst. Professor	Technical Consultant and Architect of Digital Resource Centre of CSI, Head Quarters(http://csidl.org)
3	Kuttyamma A.J. Professor	Workshop Chair for ICACC/ICEACCS workshops on Computing and Communications
4	Kuttyamma A.J. Professor	Member of the Springer Publication of Eco-friendly Computing and Communication Systems Conference Proceedings
5	Biju Paul Asst. Professor	Coordinator of the International Conference on Advances in Computing and Communications(ICACC) and International conference on Eco-friendly Computing and Communication Systems (ICECCS) during August 2012

14. Student Achievements - Academic (A Short Discription)

❖ Department of Electronics & Communication Engineering

University Ranks

Name	Course	Discipline	Discipline	Rank
Ms. Arathi S.G	M.Tech.	ECE	VLSI & Embedded Systems	2 nd
Ms. Anju Suresh	M.Tech.	ECE	VLSI & Embedded Systems	3 rd

Paper Published

Student	Title of the paper	Conference / Journal	College	Date
Manu Prasad	MR Scan time reduction using echo prediction	International Journal of Imaging systems and technology, published by wiley-Blackwell		
Kasthuri E S	Speech filters for speech signal noise reduction	International Journal of Computer Applications (0975-8887), vol55 No.18		October 2012
RAJI C R	RECONFIGURABLE COGNITIVE NETWORKS	IEEE Conference WICT 2012		

❖ In the B.Tech final year examinations conducted in April-May 2012, Mr. Mohammed Nizwan secured the first rank in M. G. University in Applied Electronics & Instrumentation Engineering.

15. 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 2nd prize in the debate on the topic 'Indian Economy' at St. Theresa's college, Ernakulam on 4th Feb 2012

(a) National Cadet Corps

Not applicable

(b) National Service Scheme

NSS has given us a platform to serve the society and bring happiness and smile on many faces. We created a hub to deliver services to the society by showcasing our talents. So it's not simply an association. it's a reason to achieve our objective and carry on the legacy for the coming years. We started the enrolment procedure for the current academic year in the month of June 2011 and 100 students joined as NSS volunteers for the Academic Year 2011-2012.

SHUCHITHUVA BHODHANA YATHRA

Closing ceremony of "SHUCHITHUVA BHODHANA YATHRA" was coordinated by NSS Unit of RSET. 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.

- The NSS Unit of RSET distributed 10 study table and chair to financially backward students who are sponsored by RSET family.
- NSS with the help of Management, Faculty and Students sponsored 50 students last year. This was organized with the help of Rajagiri Out reach.
- More than 100 students donated blood for patients in different hospitals.
- NSS distributed 50 school bags and note books for financially backward students. Onam celebration were conducted for the sponsored students.

- NSS coordinated a 1 week social service program exclusively for S3 students which included Social Economic Survey, Suraksha Migriant Project, BPCL Survey, Child Care Awareness; Old age Home visits etc. in the month of may 2012.
- From the benefit from Honesty Shop we were able to sponsor the education of one financially backward student.

A social awareness session was organized for the first year students. And more than 100 students joined in NSS. They also contributes Rs. 1,32,000/- for charitable activities

Arts Festivals

BHARATHAM 2012

Rajagiri School of Engineering and Technology (RASET), Kakkanad, conducted the cultural extravaganza, *Bharatham 2011-12* from 2nd February 2012 to 4th february 2012. Bharatham 2012 consisted of 57 events and was divided into 2 categories- literary events and the main events. The literary events were conducted from 24th January to 31st January from 3.30p.m. to 4.30 p.m. The main events were conducted over a span of two and a half days starting from 2nd Feb 3.30 p.m. The fest was conducted house wise with names *Spartans, Vikings, Aryans, Mughals* and *Rajputs*.

The festival was inaugurated by Mr.Ramesh Pisharody and Mr.Dharmajan (famous film actors and comedians) and Dr.J.Isaac, Principal, RASET presided the inaugural ceremony. Mr.Antony Palakkan (Arts Club Secretary, Student Council) and Mr.Wilfred Baby (Chairman, Student Council) were also present on the dais.

After the inaugural ceremony, 2 events were conducted at Chavara hall. On the second day events were conducted in five different venues. And on the final day 7 events were conducted in three different venues .Chavara Hall, Pareeksha Bhavan halls ,Gallery Hall of New Block were the main venues.

The closing ceremony was on the 4th of February at 4.00 PM. MridulaK. of Rajputs was adjudged the KALATHILAKAM and Amal shaju of Rajputs was adjudged the KALAPRATHIBHA. Vinitha Raju of Spartans was adjudged the Best actress and Arun Joseph of Spartans adjudged the Best Actor. Ashik Vithayathil of S8AEI and Archana Sasikumar of S8CSE were selected as best volunteers. Rajputs led by Mohammed Rizwan won the overall championship while Vikings led by Jithin Skariah finished runners up. Mughals finished third, Aryans finished fourth while Spartans 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 and Staff in the events organized, made the three days fest a grand success.

(d) Sports

Physical Education, Sports and Fitness being an integral part of Rajagirians total Educational Programme. The athletically inclined can take advantage of Basketball Courts (with Floodlight facility), Cricket Ground (associate with Kerala Cricket Association), Volleyball Court, Badminton Court, Throw ball Court, Tennis Court and Indoor facilities (for Badminton & Table Tennis).The campus has an excellent Fitness centre with modern fitness equipments. RSET has been maintaining a high standard in almost all games.

- As in the previous year (2011-12) our college sportsmen and women participated in various sports and games and won many laurels to our institution.

Students Representation

- Stephy Caroline of S1&2 student represented M.G University Table Tennis women team for the south zone inter university Table Tennis Championship held at Kannur University, Kannur.
- Tharun Saji of S8 Student selected for M.G University Basketball men team in the year 2012-13

The inter collegiate tournaments that our college organized in 2011-12

- “RAJAGIRI TROPHY” All-Kerala inter-collegiate Basketball tournament

The intra college events were

- “CHAVARA CUP” Inter Rajagiri Basketball Tournament.
- Inter Class Games for 1st Year Students.
- Inter-House Games.
- Inter-Hostel Competitions
- Annual Athletic Meet
- Staff Games.

16.Industry Varsity Linkage (If any, Short Discription)

Industry – Institute Interaction, RSET - 2011

The Industry Institute Interaction cell of RSET maintain cordial relations with various reputed industries in the country for the benefit of the academic community of the college as well as the practising engineers in industries. Regular programs were conducted in the year 2012 until date. The following is a description in chronological order of the activities involving interaction with industries.

- Seminar on “*Process Safety & Industrial Automation: An Introduction*” on 30th January 2012

- A Talk by Mr. Javed Hussan Chairman, Nest group of Companies on “*Innovative Thinking*” on 24th February 2012
- “*BPCL - Encon Club competition on Environment Conservation*” on 3rd March 2012.
- Seminar on “*Net Programming*” on 3rd March 2012.
- Seminar on “*Advanced Networking*” on 5th March 2012.
- A Workshop on “*Adobe Photoshop*” on 6th & 7th March 2012.
- A Seminar by Orell Techno Systems on 14th April 2012.
- Preliminary Meeting of formation of ISOI – Kochi Chapter on 23rd April 2012.
- Signing of MoU with VVDN on 2nd April 2012.
- Formation of ISOI – Kochi Chapter on 13th April 2012.
- A Workshop on “*Modern Trends in Industrial Automation*” from 23rd to 27th April 2012.
- Demonstration of CAD/CAM software on 15th May 2012
- Faculty Enablement Program by Infosys from 25th to 29th June 2012.
- “*Training Program on Process Control & Instrumentation*” from 21st June to 25th September 2012.
- Core group committee meeting on 6th July 2012.
- Inauguration of Instrument Society of India Kochi Chapter on 14th July 2012.
- Seminar – “*Environmental Sensing and Monitoring*” on 24th July 2012.
- Seminar on “*Data Acquisition and Telemetry Systems*” on 21st August 2012.
- Seminar on “*Emerging Trends in the industry of VLSI Design and Embedded Systems*” by Wipro on 10th September 2012.
- Interactive session with CEO of Start Up Village, Kochi on 24th September 2012..
- Talk on “*Initiatives of National Innovation Council*” on 29th October 2012.
- Workshop on “*Labview for faculty members*” from 5th to 7th November 2012.

17.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-6820

2. ARBITRON TECHNOLOGY SERVICES INDIA Pvt Ltd.

5th 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.

18.Student Progression

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

Higher Studies DEC

Name of the Student	Course	College
Nikhil Joy	MBA	IIM Calicut
Rejin Johny	MBA	IIM Calicut

19.Campus Recruitment (if any)

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Subex	160	86	60	32
2	Infosys	109	168	58	35
3	Poornam	56	32	4	2
4	HCL	149	110	89	47
5	IBS	26	21	4	1
6	Coreel	35	7	1	0
7	Wipro	109	102	48	63
8	CTS	180	175	60	80

20.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 ,
www.rajagiritech.ac.in
- ii) Dr. Vinod Kumar P.B., www.rajagiritech.ac.in
- iii) Dr. (Ing) Fr. Varghese Panthaloorkaran, varghese@rajagiritech.ac.in,
www.rajagiritech.ac.in
- iv) Dr. Antony V.Varghese, antony_v@rajagiritech.ac.in, www.rajagiritech.ac.in

RAJAGIRI COLLEGE OF SOCIAL SCIENCES

1. Name of the College (With e-mail and website) : Rajagiri College of Social Sciences,
Kalamassery, E-mail:admin@rajagiri.edu, Website.www.rajagiri.edu

2. Name of the Principal : Dr.Joseph I Injodey

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	17	3	nil	nil	20
Non-Teaching	3	2	nil	nil	5
Teaching (SF)	28	16	nil	nil	44
Non-Teaching(SF)	17	12	nil	nil	29

4. Course Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
BSW	12	25	MSW	11	20
			MBA	33	22
			MHRM	16	24

			PGDAHS	3	1
			MBA (SF)	31	29
			MCA(SF)	16	29
			BLISc (SF)	5	9

5. Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
BSW 35	17	18	15	17	MSW	10	13	Result awaiting	
					MBA	29	28	Result awaiting	
					MHRM	10	25	Result awaiting	
					PGDAHS	3	2	Result awaiting	
					MBA (SF)	29	29	Result awaiting	
					MCA(SF)	13	30	Result awaiting	
					BLISc (SF)	9	5	Result awaiting	

6. Library

- a) Total Number of Books :26650
- b) Total Number of Journals :103
- c) Total Number of Periodicals :33
- d) Number of titles added during the year :348

7. Grants Received From

- a) University Grant Commission :2592903

8. SEMINARS CONDUCTED

- DYUTI 2012, the biennial international conference of the School of Social Work on the theme-
“Family Competence for Social Development- Emerging Paradigms in Social Work practice”, was held at the Hill campus from 12-14 January 2012. A film festival on the theme of DYUTI was held on first day. The Conference was inaugurated by Minister Ibrahim Kunju, honorable Minister for Public Works Department. There were plenary sessions as well as paper presentations on the second and third days of the conference. Seventy five external delegates participated in the conference. The concluding ceremony was presided over by Mar Bosco Puthur, Curial Boshop of Ernakulam Angamaly Arch Diocese.
- SOUTHERN REGIONAL SOCIAL WORK EDUCATORS CONSULTATION MEET-
Rajagiri College of Social Sciences and Association of Schools of Social Work in Kerala in collaboration with Tata Institute of Social Sciences, Mumbai organized the Southern Regional Social Work Educators meet on 13-14 January 2012. Thirty delegates from four Southern States participated in the meet
- IT-EUPHORIA 2012- The National Inter-Collegiate IT fest of the School of Computer Science was conducted from 16-18 February 2012 at Hill Campus, Kalamassery. The function was inaugurated by Mr. Hibi Eden, MLA and Mr. Rajesh P. K, Associate Director Cognizant, delivered the key note address. The The Club FM 94.3 was the radio partner and the promotional launching of the film ‘Nidhra’ was unveiled by cine artist KPAC Laitha. Almost 300 students from from 41 colleges participated in the event. The UST Global offered a job order to the candidate who came first in Coding and Logic Manse to the winner in Animation.

SEMINARS ATTENDED BY FACULTY

STATE LEVEL

a) Social work

sl. no.	name	programme	Venue	period
	Dr. T.O. Poulose	UGC refresher course on Human Rights	University of Kerala, Trivandrum	16 th July to 6 th August 2012
1	Dr. Sr. Pushpa	UGC Sponsored “National Seminar on Ageing & Society: A Multidisciplinary Approach	St. Tresa’s College, Ernakulam	4 th and 5 th October 2012
2	Dr. Sr. Pushpa	two – day Training Programme on “Information Delivery for Academic and Research Institutions (IDSARI 1.0)”	ICFOSS, Technopark, Trivandrum and Rajagiri College of Social Sciences, Kalamassery	24 th September to 25 th September 2012
3	Dr. Fr. M.K Joseph	International seminar on social protection policies and perspective	Marian college Kuttikannam	13 th to 14 th Dec 2012
4	Dr. Anish K.R	11 th World Congress of World Association of Psychosocial Rehabilitation	Milan, Italy	10-13 November 2012

COMPUTER SCIENCE

2	Dr. P.X. Joseph	Memorial Lecture on “ Some Applications of Graph Theory	Abhayam Hall Thripunithura	5 th January 2012
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2	Dr. P.X. Joseph & Mrs. Abusha Zafar	the Science Conference “SHASTRA 2012”	Kerala Science & Technology Association	12 th & 13 th January 2012
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SEMINARS CONDUCTED BY FACULTY MEMBERS

A workshop on MSW syllabus Orientation was held at De Paul Institute of Social Work, Angamaly on 31st July 2012. Dr. Mary Joseph, Dr. Lizy P.J., Fr. Joseph M.K. Dr. Anish and Mr. Kiran Thampi were the resource persons

sl. no.	name	programme	organised by	period
1	Dr. T.O. Poullose	Half Day session on Gender sensitization for CISF Unit, CIAL Kochi	Ministry of Home affairs	July 11th, 2012
2	Dr. T.O. Poullose	refresher programmes	NSS, Coconut Board and MLTC	
3	Dr. Anish K.R	Marian Annual Academic Planning Meeting on NAAC New Criteria and Agenda for IQAC	Marian College Kuttikkanam	23 may 2012
4	Kiran Thampi	3 Day workshop on Participatory Rural Appraisal	BCM College Kottayam and Thiruvappu GramaPanchayat	27th to 29th May 2012

FACULTY PUBLICATIONS

a) Social Work

HIV Infection Partners: A Social Worker from India Responds In: Bettmann, Jacques and Frost (<i>International Social Work Practice- Case Studies from a Global</i>	Dr. Anish K.R.,
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	<i>Context.</i> London: Rutledge. Pp56-60	
People with mental illness and human rights; developing countries perspective	ID ISW-12-0004 International Social Work Journal (ISW), Sage Publications Feb 2012	Mr. Kiran Thampi

B) COMPUTER SCIENCE

RESEARCH HIGHLIGHTS OF FACULTY/SCHOLARS

Award of Doctoral Certificate

- Ms. Mariya T. Cheeran - Socio cultural and Familial Problems of IT professionals in Kerala:” to M.G. Univesity during September 2011 under the guidance of Dr. M.S. John
- Ms. Giji George - titled “Unwed Mothers Residing in the Licensed Homes in Kerala” to M.G.University, Kottayam on 13th December 2011 under the guidance of Dr. Mary Joseph
- Fr. Joseph M.K. - titled “Village Milk Co-operatives in Kerala” during March 2012 under the guidance of Fr. Jose Alex
- Prof. Binoy Joseph was awarded doctorate on the topic “Innovative HR practices and Selective HR Outcomes in Software Firms in Kerala“ from Cochin University on February 10, 2012

PARTICIPATION OF RAJAGIRI ADMINISTRATIVE STAFF AT NATIONAL SEMINAR

26 Administrative staff participated in the National Workshop on Staff Excellence, Capability, Growth & Influencing for Effective Customer Relations organised by Centre for Education Beyond Curriculum (CEDBEC), Christ University Bangalore, In association with International Federation of Catholic Universities (IFCU) from 21st to 24th May 2012

ACADEMIC ACHIEVEMENTS

STUDENT ACHIEVEMENTS – ACADEMIC

- 100% placement for students of MSW, MCA and Library Science
- Four BSW Final year students (Ms. Ashilin, Aswati, Reshma and Elizabeth) got selection for KATHO Exchange Programme, Belgium, as part of One month block placement

STUDENT ACHIEVEMENTS – EXTRA CURRICULAR

- Three social work students qualified UGC NET/JRF etc
- Rajagiri team won the Overall championship of Spectra 2012, the national level intercollegiate social work students' meet held in February 2012.
- Final year BSW students were the first runner up for Denova 2012
- Won The Over All Championship in Samanwaya held at BCM college, Kottayam on 10th and 11th December 2012
- Mr. Pramod, PGDAHS (2011-2012 batch) won Bronze medal in 400 metres race in National Paralympic Championship held at Bangalore during March 2012.
- Mr. Eby Panicker, Computer science student Won 'A' Grade in the poetry competition held at the M.G University Youth Festival
- Jossy Cherian, Swapna Madonna and Rinku Roy, MSW students attended a seminar at Summer University, Switzerland in the month of July 2012. The theme of the seminar was 'End of life and social work'

ACADEMIC TIE UPS

International collaboration with the following universities

- 1) Social Work, University Of Maryland, Baltimore (UMSSWB), USA.
- 2) Graduate school of Counselling Psychology, Assumption University, Thailand
- 3) School Of Social Work, University Of Applied Sciences, Western Switzerland Rajagiri College Of Social Sciences (RISER)
- 4) Katho university, Kortrijk, Belgium

NUMBER OF PhD's AWARDED SCHOLARS FROM RAJAGIRI DOCTORAL CENTRE

Social Work - 5
Management - 3

RESEARCH SCHOLARS REGISTERED IN THE COLLEGE

Sl. No	Name of Research Scholar	title	Name of Guide
Social Work			
1	Kiran Thampi	Study on Organization practices of	Dr. Mary Venus

		NGOs in Kerala with special reference to the role of managers	Joseph
2	Saju M.D.	Social work intervention and its impact on Family System for holistic development of children	Dr. Mary Venus Joseph
3	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
Management			
1	Sindhu Joseph	Development of Sustainable Indicators for Medical Tourism Development in Kerala with reference to Modern Medicine	Dr. Robinet Jacob

LIST OF RESEARCH GUIDES

Social Work

Sl. No.	Name of the Guide	Email
1	Rev. Fr. Jose Alex CMI	josealex@rajagiri.edu
2	Dr. Udaya Mahadevan	loyolaswdept@rediffmail.com
3	Dr . Sr. Kochuthresia	
4	Dr . Fr. Varghese K. Varghese	frvarghesekv@gmail.com
5	Dr . Lizy James	lizyjames2002@yahoo.com
6	Dr . Mary Venus Joseph	maryvenusrcss@gmail.com
7	Dr. Joseph I Injodey	josephinjodey@rajagiri.edu

Sociology

1	Dr . Fr. Antony Kariyil CMI	antonykariyilcmi@gmail.com
2	Dr . Celine Sunny	celinekscaria@yahoo.com
3	Dr . Fr. Jose Kuriedeth CMI	jkuriedath@rediffmail.com
4	Dr . S. P. Ravikumar	amjesh@yahoo.com

Social Science

1	Dr. P.M. Chacko	
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Economics

1	Dr. K.K. George	csesind@md4.vsnl.net.in
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Management

1	Dr . James Thomas Kunnanatt	drjamesthomas@gmail.com
2	Dr . V Mukunda Das	mukund@iiitmk.ac.in , vmukunda_das@yahoo.co.uk
3	Dr . Mathew J. Manimala	manimala@iimb.ernet.in
4	Dr. K.S. Chandrasekar	kscnair@Graffiti.net,
5	Dr. M.H. Salim	doctorsalim@gmail.com
6	Dr . Fr. Paul A.K	frpaulak@gmail.com
7	Dr. Robinet Jacob	robinetjacob@gmail.com

SAINTGITTS COLLEGE OF ENGINEERING

1. Name & Address of the Institution : SAINTGITS COLLEGE OF ENGINEERING
KOTTUKULAM HILLS
PATHAMUTTOM P O
KOTTAYAM. KERALA. Pin 686 532.

2. Name of the Principal : Dr. M. C. PHILIPOSE

3. Staff Profile :

Details	Men	Women	SC/ST	Total
Teaching	96	87	1	183
Non Teaching	67	15	1	82

4. Courses Offered

Degree Level :

S.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 :

S.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(2012)		Final Exam Passed	
		Men	Women	Men	Women	Men	Women
2011-12	B.Tech	252	146	442		301	
	MCA	17	43	53		Result Awaited	
	MBA	27	31	57		Result Awaited	
	M.Tech	26	61	71		Result Awaited	

6. Details of Test Cleared by Students :

Sl.No	Name of student	Dept	Level	TEST
1	GITHIN SAJEEV	AEI	National	GATE 2012
2	BRIGESH VARGHESE	AEI	National	GATE 2012
3	HEMA JAYAPRAKASH	AEI	National	GATE 2012
4	AISHWARYA P PAI	ECE	National	GATE 2012
5	JOJO N VARGHESE	ECE	National	GATE 2012
6	IRIN SAJAN	ECE	National	GATE 2012
7	GREESHMA	ECE	National	GATE 2012
8	LIBIN MATHEW	ECE	National	GATE 2012
9	SREERESHMI T. O.	EEE	National	GATE 2012
10	ANJALY MOHAN	EEE	National	GATE 2012
11	NEETHI R. NAIR	EEE	National	GATE 2012

12	BINITA CHACKO	EEE	National	GATE 2012
13	RESHMI ELIAS	EEE	National	GATE 2012
14	GIBY OOMMEN PHILIP	EEE	National	GATE 2012
15	KIRAN BABU	EEE	National	GATE 2012
16	SREEDEVI P. R.	EEE	National	GATE 2012

7. Library

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Details	No of Books		Additions during current year	
	Volumes	Books	Volumes	Books
Books	11158	39327	576	3984
Journals	208		Nil	
Periodicals	18		Nil	
E Journals* 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. Projects Undertaken

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Name of project	Funding agency	Principal investigator	Other investigator	Dept
Study on Multi tiny bulb pile	AICTE	Hari.G	Balu.E.George	CE

Low cost rain harvesting at Kuttanad	AICTE	Hari.G	B Tech students	CE
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9. National Level/State Level Seminars Conducted :

Month & Year	Name of the Event	Department	Level:
Mar-12	Nakshathra (Techno Cultural Fest)	All	National
Sep-12	SFERICS	AEI	National
Apr-12	Advances in Computational Engineering Research (ACER)	CSE	National
Aug-12	ASCEND 2K12	CSE	National
Apr-12	Two day workshop on 'Limit State Design of Steel Structures' as per IS 800:2007	CE	National
Dec-12	National Conference on Recent Advances in Civil Engineering	CE	National
Sep-12	Horizon	EC	National
Jan-12	Add-on Course On AutoCAD	EEE	State
Jan-12	Technical Talk on 'Digital System Using State Machine' by Mr. Riboy Cherian, Associate Professor, EC Department, Saintgits	EEE	State

Feb-12	Technical Talk on 'Appreciating & Preserving The Beauty Of Sine Wave' by Dr. Vincent G. Professor, EEE Dept, RIT Pampady	EEE	State
Feb-12	3 Day Workshop on 'Electrical Machines And Electro Magnetics'*	EEE	State
Jun-12	Technical Workshop by Dr. P.S. Chandramohan Nair, Chairman And Professor, EEE Dept Amrita University	EEE	State
Aug-12	Technical Talk on 'Traction System' by Er. Ravikumar Nair, Executive Engineer, Southern Railways.	EEE	State
Aug-12	Dyuthi 2012 (Technical Fest)	EEE	National
Oct-12	Technical talk on 'Automatic Generation Control on Conventional and De-regulated Power Systems' by Dr. Rajesh Joseph Abraham, Asst. Prof. , Dept. of Avionics, Indian Institute of Space Science and Technology, Trivandrum	EEE	State
Nov-12	Technical talk on 'Smart Electricity Market' by Dr. P. Kanakasabapathy, Associate Professor and Vice-Chairman, Amritapuri , Kollam	EEE	State
Nov-12	Technical Talk on 'Energy Management and Auditing' by Mr. Benet George V., Manager –Energy Efficiency Audits, Schneider Electric India Pvt. Ltd.	EEE	State
Dec-12	Two day workshop on 'Virtual Instrumentation using LabVIEW'**	EEE	State
Dec-12	Expert talk on 'The Electric Car and Renewable Energy Sources-Hype or Solution?' by Dr. Peter Magyar. IEEE-IAS CMD Chair	EEE	State
Sep-10	Mechinus - 2012	ME	State

Apr-12	Workshop on Research Trends, Tools, Modeling & Writing Skills	MCA	State
Aug-12	Radieux 4.0	MCA	A national level technical fest
Jan-12	A one day workshop on 'Drupal-Content Management Software	MCA	State
Jan-12	A technical talk on 'Local Language Computing '	MCA	State
Nov-12	Emerging Dimensions in Marketing - 2012	MBA	National
Nov-12	SIMTHESIS- 5.0	MBA	National
Dec-12	One day Seminar on Environmental Management	MBA	National

10. National Level/State Level Seminars Conducted by Faculty

Month & Year	Name of the conferences and venue	Names of the Faculty	Department	Level
Feb-12	International Conference on Emerging Technology Trends at Mar Baselios Mathews II College of Engineering, Kollam	SUNITHA A DANIEL	CE	International
May-12	National Conference on Recent Advancements in Geotechnical Engineering at Government College of Technology, Coimbatore	JOE G PHILIP	CE	National
Oct-12	International Conference on Future Environment and Energy at NUS, Singapore	SUJITH P ABRAHAM	CE	International
Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering, Kottayam	JOE G PHILIP	CE	National

Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering,Kottayam	JEEVAN JOSEPH	CE	National
Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering,Kottayam	HARI.G	CE	National
Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering,Kottayam	EAPEN SAKARIA	CE	National
Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering,Kottayam	DIPTY SARIN JACOB	CE	National
Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering,Kottayam	CHITHRA S NAIR	CE	National
Dec-12	National Conference on Recent Advances in Civil engineering at Saintgits College of Engineering,Kottayam	CHERIAN C K	CE	National
Oct-12	ROBOTICS Workshop, SAINTGITS	CHINN MOHANAN	ECE	National
Jun-12	EKALAVYA - Research Methodology	BIBIN JOSE	ME	National
Nov-12	EKALAVYA - Aakash for education	BIBIN JOSE, PHILIP JACOB PERAKATHU	ME	National
Dec-12	EKALAVYA - Thermodynamics	SHIYAS K A, BIBIN JOSE,	ME	National
Apr-12	Frieght Logisitics: Opportunities Ahead	AJITH K THOMAS	MBA	National
May-12	A Gateway to Finance for Executives : Junior and Middle Level Managers of Synthite	DR. ROJI GEORGE	MBA	State level

	Industries			
Jun-12	Business and Social protocol for Managers	AJITH K THOMAS	MBA	State level
Jul-12	Workshop on Stock market, Commodities and Forex Derivatives market	SUBRAMONIAM. K	MBA	State level
Jul-12	MDP for staff of Meenachil UrbanCo-operative Bank	SUBRAMONIAM. K	MBA	State level
Jul-12	Investor Awareness Programme for Teachers	SUBRAMONIAM. K	MBA	State level
Jul-12	Investor Awareness Programme for Public	SUBRAMONIAM. K	MBA	State level

11. Publications by Faculty :

Year	Details	Name of the Faculty	Dept
May-12	Development of clean and secure data transmission through MPLS VPN in an enterprise network	SITA RADHAKRISHNAN	AEI
Jan -12 & Feb - 12	1. PWM control of an Electromagnetic suspension system. 2. Design, Modeling and Control of an Electromagnetic SuspensionSystem in Dynamic Ball Motion Control	BINSON V A	AEI
Feb-12	“Extraction of Initial Approximant by Triangular method and Extension of Routh-Hurwitz criterion for Error correction to solve Real-coefficient Polynomial”, ICSCI 2012, Accepted by American Institute of Physics (AIP), USA.	RAMANI BAI V	CSE

Dec-12	"Application of Naïve Bayes Dichotomizer Supported by Expected Risk and Discriminant Function in Clinical Decisions-A Case Study" Will be published in IEEE Xplore Digital Library	ANJU PRATAP	CSE
Dec-12	Building Semi Intelligent Web Cache Systems with Light Weight Machine Learning Techniques, Accepted in Int, J. Computers and Electrical Engg, Elsevier	SAJEEV G P	CSE
Dec-12	Image Hiding Using F5 Algorithm- An Implementation in Volume 1, Issue 6, December 2012 to be published by International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	VIDYA K R	CSE
Oct-12	"A Novel based approach for finding Motion Estimation in Video Compression", in Vol 1, Issue 8, October 2012 and is published by IJARCCE	DEEPA MARY THOMAS	CSE
Aug-12	An Improved Color Video Super-Resolution Using Kernel Regression and Fuzzy Enhancement, Published by IEEE	MANNA ELIZABETH PHILIP	CSE
DEC 20 , 2012	"Pollution of Astamudi Estuary & Ground Water due to Dumping of Municipal Solid Wastes at Kureepuzha, Kollam and its Environmental impacts" was presented in the 2012 International	Dr.M.C.PHILIPOSE	CE

	Conference on Green Technologies which was held at Mar Baselious College of Engg & Technology, Trivandrum		
Jul-2012	"New Techniques to enhance FPGA Based System Security" IJARCET	BINU K MATHEW	EC
Sep-2012	"New Logic Module for Secured FPGA Based System" IJECE	BINU K MATHEW	EC
Oct-2012	A Low Power FPGA using Fine-Grain Power Gating Techniques," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012,Pg. 71-75, Oct. 2012.,	BINU K MATHEW	EC
Oct-2012	Fixed Width Modified Radix - 8 Booth Multiplier," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct. 2012	BINU K MATHEW	EC
Oct-2012	Carry Save Arithmetic using Field Programmable Counter Array, In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct. 2012	BINU K MATHEW	EC
Oct-2012	Built in Self Test for Embedded RAM in SOC," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct.	SHAJIMON K JOHN	EC

	2012.		
Oct-2012	Implementation of an Area Efficient Data Converter with Increased Effective Number of Bits," In Proc. of 12th International Conference on Intelligent System Design and Applications (ISDA) , November 2012.	SHAJIMON K JOHN	EC
Oct-2012	Carry Save Arithmetic using Field Programmable Counter Array, In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct. 2012	SHAJIMON K JOHN	EC
Oct-2012	A RF Energy Harvesting System," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct. 2012.	RIBOY CHERIAN	EC
Oct-2012	A Parallel MAC Based on radix – 4 & Radix - 8 Booth Encoding," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct. 2012.	RIBOY CHERIAN	EC
Oct-2012	In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Pg. 194 – 198, Oct. 2012	PRADEEP C	EC
Oct-2012	1.5v, .18u Area Efficient 32 Bit Adder Using 4T XOR & Modified Manchester Carry Chain," In Proc.	PRADEEP C	EC

	of 12 th International Conf. on Intelligent System Design and Applications (ISDA) , November 2012.		
	RLBSA-Adaptive Routing Algorithm for NOC," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Pg. 60 - 64, Oct. 2012.	PRADEEP C	EC
Oct-2012	Reconfigurable Router using RLBS Algorithm" In IEEE Proc. of 12th International Conference on Intelligent System Design and Applications (ISDA) , Pg. 332 - 336, November 2012.	PRADEEP C	EC
	Design of High Performance FlashMemory Controller," In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Pg. 28 - 31, Oct. 2012	PRADEEP C	EC
Oct-2012	"Reconfigurable Router using RLBS Algorithm" In IEEE Proc. of 12 th International Conference on Intelligent System Design and Applications (ISDA) , Pg. 332 – 336, November 2012.	PRADEEP C	EC
Oct-12	"Implementation of Data Converter With Increased SNR and Reduced Number of Transistors," In Proc. of National Conference on VLSI and Embedded Systems Technology and	AJITH RAVINDRAN	EC

	Advancements, VESTA2012, Oct. 2012.		
Oct-12	“Implementation of an Area Efficient Data Converter with Increased Effective Number of Bits,” In Proc. of 12th International Conference on Intelligent System Design and Applications (ISDA) , November 2012.	AJITH RAVINDRAN	EC
Oct-12	"A Novel Architecture Design & Characterization of CAM Controller IP Core " International Journal Of Electronics & Communication Technology (IJECD)December2012	MARIE K JAMES	EC
Oct-12	"Impact of Temperature & Velocity Dependence on Drain Current in MOSFET with Channel Scaling" at National Conference on Current Advancement in Communication Control & Instrumentation Engineering	JYOTHISH CHANDRAN G	EC
Nov-12	“Implementation of Data Converter With Increased SNR and Reduced Number of Transistors,” In Proc. of National Conference on VLSI and Embedded Systems Technology and Advancements, VESTA2012, Oct. 2012.	JYOTHISH CHANDRAN G	EC
Dec-12	“Implementation of an Area Efficient Data Converter with Increased Effective Number of Bits,” In Proc. of 12th International Conference on Intelligent System	PREENA PRASAD	EC

	Design and Applications (ISDA) , November 2012.		
2012	"A Novel Architecture Design & Characterization of CAM Controller IP Core " International Journal Of Electronics & Communication Technology (IJEC)December2012	SREEKALA K.S	EC
Jan-12	Hybrid Pricing Strategy for small Hydel Energy' in the International Conference EPSICON at Vidya Academy of Science and Technology, Thrissur	JAIMOL THOMAS	EEE
Feb-12	PSO Based Optimal Placement of Fuel Cell DG for maximising the grid performance' in the International Conference ICREU at CIT, Coimbatore	TIBIN JOSEPH	EEE
Feb-12	Investigation of AGC in an interconnected two area power system with non-linearities' in the International Conference at Baselious Mathews II College of Engineering, Kollam	EMIL NINAN SKARIAH	EEE
Feb-12	Voltage Stability Enhancement using FACTS devices on a real 24 bus system' in the International Conference at Baselious Mathews II College of Engineering, Kollam	SUJO P. GEORGE	EEE
Oct-12	GA optimised AGC with Superconducting Magnetic Energy Storage' at National Seminar on	EMIL NINAN SKARIAH	EEE

	Electricity for All organised by the Institution of Engineers(India), Trivandrum		
Dec-12	A Case study on Economics of Biomass Energy' in the International Seminar on ' Energy Secure India- Options and Strategies' organised by the Japanese Cultural and Information Centre,Trivandrum	JAIMOL THOMAS	EEE
Jan-12	Hybrid Pricing Strategy for small Hydel Energy' in the International Conference EPSICON at Vidya Academy of Science and Technology, Thrissur	JAIMOL THOMAS	EEE
Jun-12	Processing and Characterization of Al-CNT composite made by Vacuum Hot Pressing; IJMER; Vol 2	UNNIKRISHNAN R	ME
Mar-12	Hybrid textile polymer composite; Polymer Composites Vol 1 Chapter - 15; John Wiley Publication	SIVASUBRAMANIAN P	ME
Dec-12	Study on Mechanical Properties of Jute-Glass Fiber Hybrid Composite Materials; RACE	SIVASUBRAMANIAN P	ME
Feb-12	Satellite Image Registration based on Contour Features	REJI R	MCA
12-Mar	Satellite Image Mosaicking using Contour Based Image Registration	REJI R	MCA
12-Apr	Comparative Study in Satellite Image Registration	REJI R	MCA
18-Dec	Comparitive Analysis in satellite	REJI R	MCA

	Image Registration		
Feb-12	Satellite Image Registration based on Contour Features	AKHIL MATHEW PHILIP	MCA
Jun-12	Skin Segmentation using texture	LIJA JACOB	MCA
Jul-12	Integration of information and communication technology for effective curriculum transactions in the emerging global scenario.	ANGELIN J.ROBIN	MCA
Jan-12	“Corporate Travel Arrangers as a Source of Room Business, for Luxury Hotels: An Exploratory Research at Kochi, Kerala”, International Journal of Economic and Management Strategy (JEMS), Volume 1, Number 1 (2011), pp. 23-28, ISSN 2278-3636.	AJITH K THOMAS	MBA
Apr-12	Five star hotels, are you losing good people? (ecch, UK), Case and teaching note Reference no. 412-011-1 and Reference no. 412-011-8	AJITH K THOMAS	MBA
Sep-12	Health Insurance Marketing: Problems and Prospects in the International Journal's Research Journal of Social Sciences	THOMAS VARGHESE	MBA
Oct-12	“Surrogate Buyers in Corporate Buying of Luxury Hotel Rooms”, European Journal of Business and Management, Volume 4, No 13 (2012), pp. 20-24, ISSN 2222-1905 (Paper) ISSN 2222-2839 (Online)	AJITH K THOMAS	MBA
Oct-12	Social Entrepreneurship In The God's Own Country (ecch, UK),	AJITH K THOMAS	MBA

	Case & teaching note Reference no. 812-031-1 and Reference no. 812-031-8		
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12. Research activities of Scholars/Faculty :

Month & Year	Research Activities	Project	Names of the Faculty	Department
Mar-08	Pursuing Ph.D in Soft Computing and medical imaging	Soft Computing and medical imaging	KRISHNAP RIYA R	AEI
May-'12	Completed Ph.D in Computer Science and Engineering	Computationally Simplified Numerical Algorithms for Certain Engineering Problems	RAMANI BAI V	CSE
Dec-12	Doing Ph.D in Computer Science and Engineering	"Application of Naïve Bayes Dichotomizer Supported by Expected Risk and Discriminant Function in Clinical Decisions-A Case Study"	ANJU PRATAP	CSE
Jun-12	Developed a college bell for saintgits	Developed a college bell for saintgits	BINU K MATHEW	ECE
Nov-12	Developed a quiz buzzer	Developed a quiz buzzer	BINU K MATHEW	ECE
Jun-12	Developed a college bell for saintgits	Developed a college bell for saintgits	BINU K MATHEW	ECE
Feb-12	awarded Ph.D in Electrical Engineering	Optimal Electricity Pricing Strategy For Distributed Generation	JAIMOL THOMAS	EEE

Jul-12	doing Ph. D. at NIT, Calicut	SMART Grid	SUJO P. GEORGE	EEE
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13. Academic Achievements (Faculty):

Year	Details	Name of the Faculty	Dept
Aug-12	Secured First Rank in M.Tech in Computer and Information Science from Cochin University	MANNA ELIZABETH PHILIP	CSE
2012	Three Research Scholar under Guidance of Dr.M.C Philipose were awarded Ph.D by 1)Smt. Usha Thomas, 2) Sri B Sunil Kumar 3) Smt. Soosen J Panicker	Dr.M.C.PHILIPOSE	CE
2012	Secured Third Rank in M.Tech in Computer Science and Information Systems from MG University	DEEPA MARY THOMAS	CSE
Jul-12	Secured third rank for M.E ,APPLIED ELECTRONICS from Anna University of technology,Trichy	ASHLY JOHN	ECE
Jul-12	Admission to Bharathiar University for Part time Ph.D.	NISA JAMES	MBA

14. Students Achievements (Academic) :

Year	Details	Name of the Students	Dept
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Mar-12	finalist in ROBOTRYST 2012 organised by IIT Kharagpur, Robosapiens India, E-cell Certified Robotics workshop at IIT Delhi	ASHIK NINAN, JESWIN ANTONY, NITHIN MOHAN, DEEPU JACOB	AEI
2/23/2012	secured first prize in General Quiz- "Aura 12" Baslios mathews ii College of Engg, Sasthamcotta	SIJO VARGHESE	AEI
2/10/2012	secured first prize in General Quiz- 'Dhanus', College of Engg, kallooppara	SIJO VARGHESE	AEI
2/15/2012	secured first prize in General Quiz- 'Bishop Kurialassey memo.QZ 'S.B College Changancherry	SIJO VARGHESE	AEI
2/12/2012	secured second prize in General Quiz-Fatima Mata national College Kollam	SIJO VARGHESE	AEI
Jun-12	Second Prize for code fixing at National Symposium held at St. Joseph, Palai	ANJANA PRADEEP, TRESE, PRIYANKA	CSE
Nov-12	Robotics	NAVANETH, RISHIK, HARIKRISHNAN	CSE
Nov-12	SecuCloud:at UNISYS Cloud Technologies	RAHUL,AJU,PRINCE,JESMY	CSE
Dec-12	Second prize for the event Technical Quiz in INTERFACE-2012, National level IT festival conducted by MG University	AJU TOM, HARIKRISHNAN	CSE
Dec-12	Second prize for the event Coruscate in INTERFACE-2012, National level IT festival conducted by MG University	PRINCE MATHEW	CSE

Apr-12	GATE Qualified	IVY JANE THOMAS, KRISHNA B, PRIYA SUSAN PAUL, SREEKUMARI T.R, RESMI RAJEEV, SHERIN VARGHESE	CSE
12-Aug	S8 results rank second in the university	2008-2012 BATCH	CE
Feb 2012	Project presentation in YUVA mastermind "CHILD SAFETY BELT" held at AMAL JYOTHI COLLEGE OF ENGG,KANJIRAPALLY	ANJALIRANI K A,ARCHANA SREEKUMAR,KARTHIKA R	ECE
Jan-12	Secured second place in paper presentation contest at college of engg,kidangoor,title-DIGITAL RANDOMNESS	KRISHNA ANILKUMAR, TENZA MARY THOMAS	ECE
Feb-12	Secured second place in project contest at sree budha college of engg,pator ,Title- Automatic number plate recognition	ASHWIN T S,JIJO CHACKO THOMAS,VIBIN VARGHESE,VISHNU P,	ECE
Feb-12	Secured second place in project contest at sree budha college of engg,pator,Title-FPGA based advanced sowing and planting equipment controller design	BASANTH BABU,PRAVEEN C S, PRASANTH C	ECE
Aug-12	won the all kerala IEEE INDUSTRY US competition held at FISAT engg collge,Angamaly	CATHY GEORGE	ECE
Oct-12	got second place in 'Robotics contest' conducted in a workshop regarding Robotics held at saintgits college of engg	JEBIN P SUNNY,JACKSON JAMES MATHEW,JESBIN THOMAS, JOVAL JOHN MATHAI	ECE

Aug-12	Got participation in IEEE Link - HTML 5 Workshop at FISAT Angamaly	SNEHA ANN SHAI, SUSHI ANNA GEORGE, NEENA MATHEW, NEENU SUSAN JOHN	ECE
Feb-12	Project titled 'Magnetically Levitated Axial Flux Wind Generator' Selected for last round of Motorola Scholar Awards	ANJU MARIAM SUNNY, NOBLE. T. KURUVILA, KIRAN BABU & RIYA VARGHESE	EEE
Feb-12	Won Best Paper Award with a cash prize of Rs.20000 in the International Conference at Baseliious Mathews II College of Engineering, Kollam	AJU THOMAS(S4 M. TECH.)	EEE
Mar-12	Secured First Prize for Project Presentation ' A Virtually Instrumented Power Quality Analyser using Lab VIEW' at Sree Buddha College of Engineering	BINOSH K PHILIP	EEE
Mar-12	Secured Second Prize for Project Presentation ' A Virtually Instrumented Power Quality Analyser using Lab VIEW' at College of Engg., Kalloopara	BINOSH K PHILIP	EEE
Jun-12	Received Special Jury Award with cash prize of Rs.10000 for Project Presentation: 'Magnetically Levitated Vertical Axis Wind Turbine' at Motorola Scholar Awards programme, IISc. Bangalore	ANJU MARIAM SUNNY, NOBLE. T. KURUVILA, KIRAN BABU & RIYA VARGHESE	EEE
Jun-12	Received 'Best Outgoing Student' Award B.Tech. EEE 2008-2012	BINITA CHACKO	EEE

	Batch		
Jun-12	Received 'Best Outgoing Student' Award M.Tech. Power Systems 2010-2012 Batch	APARNA JOSE	EEE
Jun-12	Secured First Rank in M.Tech. Power Systems 2010-2012, M.G. University	APARNA JOSE	EEE
Jun-12	Secured Second Rank in M.Tech. Power Systems 2010-2012, M.G. University	VIDHYA KURUVILLA	EEE
Jun-12	Secured Third Rank in M.Tech. Power Systems 2010-2012, M.G. University	ANISHA MARIAM YOHANNAN	EEE
Sep-12	Received 'Talented Student' Award in test conducted by Saintgits Centre for Innovation and Entrepreneurship	CHITTESH V. C. (S1 M.TECH.)	EEE
Dec-12	Won Best Paper Award in the National Conference NPSEC 2012 at SCSVMV University, Tamil Nadu	SHINY K. GEORGE (S4 M.TECH.)	EEE
Dec-12	Won Second Prize for paper presentation in the National Conference NPSEC 2012 at SCSVMV University, Tamil Nadu	AMALA ANTONY (S4 M.TECH.)	EEE
Aug-12	Selected for "Virtual Baja".	LIJU GEORGE K, KARTHIK K SHARMA, JINESH K JOSE, KISHORE C JAMES AND 21 STUDENTS	ME
Sep-12	SAE Tier 2 (State Level) Competition	KEVIN JACOB, KRISHNAND P PAI, MAJESH TOM MANI,	ME

		MATHEW JOHNS, MATHEW JOSEPH, SHELIN VARKEY EAPEN, SUNIL BAILY THOMAS, RUPESH KAIMAL, ABHILASH T.	
Oct-12	Selected for SAE Tier 3 (Southern) Competition	KEVIN JACOB, KRISHNAND P PAI, MAJESH TOM MANI, MATHEW JOHNS, MATHEW JOSEPH, SHELIN VARKEY EAPEN, SUNIL BAILY THOMAS, RUPESH KAIMAL, ABHILASH T.	ME
Jan-12	OCA Certification	34 STUDENTS FROM S4MCA CERTIFIED.	MCA
12-Jan	RHCE Certification	9 STUDENTS FROM S4MCA CERTIFIED.	MCA
Sep-12	AIMA National competition for Management students	TENY M. THOMAS AND MEENU MOHANDAS	MBA

15. Students Achievements in Sports, Arts, and NSS (Extra Curricular) :

a. Arts

Month & Year	Details	Names of the Students	Department
Jun-12	Won A Grade In Folk Dance For Mg University Fest	ANSA ELIZABETH	CSE
Apr-12	1st In Dance Venue:Mangalam College Of Engineering	JITHU JOHN ABRAHAM ANU SNEHA JOHN	CE
4-Apr	2nd In Dance Venue:Mangalam College Of Engineering	JITHU JOHN ABRAHAM ANU SNEHA JOHN	CE

25-Oct	1st In Dance , Venue: Amal Jyoti College Of Engineering	JITHU JOHN ABRAHAM ANU SNEHA JOHN	CE
14-Oct	1st In Dance , Venue: Mount Zion College	JITHU JOHN ABRAHAM ANU SNEHA JOHN	CE
6-Oct	1st Prize In "Tech Guru" Venue: Sjcet,Pala	ALEENA TOM AISWARYA NAIR	CE
12-Mar	1st Prize In Flute Recital For M.G.University Intercollege Competition "Sargodhaya" Held At Thiruvalla.	GOPIKA KRISHNA	CE
4-Sep	1st For Survey Hunt And Treasure Hunt In "Azure 2012" At Amaljyothi College Of Engineering	MUHAMMED SHEFIN AKHIL SURESH JIBIN. G. ALEX MELVIN . C. EAPEN	CE
12-Feb	1st For Survey Hunt In Luminere 2012,Kidangoor	GEO CYRIAC ACHYUTH PRADEEP DAVIS JACOB MEKHA SUSAN MATHEW MELVIN .C. EAPEN	CE
4-Sep	2nd For Survey Hunt In "Azure 2012" At Amal Jyothi College Of Engineering	ACHYUTH PRADEEP DAVIS JACOB	CE
Nov-12	Best Wing Chief	GIFY.M.MARKOSE	CE
Nov-12	Best Nss Wing	GIFY AND TEAM	CE
Nov-12	Best Volunteer	LEARIE MELVILLE	CE
Oct-12	Won Second Prize For Best Engineer Competition At Rit	JOSE.P.FRANCIS	CE

	Pampady		
Jan-12	Won Best Manager Title In Azure 2012 At Amal Jyothi College Of Engineering, Kanjirappally	CIJOE SAMUEL JOHN	EEE
Feb-12	Won Best Manager Title In Echo 2012 At Rit, Pampady	CIJOE SAMUEL JOHN	EEE
Mar-12	Won Third Prize In M.G. University Quiz Programme	JERRIN JOSE	EEE
Jul-12	Participated In Ieee Region 8 Student Branch And Gold Congress 2012, July 25-29 In Madrid, Spain	POLLY THOMAS(S2 M.TECH.)	EEE
Aug-12	Won Best Manager Title In Technical Fest Eternia 2012 Conducted By Civil Engg. Dept. Saintgits College Of Engineering	CHINNU ALICE WILSON	EEE
Aug-12	Won First Prize For Cyber Treasure Hunt In Technical Fest Ascend 2012 Conducted By Cse Dept. Saintgits College Of Engineering	ABIN SAMUEL ABRAHAM, BIFFIE JOSE, EDWIN JOSEPH, GITTO NICLAVOSE	EEE
Aug-12	Won First Prize For Treasure Hunt In Technical Fest Radieux.04 Conducted By Mca Dept. Saintgits College Of Engineering	ASHISH JOHN MATHEW, JEBU JOHN MATHEW, ASWIN R(S2 MTECH)	EEE
Aug-12	Won First Prize For Video Making In Technical Fest Radieux.04 Conducted By Mca Dept. Saintgits College Of Engineering	ASHISH JOHN MATHEW, JEBU JOHN MATHEW (S2 MTECH)	EEE
Jan-12	First Prize In Theme Show In Navigator 2012 At Marian College, Kuttikanam	NIDHIN ZACHARIAH KURIAKOSE, AMERISH N.,	MCA

		VINU K. CHERIAN, JAIJO J., JISMON THOMAS, KEERTHI MOHAN, PARVATHY S., SARANYA S. NAIR, SISIRA S., NEETHU R. NAIR, SINJU MARIA JOSEPH	
Jan-12	First Prize In C-Debugging In Navigator 2012 At Marian College, Kuttikanam	AJITH KUMAR R., JAIJO J	MCA
Jan-12	First Prize In Web Designing In Navigator 2012 At Marian College, Kuttikanam	VISWANATH N. MULLOOR, MANISHA C	MCA
Jan-12	First Prize In Treasure Hunt In Ad Astra 2012 At Rit , Pampady, Kottayam	AJITH KUMAR R, VINU K. CHERIAN, SURAAJ KANNA V., LITHIN K. MOHAN	MCA
Jan-12	First Prize In Photography Contest Conducted By Amal Jyothi College, Kanjirappall	DEEPAK ABRAHAM, JAIJO J	MCA
Jan-12	SJCET, PALAI	JAIJO.J	MCA

b. Students Achievements (Sports & Games) :

Year	Details	Name of the Students	Dept
12th- 14th October 2012	Won Fifth At 45th Kerala Shooting Championship Kozhikode(0.77 Peet Sight) -State Level	ALVY SUSAN	AEI
Sep-12	First Position-Kottayam Rifle Club(0.77 Peet Sight)-District Level	ALVY SUSAN	AEI

Feb-12	Runner Up In The Ameer Sha Memorial Football Tournament At Mes Chathanoor Kollam	AKHIL TERENS	AEI
Feb-12	Runner Up In The El Jueaga 2012 At Modal Engineering College Thrikkakara,Ernakulam	AKHIL TERENS	AEI
12-Jan	1st Place In Inter College Table Tennis Tournament At St.Joseph College Of Engineering,Pala	GAYATRI DEVI .M	CE
12-Jan	2nd Prize In Badminton At St. Joseph Engineering College,Pala Also,Qualified For University Finals From South Zone Championship	ABY V PATANI	CE
12-Feb	Reached Quarter Final For Cricket In M. G. University Level	MATHEW JOSEPH ATHISH .S. RAJ SINAN NIZAR	CE
12-Feb	Reached Quarter Final For Volleyball At Kollapara Engineering College	SHAFFEQUE HUSSAIN	CE
12-Feb	Reached Quarter Final For Volleyball At Amal Jyothi College Of Engineering	SHAFFEQUE HUSSAIN	CE
12-Apr	2nd In College Wise Team Championship At Amalagiri College,Ktm. Also, Got University Selection	SNEHA JACOB	CE
12-Apr	1st Place In Inter College Table Tennis Tournament At St.Joseph College Of Engineering,Pala	SNEHA JACOB	CE
12-Nov	Won Second Place In Table Tennis	SAFY RACHEL ABRAHAM	CE

	Tournament Conducted By The Mg University		
12-Jan	Won The Intercollegiate Table Tennis Tornment Held At St Joseph's Pala	SAFY RACHEL ABRAHAM	CE
12-Jan	Won The Intercollegiate Volleyball Tournament Held At St.Joseph's Pala	JITHU KURIAKOSE	CE
12-Jul	Won Second Place In All Kerala Intercollegiate Football Tournament At Mes Engineering College Kollam	JACOB THOMAS ,JITHIN XAVIER	CE
12-Sep	Won Second Place In The Intercollegiate Football Tournament At Model Engineering College Ernakulam	JACOB THOMAS,JITHIN XAVIER	CE
Feb-12	First Prize In Long Jump In College Sports Meet	SARUN JOSEPH	EC
Feb-12	First Prize In High Jump Sports Meet	SARUN JOSEPH	EC
Feb-12	First Prize In High Jump Sports Meet	GREESHMA BABU	EC
Feb-12	Won Second Prize For Badminton In Pace 2012 At Sjcet, Pala	REMYA HARIHAR	EEE
Oct-12	Overall Championship In Management Meet At Noorul Islam University,Thuckalay, 1st Prize In Quiz, 2nd Prize In Ad Zap	AKHIL ABRAHAM,RONY T. JOSEPH, ROBIN JOSE, AMAL DAS	MBA
Nov-12	Second Prize In Network Game At Macfast Management Meet	FINNY MATHUNNY	MBA

Nov-12	1st Prize In Hr Game At Sngist Pala Management Meet	RINTU,PALLAVI,SHOBHA, JOICY	MBA
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c. DEPARTMENT OF PHYSICAL EDUCATION

I. Intramural

1. Annual College Sports Meet

The 7th Annual College Sports meet was held on 23rd February 2012 at the College Ground. The students assembled for march past at 8:45 AM. Dr. M C Philipose, Principal SAINTGITS college of engineering received the salute, and declared the 7th Annual College Sports meet open.

The Students of the college was divided into 4 houses, Gemini, Intel, Terminus, Saros. Each house had an average of 500 members, lead by its respective Captain's and two vice- captain's, The Captains can me a male student or a female student, at the same time there should be at least one female vice-captain.

The whole sports day activity was divided into Four (a) Athletic events for the studentrs (b) Athletic events for the Staff (c) Fun and Recreation activities for students (d) Fun and Recreation activities for Staff. There were a total of 35 events.

The events came to a close by 5.45 Pm with the prize distribution, and lowering of the flag by the Principal, SAINTGITS and Vote of thanks by Er. Vinay Mathew John.

2. SAINTGITS Chess Tournament was organized by the Department of Physical Education for the SAINTGITS Students and staff the winner of the tournament was 1st place Yedu Krishnan and Zahid Basheer

3. SAINTGITS Table Tennis Tournament was organized by the Department of Physical Education for the SAINTGITS Students and staff the winner of the tournament was 1st place Er. Philip Perakath and 2nd place Er. Vinay Mathew John.

4. SBL, SAINTGITS Badminton League was organized by the Department of Physical Education, for the staff of SAINTGITS, 18 teams took part in the tournament and the winner of the tournament was Anjeev MG and Rajesh Kumar PU

II. MG University Inter collegiate

1. The College Shuttle Badminton (Men) Team took part in the MG University Inter Collegiate shuttle Badminton Tournament. The team members are Ajay Peter G, Aby Patani, Jithu Kuriakose, Ashish Thomas Varghese, and Jerry Varughese George.
2. The College Shuttle Badminton (Women) Team took part in the MG University Inter Collegiate Shuttle Badminton Tournament. The team members are Ramya Harihar, Brinta Mariyam, Shilpa Abraham and Subi Merin John.
3. The College Cricket (Men) Team took part in the MG University Inter Collegiate Cricket Tournament. The team members are Abhijith, Mathew Joseph, Athish S Raj, Sinan Nizar, Jidhin Raju, Joel George, Sibin Thomas, Akhil Benny, Sherin George, Sharan, Arun Das, Deepak A, Amerish N, Justine Jose, Sachin Philip, Varhese Justin, Sarath Venugopal, Vishnu Das.
4. The College Football (Men) Team took part in the MG University Inter Collegiate Football Tournament. The team members are Shijo K Shaji, Sreejith S, Jibin Antony, Bibin Joy, Jefin Abraham, Tony George, Jiju, Jose, Jithin Xavier, Jacoh Thomas, Reny Varghese, James Clinton, Praveen Kumar, Sethu P S, Shaiju Joseph, Dheeraj M, Nithin Joy, Avinash Jayan.
5. The College Baseball (Men) Team took part in the MG University Inter Collegiate Baseball Tournament. The team members are Shijo K shaji, Sreejith S, Jibin Antony, Bibin Joy, Jefin Abraham, Tony George, Jiju Jose, Jithin Xavier, Jacob Thomas, Reny Varghese, James Clinton, Praveen Kumar, Sethu, Shaiju Joseph, Dheeraj, Nithin Joy, Avinash Jayan.
6. The College Table Tennis (Men) Team took part in the MG University Inter Collegiate Table Tennis Tournament. The team members are Dileep Kumar, Ryan Savio, Rince Baby, Jeffin Mathew.

Position – 4th place in South Zone, Qualified for Inter Zone MG University Inter Collegiate Table Tennis Tournament.

7. The College Table Tennis (Men) Team took part in the MG University Inter Collegiate Table Tennis Tournament. The team members are Dileep Kumar, Ryan Savio, Rince Baby, Jeffin Mathew.
8. The College Softball (Men) Team took part in the MG University Inter Collegiate Softball Tournament. The team members are Shijo K shaji, Sreejith S, Jibin Antony, Bibin Joy, Jefin Abraham, Tony George, Jiju Jose, Jithin Xavier, Jacob Thomas, Reny Varghese, James Clinton, Praveen Kumar, Sethu, Shaiju Joseph, Dheeraj, Nithin Joy, Avinash Jayan.
9. The College Ball Badminton (Women) Team took part in the MG University Inter Collegiate Ball Badminton Tournament (Women). The team members are Angela Susan Varghese, Jitha T Philip, Pooja Krishna, Merlin Maria John, Mebby Jasmin Benny, Alina Anna Joy, Sanju K Das, Julie Elizabeth Varghese.
10. The College Chess Team took part in the MG University Inter Collegiate Chess Tournament. The team members are Gladis Wiklliam (Women), Abhilash P, Arun Kumar, Harikrishnan M, Harikrishnan V, Jitin Sam Joe.
11. The College Ball Badminton (Men) Team took part in the MG University Inter Collegiate Ball Badminton Tournament (Men). The team members are Harikrishnan, Alex Mathew, Amal Mathew, Navaneth Krishnan, Rishik Bharath, Jose Francis, Gify Markose, Learie Melville
12. The College Table Tennis (Women) Team came second in the MG University Inter Collegiate Table Tennis Tournament (Women).
13. The College Volleyball (Men) Team took part in the MG University Inter Collegiate Volleyball Tournament. The members of the team are Jithin, Ajay Peter, Mebin Antony, Shibin Samuel, Shefeeq, Arjun M, Sreejith, Majesh, Richu Varghese, Midhun Kurup, Appu Surendran, Hashir Nizamudeen,
14. The College Basketball (Men) Team took part in the MG University Inter Collegiate Basketball Tournamnet.

15. The College Power Lifting team (Men) Team took part in the MG University Inter Collegiate Power Lifting Tournament. The members of the team are Tharun and Niffy Kurian.

III. Inter Collegiate Tournament

1. 1st SAINTGITS Inter Collegiate Volleyball Tournament was Organized.
2. SAINTGITS College of Engineering was the Runners Up of the 1st Inter Collegiate Volleyball Tournament. The members of the team are Jithin, Ajay Peter, Mebin Antony, Shibin Samuel, Shefeeq, Arjun M, Sreejith, Majesh, Richu Varghese, Midhun Kurup, Appu Surendran, Hashir Nizamudeen,
3. The College Football (Men) Team took part in IHRD, Aoor, Inter Collegiate Football Tournament. The team members are Shijo K Shaji, Sreejith S, Jibin Antony, Bibin Joy, Jefin Abraham, Tony George, Jiju, Jose, Jithin Xavier, Jacoh Thomas, Reny Varghese, James Clinton, Praveen Kumar, Sethu P S, Shaiju Joseph, Dheeraj M, Nithin Joy, Avinash Jayan.
4. The College Football (Men) Team took part in TOCH, Ernakulam Inter Collegiate Football Tournament. The team members are Shijo K Shaji, Sreejith S, Jibin Antony, Bibin Joy, Jefin Abraham, Tony George, Jiju, Jose, Jithin Xavier, Jacoh Thomas, Reny Varghese, James Clinton, Praveen Kumar, Sethu P S, Shaiju Joseph, Dheeraj M, Nithin Joy, Avinash Jayan.

IV. Major Achievements

1. Sneha Jacob represented M G University Table Tennis team to participate in the All India Inter University Table Tennis Tournament 2011 – 2012
2. Sobha PS, was the selector for the Yoga team of the MG University
3. Sobha PS, was the team manager for the Volleyball (Women) Team of the MG University
4. Uttam Kumar was, the Selector of the Field Hockey (Men) Team of the MG University

5. Uttam Kumar was the Coach for the MG University Field Hockey (Men) Team, which came up to the Semi finals of the South Zone Inter University Hockey Tournament.
6. Uttam Kumar was, the selector of the Field Hockey (Women) Team of the MG University.
7. Uttam Kumar was the Technical officer for the South Zone Inter University Hockey Tournament (Women)

d. NSS ACTIVITIES ((A small note regarding activities of NSS,Clubs,Leadership Camps

National youth day: 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 and the best design was awarded with a trophy.

Social Security Mission Orientation Programme: An Orientation Programme was organized for the National Service Scheme volunteers by the Social Security Mission on 22nd February 2012 at the College Campus. Mr. Kurian (District Co-ordinator , Social Security Mission) explained the various schemes and functionalities of Social Security Mission.

Social Security Mission Campaign at Kottayam: An awareness Campaign "to spread the functions of Social Security Mission to common people" has been organized on 25th February 2012 at Kottayam Town by the Social Security Mission in association with various National Service Scheme units. Twenty nine NSS Tech Cell Volunteers of SAINTGITS took part in the same. They covered Kottayam and Chingavanam regions displaying placards, distributing leaflets and selling SSM stamps. Our volunteers collected Rs.24850/- for the functionalities of social Security Mission.

SOCIAL SECURITY MISSION FUND RAISING: NSS Volunteers of SAINTGITS are involved in fund raising project of Social Security Mission of Govt. of Kerala. The volunteers sold Stamps specially issued by the Social Security Mission for raising fund for their various schemes like Cancer Suraksha Scheme, Snehasparsham, Annadayini, Karunya Deposit Scheme, Aswasa Kiranam Scheme, Hunger Free City, Thalola &, Paripalanam Scheme. NSS volunteers collected Rs. 32150/- from the staff and students of SAINTGITS by selling these stamps.

Women's Day Celebration 2012: To express the importance of women in the society, NSS Tech cell celebrated International women's day (8th March 2012) at college campus. A badge was designed for the lady staffs of SAINTGITS, displaying the women's day 2012 slogan. As a token of respect NSS volunteers distributed flowers and Badges to all lady staffs of college including the D group lady staffs. Separate oaths were readout by NSS volunteers for Ladies and Gents of SAINTGITS. The women's oath emphasized on the importance of women in getting knowledge about the Indian Women protection acts and laws. Men's oath was about changing the attitude toward women, in protecting them from atrocities of today's society. An awareness class was taken by Prof. Lekha Susan Jacob about "Gender Equality" in the afternoon for the NSS volunteers.

Anti drug and Anti Alcohol campaign: As a part of the NSS Special Camp a field campaign on "Anti drug and Alcohol" was carried out at various wards of Pampady and Meenadom Panchayath 21th Mar 2012. They visited various houses, explained the health aspects of consumption of alcohol and drug and distributed the leaflets provided by the Excise departmet, Kottayam. They also took a survey of survey of persons requiring Palliative care and handed over to the Pampady Dayara Manager as they are starting a Palliative care project.

Antiplastic Campaign: As a part of the NSS Special Camp a Plastic cleaning session was carried out at Ponkunnam Town in association with Ponkunnam Civil Police Station on 22nd Mar 2012. The students removed a large amount of plastic from the town region. The programme was a huge success and the students were able to give an awareness to the people about the harmful effects of Plastic usage.

SOAP MANUFACTURING: A soap making practical session was taken by Dr.Vishnu (Ayurveda) for NSS members. Soap making kit and required raw materials needed for soap making had been purchased before hand by the NSS members from BODHANA (Pushpagiri Road,Thiruvalla) under the guidance of Er. Ashwin P V

CLOTH BAG STICHING: Cloth stiching was taught by one of our volunteer's parents (who are running a stiching Centre) for our NSS Volunteers. The students were able to stich around 80 bags till now and will be marketing soon.
PHOTO WILL

MURIVENNA PREPRATION: A practical session on how to prepare Murivenna was taken by Dr. Vishnu (Ayurveda) for NSS members. He discussed the importance for Ayurveda and explained the medicinal effects of some of the medicinal plants. Volunteers are preparing the same at houses and will market the same.

Implementation of Pipe Compost Plant and Promotion of Vegetable Garden: Students implemented the pipe compost plants in around 140 houses. They also promoted vegetable gardens by supplying Cheera Seeds to these houses.

Computer Training (and Computer Donation) for Orphanages: Computer training and Computer Donation was done by NSS volunteers at 5 different orphanages - Aswas bhavan Pambay, MGM balabhavan Pambay, Provident home Aruvikkuzhy, Punya balbhavan vazhoor, Jyotirmayi Balikasadanam Nathalloor on 11-8-2012.

Blood Donation Camp:

A blood donation camp was successfully held at saintgits,college of engineering by NSS Tech Cell of our college with the co-operation of HLPPT. Blood was collected by Blood Bank of kottayam medical college. Camp was inaugurated by shri Roy Mathew , vice president Panachikad Panchayat and respected principal DR. M. C. Philipose presided over the function. The presence of Dr.Tom V. Thomas made the camp energetic.

Panachicadu Village Office Cleaning: NSS Tech Cell volunteers of our college cleaned Panachicadu village Office and its surroundings on 28/7/2012. They also cut tree branches that were hanging above the village office.

NSS kit Launch (Murivenna, Soap, Cloth Bag, Seed, Yoga Book): NSS volunteers prepared around 90 number of NSS kit consisting of soap, murivenna, Yoga Book, Seed and Cloth Bag. Dr. M C Philipose bought the first kit from NSS volunteer secretaries Rishik Bharat and Chandini K Jose in an Official Function

Leadership and Group Dynamics Class (precamp Orientation): An orientation Programme was given for NSS Volunteers on 6th Sept 2012 to make them understand the situations that they have to handle in the camp, to discuss the items they have to bring for the camp, their responsibilities, Programme Schedule etc. A group dynamics and leadership training Session was also delivered by Er. Ashwin P V on the same day.

Paper and Plastic waste collection: In order to raise fund for charity works and to clean departments NSS volunteers collected waste papers and plastic waste from various departments of our college and nearby houses. They were able to collect 715 kg of waste.

Seven day special camp - 2012: (Venue Govt. H. S. Agaly, Attappady P O, Palakkad, Date 20-09-2012 to 26-09-2012): A seven day special camp was conducted at Govt. H. S. Agaly, which was officially inaugurated by Sri. E. J. Antony, President, Agali grama Panchayath. The camp included Training on soft skills, group Dynamics and Skill development for tribal students, group activities, talk on 'How to Organize an Event', Co-Curricular Activities, Yoga sessions, sessions on 'Goal Setting' and 'Need for Team work" at Attapadi Hills Area Development Society (AHADS) by our volunteers, talk on 'Energy Conservation' , Theatre/Street Drama training , talk on "Environment" , Socio-Economic and Health survey among various tribal communities, visit to one of the tribal communities in Kavundickal etc. Closing ceremony was presided by Agali H.S principal Mr.Abdul Majeed and the camp was officially dispersed on 26-09-2012.

National youth day:

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.

Blood Donation Camp:

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.

World AIDS Day Observance 2011:

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.

MULLAPERIYAR POSTER CAMPAIGN:

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.

SOCIAL SECURITY MISSION FUND RAISING:

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.

Blood Donation Forum / Red Ribbon Club:

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.

District Level Disaster Management Camp:

District Level Disaster Management Camp was held at Govt. Polytechnic college, Kaduthuruthy. Four student volunteers and NSS Staff in Charge represented the college

16. Industry Varsity Linkage (if any)

Month & Year	Activities	Dept
Jun-12	Tie-up with Infosys for conducting Infosys Campus Connect	CSE
Jan-12	IBM, training for IBM tools	CSE
May-12	Caifornia Institute of Technology, Pasadena, Caifornia, USA	ME
May-12	Art Center College of Design, Pasadena, Caifornia, USA	ME
Dec-12	MoU signed with Duquesne University, USA for Exchange Programs	MBA
Dec-12	MoU signed with Ernst & Young for Value Added Course	MBA

17. Academic Tie Ups (if any)

Year	Activities	Dept
May-12	Caifornia Institute of Technology, Pasadena, Caifornia, USA	ME
May-12	Art Center College of Design, Pasadena, Caifornia, USA	ME
Dec-12	A tie up with Enactus : International Non-Profit Organization for undertaking social projects	MBA

18. 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.

19. Campus Recruitments (if any)

Name of the Firm	No of Students attended		No of Students Selected		Department
	M	W	M	W	
Infosys	16	30	1	9	AEI
UST Global	14	27	1	1	AEI
Nest	12	26	0	1	AEI
IBS	12	24	0	1	AEI
SIB	10	20	0	1	AEI
Cognitel	10	20	3	0	AEI
RM Education	12	29	0	2	AEI
Infosys			5	11	CSE
Oracle			1	1	CSE
UST Global			4		CSE

Reubro International			3	1	CSE
Sasken			0	1	CSE
Software Incubator			1	0	CSE
Robosoft			1	0	CSE
CMC Ltd			0	1	CSE
Qburst			1	0	CSE
Collabera			1	0	CSE
IBS			0	2	CSE
Mobme			0	1	CSE
Nest			1	1	CSE
Cognitel			0	1	CSE
Infosys	7	18	3	11	CE
Zayan	2	2	1	0	CE
Paradigm IT	12	28	1	7	CE
UST Global	2	3	1	2	CE
UST GLOBAL	14	52	2	4	EC
IBS	20	52	0	3	EC
ARICENT	4	26	0	1	EC
INFOSYS	20	34	10	13	EC
SIB	5	10	0	2	EC
NEST	11	15	1	3	EC
Sasken	7	13	1	0	EC
Cognitel	9	12	1	0	EC

SYNTEL	8	12	1	1	EC
Zayan	6	10	1	1	EC
ITC Infotech	5	10	0	1	EC
Infosys			0	4	EEE
UST GLOBAL			0	1	EEE
SYNTEL			0	1	EEE
IBS			0	1	EEE
SUTHERLAND			1	0	EEE
CAPE ELECTRIC PVT LTD			1	0	EEE
VIJAY ENERGY PLUS PVT LTD			2	0	EEE
COGNITEL			1	0	EEE
SCOPE PVT LTD			0	1	EEE
MRF Limited	61	0	2	0	ME
Infosys	15	0	9	0	ME
South Indian Bank	26	0	1	0	ME
IOT Anwasha	5	0	5	0	ME
V Guard	3	0	1	0	ME
Bajaj Finance Ltd.	5	0	1	0	MBA
Ernst & Young Pvt. Ltd.	4	11	0	1	MBA
RR Donnelley India Outsource Pvt. Ltd.	8	16	3	11	MBA
SBI Life Insurance Co.Ltd.	13	5	3	1	MBA
V Guard Industries Ltd.	6	0	3	0	MBA
Franchise India Holdings Ltd.	2	4	1	2	MBA

20. List of Research Guides in your College. (With E Mail & Website)

Name	E Mail ID	Website	Dept
Prof.Dr.M.C.Philipose	mcphilipose@hotmail.com	www.saintgits.org	CE
Prof.Dr.P.G.Bhaskaran Nair	bhaskarannair.p@saintgits.org	www.saintgits.org	CE
Dr.Jason Cherian Issac	jason.cherian@saintgits.org	http://newtest.saintgits.org/main/sie/MechanicalEngineering/FacultyMembers.asp	Mechanical Engg
Dr S Narayana Iyer	sniyer@saintgits.org	www.saintgits.org	ece
Dr.Roji George	roji.george@saintgits.org	www.saintgits.org	MBA

SANJOE COLLEGE OF NURSING

1. **Name of the College (with e-mail and website)** : SANJOE COLLEGE OF NURSING

e-mail: gilbfcc@gmail.com

: Website: sanjoenursingcollege.org.in

2. **Name of the Principal**

: PROF. (SR.) GILBERT M.Sc. (N), M. Phil

3. **Staff Profile**

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2	20	0	0	22
Non Teaching	4	8	0	0	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	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Sc. Nursing	Total - 50		M.Sc. Nursing	Total - 06		----	----	-----	----	----	-----

5. Student Intake : B.Sc. - 50 (W) M.Sc. – 06 (W)

6. Library

- a. Total Number of books : 3233
- b. Total Number of Journals : 15
- c. Total Number of Periodicals : 8
- d. Additions during the period : 147

7. Seminars Conducted

- a. State Level : Conducted workshop on “Significance of Research Tool in Practice”
- a. International Level : Prof. (Sr.) Gilbert – “Emigration of Indian Nurses: Prospectus, Problems and Challenges” in 3rd Biennial convention of National Association of Indian Nurses of America (NAINA) at New York

8. Students Activities/ Achievements – (Extra Curricular)

- a. Arts Festivals (Zonal Level) : Folk Dance – 3rd Prize (Zonal Level)
- Malayalam Elocution – 2nd Prize (Zonal Level)
- English Elocution – 3rd Prize (Zonal Level)
- b. Sports : Shot Put – 2nd Prize (State Level)
- Discus Throw – 2nd Prize (State Level)
- Shot put – 1st Prize (Zonal Level) Discus Throw – 1st Prize (Zonal Level)

SCMS SCHOOL OF TECHNOLOGY AND MANAGEMENT

1. **Name of the College (With e-mail and website)** : SCMS SCHOOL OF TECHNOLOGY AND MANAGEMENT, PRATHAP NAGAR, MUTTOM P.O, ALUVA, PIN 683106

2. **Name of the Principal** : DR. RADHA THEVANNOOR

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	16	28	-	-	44
Non Teaching	6	9	-	-	15

4. Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
B.COM	17	7	MBA	52	66
			MCA	30	18
			M.Sc		5

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5.Student Intake

Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
B.Com	17	7	RA		MBA				
					III Sem	44	74	42	66
					I Sem	39	79	22	55
					MCA	12	32	RA	
					M.Sc	2	9	2	9

6.Details of Tests cleared by Students

Sl.No	National Level	State Level	
1		ASTIK,CET	
2	AIMA-MAT,CAT		

7.Library

(a) Total Number of Books	14093
(b) Total Number of Journals	183

(c) Total Number of Periodicals	50
(d) Numer of titles added during the year	1214

8. Projects Undertaken

- (a) ICSSR- Developing a profile of short duration Migrant Labourers in Ernakulam District
- (b) A Project on “The Surface Cleaning Industry of India”
- (c) Coconut Development Board - Leadership Training Program for Coconut Producers Society Members.

9. Seminars Conducted

(a) National Level –

- Industry Entrepreneur Development Cell Seminar
- Retail Marketing
- Innovation and Entrepreneurship Ignition
- Bus Aur Nahin'-Seminar on Anti-Ragging
- National Convention on Quality in Professional Education

NATIONAL CONFERENCES

Name of Faculty member	Title of the paper	Name of seminar/Conference	Organised by	Date
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Dr. Makesh K G	Financial Inclusion and Bank Linkage: A Rural Household Study in Kerala State,	SIMSARC 2012	Symbiosis Institute of Management Studies, Pune <i>[presentation in absentia]</i>	13-14 Dec. 2012,
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(c) International Level –

- International Conference on e-governance (ICEG-2012) ON 28-29 December 2012.
- International Conference on Microfinance and gender empowerment on 20th July 2012.

Technical Session 1: Role of Govt and NJOs in empowerment and poverty alleviations

Technical Session 2: Sustainability of SHG Model in microfinance.

INTERNATIONAL CONFERENCES

Name of Faculty member	Title of the paper	Name of seminar/Conference	Organised by	Date
Ms. Devi Pisharady	“Virtual Bridge to Real Transformation” under E-Development theme	Paradigm Shift In Innovative Business Management – Placitum	Sree Narayana Gurukulam College Of Engineering (SNGCE) , Ernakulam.	2012
Dr. Andez George	Impact of Evolving Retail Ecosystem in Indian Ecosystem‘	<i>Management in the New World Order’</i>	IIM Ranchi.	August 13-14, 2012
Dr. Susan Abraham	“Relationship between Stress and Perceived self-efficacy among Nurses in India” and “Elements of Developmental Culture in various sectors in India	3-day International Conference on Technology and Business Management – 2012	The University of Wollongong in Dubai	26th – 28th March, 2012

Dr. Susan Abraham	The moderating effect of Self Efficacy in the relationship between Job satisfaction and Employee engagement	2-day International HR conference titled "Managing Human Resources at the Workplace"	SDM Institute of Management Development, Mysore	14 -15 December 2012
Mr. Jayakrishnan .S	Factors Moderating Private Label Purchase	12th Global Conference on Flexible Systems Management	Vienna (Austria) P 1-22.	2012

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

(a) National Level

Name of Faculty member	Title of the paper	Name of seminar/Conference	Organised by	Date
Dr. Makesh K G	Financial Inclusion and Bank Linkage: A Rural Household Study in Kerala State,	SIMSARC 2012,	Symbiosis Institute of Management Studies, Pune <i>[presentation in absentia]</i>	13-14 Dec. 2012,

(b) International Level

Name of Faculty member	Title of the paper	Name of seminar/Conference	Organised by	Date
Ms. Devi Pisharady	"Virtual Bridge to Real Transformation" under E-Development theme	Paradigm Shift In Innovative Business Management – Placitum	Sree Narayana Gurukulam College Of Engineering (SNGCE) , Ernakulam.	2012

Dr. Andez George	Impact of Evolving Retail Ecosystem in Indian Ecosystem‘	<i>Management in the New World Order</i>	IIM Ranchi.	August 13-14, 2012
Dr. Susan Abraham	“Relationship between Stress and Perceived self-efficacy among Nurses in India” and “Elements of Developmental Culture in various sectors in India	3-day International Conference on Technology and Business Management – 2012	The University of Wollongong in Dubai	26th – 28th March, 2012
Dr. Susan Abraham	The moderating effect of Self Efficacy in the relationship between Job satisfaction and Employee engagement	2-day International HR conference titled “Managing Human Resources at the Workplace”	SDM Institute of Management Development, Mysore	14 -15 December 2012
Mr. Jayakrishnan .S	Factors Moderating Private Label Purchase	12th Global Conference on Flexible Systems Management	Vienna (Austria) P 1-22.	2012

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

SI No.	Name of Author	Title	Year	Vol: / Issue	Name of Publisher
1.	Dr. Susan Abraham	Development of an employee engagement programme on the basis of employee satisfaction survey	2012	March 2012	Journal of Economic Development, Management, IT, Finance and Marketing, GSMI New York

2.	Dr. Susan Abraham	Job satisfaction as an antecedent to Employee engagement	2012	October 2012	SIES Journal of Management (SIES College of Management Studies, Navi Mumbai)
3.	Dr. Susan Abraham	Relationship between Organisational Culture and Employee Engagement: A study	2013	February 2013	Excel International Journal Of Multidisciplinary Management Studies.(Published by: Zenith International Research & Academic Foundation (ZIRAF)
4.	Ms.Devi Pisharady	Virtual Bridge to Real Transformation	2012	1	CBA Publishers Chennai
5.	Ms.Daly Paulose	Risks and Strategies for a Build-own-operate International Airport Project in India	2013, IGI Global Publishers	Vol 2, Issue 1	<i>International Journal of Risk and Contingency Management (IJRCM)</i>
6.	Ms.Vilas Nair	Survival of the fittest Private label Brand Vs national brands	2012		South Asian Journal of marketing & Mangement Research SAJMMR
7.	Dr.Makesh K G	Empowering Rural Women in Kerala: A Study of the Role of SHGs	Nov. 2012	Vol. 4, No. 9,	International Journal of Sociology and Anthropology
8.	Dr.Makesh K G	Rural Women Empowerment Through SHGs: A Study on Effect of Group	October 2012	Vol. 1, Issue. 8	International Journal of Social Science Tomorrow

		and Member Profiles on Empowerment in Kerala'			
9.	Dr.Makesh K G	Explaining Stock Prices and Investor Behaviour: An Anthology of Traditional Finance Approaches and its Fallacies	Sep. 2012	Vol. No. 1, Issue No. 4	International Academic Research Journal of Business and Management
10.	Dr.Makesh K G	Self Help Groups and Micro-Finance Through Bank Linkage: A Study of Coastal Women Community In Kerala	Sep.-Oct. 2012,	Vol.1, No. 3 Shiv Shakti Academic and Research Foundation	International Journal in Multidisciplinary and Academic Research
11.	Dr.Makesh K G	Self-Help Groups Organized by NGOs: Towards Upliftment of Women in Kerala	2012		Paradigm, IMT Ghaziabad

13.Academic Achievements (A Short Discription)

91.5% of MBA students passed during the year 2012.

14.Student Achievements - Academic (A Short Discription)

Secured First Rank in MSc. Molecular Biology and Genetic Engineering

15.Students Activities/ Achievements –(Extra Curricular)

(a) Arts Festivals

Sl.no	Name of Institution	Name of the fest	No of participants	No of winners	Ratio(%)
1	Vellore Institute of Technology	VIT GRAVITAS	7	5	71
2	Mangalam college	mahasangaram	15	11	73
3	Bharath Mata	excellencia	20	8	40
4	Saint Gits	Simthesis 5	15	6	40
5	Macfast	Tantra	12	4	33
6	Marthoma College	Fratres	4	4	100
7	Vimal Jyothi	Karmanta 2012	17	17	100

16.Industry Varsity Linkage (If any, Short Discription)

IBM - Great Mind Challenge 2012.

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	Vodafone Essar	15	6	2	0
2	ICICI Securities	25	19	1	2
3	HDFC	22	22	2	1
4	IKYA Human Capital	19	25	0	1
5	Al-Essa Group, Kuwait	6	4	1	0

6	Kancor Ingredients	5	0	2	0
7	SBI Life Insurance	30	11	3	2
8	Zafin Software	14	10	2	0
9	GATI Ltd	9	7	0	1
10	Bharti Airtel	16	8	3	1
11	TTK Prestige	20	10	1	0
12	Kotak Mahindra Old Mutual Life Insurance Ltd.	12	6	1	0
13	DXN Sdn.Bhd.	20	23	2	3
14	Maitri Adverstising	7	10	0	1
15	Qburst Technologies	2	2	1	1
16	Coca - Cola	30	29	2	1
17	Turrino India	4	5	0	2
18	Extramarks Education	4	4	0	3
19	Indian Overseas Bank	21	12	0	2
20	Aegon Religare	9	5	0	2
21	Café Coffee Day	6	6	1	0
22	Kansai Nerolac Paints	20	0	3	0
23	IDBI Federal	10	10	4	10
24	Dream Hotel	0	1	0	1
25	South Indian Bank	4	12	3	5
26	Pepper Tours & Travels	4	0	2	0
27	Deloitte	3	4	1	1
28	IBS,Reubro International, Subex, Infosys,UST Global				10

17. 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

18.List of Research Guides in your College (With e-mail and website)

Dr.Raman Nair : ramannair@scmsgroup.org, www.scmsgroup.org

Dr.Appala Raju: applaraju@scmsgroup.org, www.scmsgroup.org

SREE NARAYANA COLLEGE OF ENGINEERING, KADAYIRIPPU

- 1. Name of college** : Sree Narayana Gurukulam College of Engineering, Kadayirippu, Ernakulam District
- 2. Name of principal** : Dr. P N Joshi
- 3. Staff profile** :

	Men	Women	Scheduled Caste	Scheduled Tribe
Teaching	79	107	6	-
Non-Teaching	58	28	-	-

4. Courses offered with number of seats :

<i>Under Graduate</i>	<i>Number of seats</i>		<i>Post Graduate</i>	<i>Number of seats</i>		
	<i>Men</i>	<i>Women</i>		<i>Men</i>	<i>Women</i>	<i>Women</i>
Civil Engineering	130	195	Computer Aided Structural Engineering	12	24	NIL
Computer Science & Engineering	145	241	Master of Computer Applications	79	101	NIL
Electrical & Electronics Engineering	167	97	Embedded & VLSI Design	10	26	NIL
Electronics & Communication Engineering	218	331	Master of Business Administration	128	104	NIL
Mechanical Engineering	446	3	Machine Design	20	1	NIL
			Power Electronics	5	19	
			Computer Science & Engg.	7	17	

5. Student intake :

Under graduate	Appeared		Passed		Post Graduate	Appeared		Passed	
	M	W	M	W		M	W	M	W
April/May 2011 VIII B. Tech (2007)	293	147	112	105	MBA August 2011	23	37	22	36

Admn)									
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6. Details of tests cleared by students (if any)

<i>Sl.No</i>	<i>National Level</i>	<i>State Level</i>	
1	15 students of the college passed GATE examination .		

7. Library

- (a) Total number of Books : 32269
(b) Total number of journals : 149
(c) Total number of periodicals : 84
(d) Additions during the period : 7110 books were added during the period
June 2011 to November 2012.

8. Seminars conducted

- (a) State Level :

1. Two day technical workshop on “Cement and Concrete” conducted from 27-01-2012 to 28-01-2012 in association with RMC Ready Mix India, Binanipuram, Ernakulam.
2. One day workshop on “Emerging Trends in Civil Soft wares” organized by Department of Civil Engineering in association with Cochin CADD Centre, Kacherippady on 22-02-2012.
3. One day workshop on “Vital aspects of Concrete” organized by Department of Civil Engineering in association with RMC Ready Mix, Edayar, Kochi on 02-03-2012.
4. Ten days training programme on “Revit Architecture” organized by Department of Civil Engineering in association with CADD Centre, Thodupuzha during 18-06-2012 to 28-06-2012.
5. “Two day Hands on workshop on Staad Pro V8i” organized by Department of Civil Engineering in association with Bentley Systems India Pvt. Ltd from 26 - 07- 2012 to 27-07-2012.

6. Two days training programme in “Finite element analysis of structures using NISA 17.1” organized by Department of Civil Engineering in association with Cranes Software Inc., Bangalore from 05-09-2012 to 06-09-2012.
7. Electrical and Electronics Engineering department conducted a seminar on “Synchronisation of Power System” by Mr.V.Krishna Rao, former Chief Engineer of FEDO on 3-3-12.
8. Electrical and Electronics Engineering department conducted a seminar on “Power Quality Problems and Solutions” by Mr.P.C.Rajan Babu (Retired Chief Electrical Inspector) on 20-9-12.
9. Dept. of Electronics and Comm. Engg. Conducted a seminar on ‘High Power RADAR Probing of the Atmosphere and Ionosphere’ by Dr. P. Balaramarao, NRSC, Hyderabad, on 17 Sep. 2012.
10. The computer Application Department organized one day workshop on Web 2.0 on 1/9/2011.
11. The computer Application Department organized one day workshop on FOSS and GAPPS on December 2011.
12. A one day seminar was organized on ‘Software Engineering’ on October 2012.

(b) National Level :

1. The Department of Mechanical Engineering, organized a National Conference on Modern Trends in Mechanical Engineering (MTiME-`12) from 14th June to 16th June, 2012.
2. One day National Seminar on Refrigeration and Air conditioning during September 2011.
3. A National Conference on “Computing technologies NCCT 2012 is planned for the month of March 2012 by the computer science and engineering department.
4. M-Time by Mechanical Engineering Dept. during June 2012

(c) International Level :

1. Seminar on “New Generation Banking” was conducted during January 2011.
2. International Conference in MBA

9. Seminars conducted by faculty(Name wise-with details)

(a) State Level :

1. Pradeepm T G, Dept. of Mechanical Engg, coordinated the National Conference titled 'Modern Trends in Mechanical Engineering (MTiME-'12) from 14th June to 16th June, 2012.
2. Remith R, Dept. of Civil Engg, coordinated the ten days training on Revit Architecture (Cad course) organized by Department of Civil Engineering in association with CADD Centre, Thodupuzha during 18-06-2012 to 28-06-2012.
3. Kavitha P.E, Dept. of Civil Engg, organized a two day hands on workshop on Staad Pro V8i in association with Bentley Systems India Pvt. Ltd from 26 - 07- 2012 to 27-07-2012.
4. Kavitha P.E, Dept. of Civil Engg, coordinated a training programme in Finite element analysis of structures using NISA 17.1 in association with Cranes Software Inc., Bangalore from 05-09-2012 to 06-09-2012.
5. Rajesh Ramachandran, Dept. of Computer Application organized a seminar on 'Software Engineering' on October 2012.
6. Jeevan K. M., Dept. of Electronics and Comm. Engg., Workshop on MATLAB, on 30 March 2012.
7. Karthik S., Dept. of Electronics and Comm. Engg., Tutorial series on VERILOG, on 06 Aug. 2012.
8. Mini Project Expo by Dept. of Electronics and Comm. Engg., on 05 Sept. 2012.

10. Publications of the Faculty with impact factor of the publications

1. A text book on Basic Mechanical Engineering by Rajesh Kumar R and Arun Mohan of Dept. of Mechanical Engg.
2. 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.
3. Solved University Question Papers of Engineering Graphics by Pradeepmon T.G, Associate Professor, Dept. of Mechanical Engg.
4. A text book on '*Economics*' by Rajesh Kumar R, Pradeepmon T G and Arun Mohan of Dept. of Mechanical Engg.
5. A text book titled "*Principles of Management*" by Rajesh Kumar R of Dept. of Mechanical Engg.
6. Ms Kavitha P E, Associate Professor, Dept. of Civil Engineering presented a paper entitled as "Structural significance of Soil Structure Interaction analysis on laterally loaded piles" in the National Conference on Innovations in Civil Engineering (NCICE 2012) organized by

the Dept. of Civil Engineering, SCMS school of Engineering and Technology, Karukutty, Ernakulam during 19th – 20th April 2012.

7. Rajesh Ramachandran, 'Radiax Search-An alternative to linear search', Journal of E-Technology, Print ISSN :0976-35033, Online ISSN :0976-2930, Volume 2, Issue 4, November, 2011, Pages 154-158.
8. Rajesh Ramachandran, 'Kakkot Tree-A binary Search Tree with Cashing' made oral presentation at 2012 IEEE International Conference on Computational Intelligence and Computing Research (2012 IEEE ICCIC) held on December 18th to December 20, 2012, at Coimbatore, India.
9. Asst.Prof. Pramod Ramakrishnan presented a Paper on 'Friction Stir Processing on 6063 Aluminium Alloy' at 2nd International Conference on Emerging Technology Trends in Advanced Engg. Research held on 20th and 21st Feb 2012 at baselious Mathews College of Engg. Sasthamkotta.
10. Assoc.Prof. Arun Mohan presented a paper on 'Thermal Conductivity of Nano based Refrigerants' at International Conference named INC2mtTrends12 held from 5th to 6th of Sept 2012 at ToCH Institute of Science & technology, Aarakunnam.
11. P. Kishore, M. V. Ratnam, S. P. Namboothiri et al., Global distribution of water vapour observed by COSMIC GPS RO: Comparison with GPS radiosonde, NCEP and JRA-25 reanalysis data sets, J. Atmos. Solar Terr. Phys., In Press, 2012.
12. K. M. Jeevan, Comparative study of DCT based image compression on hexagonal and conventional square pixel images, Int. Journal of Computer Applications, Vol. 43, 40-42, 2012.
13. K. M. Jeevan, Assoc. Professor of Dept. of Electronics and Comm. Engg., presented a paper on 'Discrete cosine transform based image compression on hexagonal image' at the second international conference on Emerging Trends in Advanced Engineering Research held during 21-22 Feb. 2012, Kollam, Kerala.
14. K. M. Jeevan, Performance comparison of DCT based image compression on Hexagonal and rectangular sampling grid, Proc. of IEE 4th international conference on Electronics Computer Technology, Vol. 1, 645-648, 2012.
15. Sudip Aravind, Assoc. Professor of Electronics and Comm. Engg., presented a paper on 'A cognitive approach for optimal minimization of state transitions in NFA' at CIMsim 2012.
16. Ansith.S, Priyanka Udayabhanu, Karthik S., Audio watermarking using adjustment method, International Journal of Engineering Research & Technology (IJERT), Vol. 1, Issue 10, 2012.
17. Karthik. S, Priyanka Udayabhanu, FPGA Implementation of High speed Vedic multipliers, International Journal of Engineering Research & Technology (IJERT), Vol. 1, Issue 10, 2012.

18. Ms. Anila Satheesh B., Asst. Professor of Dept. of Electronics and Communication Engg., presented a paper on 'Compressive sensing for array signal processing' at the international conference (INDICON 2012) held during 7-9 December 2012 at Riset, Kochi, Kerala.

11. Research highlights of Faculty/Scholars :

1. Rajesh R, Associate Professor, Dept. of Computer Application has submitted PhD thesis in Vinayaka Mission University.
2. Ms. Kavitha P E, Associate Professor, Dept. of Civil Engineering is pursuing Ph.D at CUSAT.
3. Mr. Dipu V S, Assistant Professor, Dept. of Civil Engineering is pursuing Ph.D at CUSAT.
4. Ms. Praveena Gangadharan, Assistant Professor, Dept. of Civil Engineering is pursuing Ph.D at IIT, Madras.
5. Mrs. Reshmila.S, Associate Professor of Electrical and Electronics Engineering department is pursuing Ph.D at Hindustan University, Madras.
6. Ms. Kavitha P E, Associate Professor, Dept. of Civil Engineering presented a paper on "Structural significance of SSI analysis on laterally loaded piles" in the National Conference on Innovations in Civil Engineering (NCICE 2012) organized by the Dept. of Civil Engineering, SCMS school of Engineering and Technology, Karukutty, Ernakulam during 19th – 20th April 2012.
7. Mr. K. M. Jeevan, Assoc. Prof. of Dept. of Electronics and Comm. Engg. is pursuing Ph. D at MG University.
8. Mr. Anoop T. R., Asst. Professor of Electronics and Comm. Engg. is pursuing Ph. D at CUSAT.
9. Mrs. Asha R. S., Asst. Professor of Dept. Electronics and Comm. Engg. is pursuing Ph. D at CUSAT.
10. Mrs. Malini Soman, Asst. Professor of Dept. of Electronics and Comm. Engg. is pursuing Ph. D at Amrita University.
11. Mrs. Ranju S. Kartha, Asst. Professor of Dept. of Electronics and Comm. Engg. is pursuing Ph.D at MG University.
12. Prof. Hari Sundar G Ram, Associate Professor, Dept. of Management Studies is pursuing Ph.D at Anna University.
13. Milna Susan Joseph, Associate Professor, Dept. of Management Studies is pursuing Ph.D at CUSAT.
14. Naiby Kurian, Associate Professor, Dept. of Management Studies is pursuing Ph.D at Bharathiar University.

15. Bhagyalakshmi, Associate Professor, Dept. of Management Studies is pursuing Ph.D at MG University.
16. Bindusree A R, Associate Professor, Dept. of Management Studies is pursuing Ph.D at Viswesaraya Technical University, Belguam.

12. Academic achievements :

1. Dept. of Civil Engineering takes up consultancy services for testing concrete cubes, concrete blocks, steel, cement, fine and coarse aggregates.

13. Students achievements-Academic :

1. Miss. Ashitha. P.N of EEE Dept. secured Second rank in the university examinations held in May 2012.
2. Miss.Anila P V of Civil Engineering Department secured third rank in the M G University examinations conducted during May 2012.

14. Students activities/Achievements-(Extra Curricular) : Participation in management fests conducted by different colleges.

(a) Arts Festivals :

1. Mr. Dipin Divakar of EEE Dept. won first prize in light music in Carnatic music in the "Brahma Fest" conducted by AASET, Kalady.
2. Mr. Dipin Divakar of EEE Dept. won A Grade in light music competition in the M.G University youth festival.

(b) Others (Technical events) :

1. Three students of 5th semester mechanical engineering branch participated in the Paper Presentation contest titled 'Innovations in Manufacturing Systems and Technologies for Global Competitiveness' organized by Indian Institution Of Industrial Engineering held at Seapark Hotel , Kalamassery and bagged second prize.
2. In association with the Tech fest 2012, Mechanical Engineering Dept. organized an Autoshow.

3. Students of 5th semester and 7th Semester Mechanical branch contested in various Robowar several competitions organized by institutions such as SOE, CUSAT, Rajagiri, Ernakulam, SAINGITS, Kottayam, and at SNMIMT, Maliankara and bagged one in the first three places of the competitions.
4. As a social service activity to create awareness about planting trees and protecting trees, a tree sapling planting function titled ‘Haritha Gurukulam’ was organized by Mechanical Engineering students on 14th of August 2012.
5. A Class on Obesity and Prevention and Early Detection of Cancer was conducted in the college for the 5th semester mechanical students by Dr.R.Padmakumar (Laparoscopic Bariatric & Diabetic Surgeon), Sunrise Hospital Kakkanad.
6. Precious A.R has secured the second prize in the event CAD conducted of Takshak 2012 on September 28 to 29 at M.A College of Engineering.
7. Riya Joseph has secured the third prize in the event ULTRATECH ELECTRIC conducted of Takshak 2012 on September 28 to 29 at M.A College of Engineering.
8. Minnu Maria Varghese has secured the third prize in the event ULTRATECH ELECTRIC conducted of Takshak 2012 on September 28 to 29 at M.A College of Engineering.
9. The student’s team consists of Remya P.V, Glitty Sara George, Eldhose Saju, Rincy Raju, Hridya K P, Rafsal Basheer won first prize in the strongest concrete contest conducted by UltraTech Cement Limited, Ravipuram, Cochin held at SNGCE, Kolenchery on 13-09-2012.
10. Anu Krishna M, Riya Joseph won the preliminary level of STIMULUS QUIZ COMPETITION conducted on 13-09-2012.
11. Students (Minnu Maria Elizabeth, Basil Baby, Sanoop.G, Riya Joseph has won the preliminary level of (AIMA-DALMIA-ADHAAR 2012) conducted on 22-09-2012.
12. Blood donation drive was conducted by Department of Civil Engineering, National Service Scheme in association with Indian Medical Association Aluva and Ernakulam on 18-10-2012.
13. Sanoop G, Lakshmi Mohan has secured first prize in Asli Taaqut ka champion, a technical Quiz programme for Civil engineering Students conducted by ICI Kochi Chapter on 20-10-2012.
14. Students (EdwinThomas, Sowmya Skaria, Riya Joseph, Eldose Saju, Prajeesh Mundayad, Soorya ED, Priyanka R, Arjun V H, Sanoop G, Lakshmi Mohan,)attended technical talk on “Remedial & Protection of Reinforced concrete structures in Marine environment” coordinated by ICI Kochi chapter on 20-10-2012.

15. Vishu PS, Vishnu Prasad, Shinu A I, Manu P Sivan, Abhijith K S and Anish Varghese of third semester MCA won 1st prize in Treasure Hunt, a National Level IT fest, held at Ilahia College of Engineering and Technology on 2nd 3rd March 2012.
16. Vishnu P S of 3rd Semester has won first in cooling contest in National Level IT fest at RIT Kottayam on 24th and 25th of January 2012.
17. Pradeep Kumar, Tony Mathew, Arun R. V., and Alvin Varghese secured 3rd prize in the line tracer competition at Tech Fest held at RIT, Kottayam in February 2012.

15. Industry Varsity Linkage (If any) :

1. MOU with RMC Ready mix (India) Pvt. Ltd., Ernakulum for conducting seminars and site visits for the students of Civil Engineering Department.
2. MOU with Ultra Tech Cement Limited, Ravipuram, Cochin for conducting seminars and site visits for the students of Civil Engineering Department.

16. Academic tie-ups (if any) :

1. 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.

17. Student Progression (Brief about past students) : All eligible students got placement in reputed firms..

18. Campus recruitment(if any) :

Name of the firm	No. of students attended		No. of students selected	
	M	W	M	W
Speridian	30	20	1	
ALLSEC TECHNOLOGIES	20	30	5	8
Escube Technologies	80	99	13	46
Travancore Analatics	28	20	1	1
CSS CORP	3	9	0	8
Ontash	7	5	1	1
Big shen	14	6	0	1
Vijay Energy	16	15	0	2
Cognitel	4	6	1	0

Poornam	28	32	1	1
Procsys	28	10	1	1
HCL Technologies	30	20	0	0
Sprint Technology	60	41	4	4
MOB ME	20	10	0	0
Procsys Hardware	15	0	1	0
TATA CMC	30	25	1	0
CRP	20	2	3	0
Earnest & Young	30	40	0	0
QUEST INNOVATIVE SOLUTIONS	40	60	0	0
DIGITAL NIRVANA	50	30	0	0
CAPE ELECTRICALS	30	40	0	0
NGA HR	12	22	0	0
INFOSYS BPO:	20	12	0	0
24 7 CUSTOMER	5	7	0	0
HGS	4	7	0	0
Cognitol	15	17	8	10
Lyka Packaging Pvt Ltd,	20	0	1	0
Carris Pipes and Tubes,	20	0	2	0
Kanaka Polymers,	20	0	1	0
HUWAI	3	2	1	0
RDS	0	3	0	1
Indian Navy	50			
Microsoft	16	20		
Aricent	10	15	0	6
Verison	50	60	0	2
Indian Army	250			
IBS	64	50	3	5
EXL INFOTEL	80	120	7	7

SETH RAM BAHADUR SINGH GUJARATI COLLEGE

1.Name of the College (With e-mail and website): Seth Ram Bahadur Singh Gujarati College

srbcollege@yahoo.co.in

2.Name of the Principal

: Prof. R.V.Kilikar

3.Staff Profile

5.Student Intake

Under Graduate	Appear ed		Passed		Post Graduate	Appeare d		Passed	
	M	W	M	W		M	W	M	W
B.Com	11	36	10	36	M.Co m	02	15	01	15
B.B.A	21	16	11	16					
B.C.A	10	06	10	06					

6.Library

(a) Total Number of Books 4946

(B) Total Number of Periodicals 04

SREE BUDDHA COLLEGE OF ENGINEERING FOR WOMEN, AYATHIL ELAVUMTHITTA

1.Name of the College (With e-mail and website) :SREE BUDDHA COLLEGE OF
ENGINEERING FOR WOMEN,
AYATHIL, ELAVUMTHITTA

2.Name of the Principal

:Dr. Gopalakrishna Sarma. E

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	15	59	1	Nil	74
Non Teaching	13	16	3	Nil	29

4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
B.Tech Applied Electronics & Instrumentation Engg.	-	60	-	-	-
B.Tech. Electronics &	-	60	-	-	-

Exam																			
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6. Library

- (a) Total Number of Books : 8999
- (b) Total Number of Journals : 55
- (c) Total Number of Periodicals : 5
- (d) Number of titles added during the year : 879

7. Students Activities/ Achievements –(Extra Curricular) : 1. Ms. Remya Krishnan of Ist Year CS won First Prize in ‘Kathakali’ & Ms. Remitha Raju of III Year CS bagged ‘A grade’ in ‘Mohiniyattam’ in the MG University Youth Festival Sargodayam 2012’

2 Midhula S. Madhusoodanan and Ms. Neethu K.C of 3rd year Civil Engg. have bagged 1st Prize in the event “ Best Planner “ conducted as part of the Technical Fest at Sree Buddha College of Engineering , Pattoor on 9/2/12.

- (a) National Service Scheme : A Plastic Removal Programme was organized by our NSS volunteers on 20th January 2012. Besides they installed a set up for pipe compost in the College Campus. An orientation Class on Energy Conservation was organized on 9th August 2012. Mr. N.P Kumar ‘ANERT’ Pathanamthitta conducted classes to NSS Volunteers on the subject. NSS Volunteers participated in a grievance redress Workshop on 28-09-2012 at St. Gitts College of Engineering, Pathamuttam, Kottayam.

(b) Arts Festivals : Arts festival named ‘Utan 2012’ was conducted on 27-6-12. It was inaugurated by the honorable district collector of Pathanamthitta, Mr. Venugopal. The Celebration ended with the distribution of prizes to competition winners, University exam toppers and students who won prize in the University Festival.

SREE NARAYANA GURU INSTITUTE OF SCIENCE AND TECHNOLOGY
(SNGIST)

1. **Name of the College** : Sree Narayana Guru Institute of Science and Technology (SNGIST)

(With e-mail and website) Thekkethazham, Mannam P.O, N.Paravur-683520

sngist@sngist.org, www.sngist.org

2. **Name of the Principal** : Dr. K. S. Divakaran Nair

3. Staff Profile

	Men	Women	SC	ST	Total
Teaching Staff	MBA - 06	MBA - 11	MBA - 01		MBA - 17
	MCA - 03	MCA - 16			MCA - 19
		M.Sc - 08			M.Sc - 08
	<u>B.Tech - 17</u>	<u>B.Tech - 37</u>	<u>B.Tech - 02</u>		<u>B.Tech - 54</u>
	<u>Total - 26</u>	<u>Total - 72</u>	<u>Total - 03</u>		<u>Total - 98</u>
Non Teaching Staff	18	18	-	-	36
Technical Staff	13	5	-	-	18

4. Library

(a) Total Number of Books : 22886

(b) Total Number of Journals : 120

(c) Total Number of Periodicals : 34

(d) Additions during the period : Books - 1382

5. Projects Undertaken

1. Department of Bioscience has initiated 2 Projects on
 - a. Isolation and characterisation of biologically active component from Anacardiaceae Occidentale leaves (Ms. Saranya Sasi & Ms. Maneesha P students of M.Sc Biochemistry and Dr. Nevin K.G, Course Coordinator are associated with the Project.)
 - b. Identification of Microorganisms from edible plants and its interactions with the host(Dr. Nevin K.G, Course Coordinator, Ms. Anu Mary Albert, Ms. Liji Cebil, Lecturer are associated with this project.)

6. Seminars & Training Programmes provided to students

(a) State Level

1. Executives Grooming Sections: Marketing is a highly potential area for career as well as personal development.
 - Mr. Hari, consultant shared his experience with Pepsi, Eastern etc. He highlighted the need for creativity and innovation to be successful in Marketing Profession.
 - Mr. R Krishnan, Alumni of IIM Bangalore and Mr. Ajay, Alumni of IIMK from Time, groomed the passing out MBA batch emphasizing on the areas of resume preparation, group discussion and personal interview.
 - Mr. Rajan George, a professional marketing consultant along with Mr. Balakrishna Periya interacted with the MBA students on Advertising and Media Management.
 - Dr. Rathish Ambat, the reputed corporate trainer trained our students with in a active learning methodology.
 - Mr. Sooraj Abraham, the reputed soft skill trainer and environment trained our MBA students on social etiquette and manners.

2. Youth Development Programme “Kalypso” : SNGIST MBA students have attended Kalypso Outbound 5 day training programme from 31st January, 2012 at Suryanelli, Munnar. In order to enhance the confidence level and team work of budding managers, MBA department organized an adventure outbound 5 day training programme by Kalyso adventures, at Suryanelli from 31st January 2012. This programme is meant to combine training in team building, leadership, communication and adaptability with physical fitness. The harshness of the natural environment inculcates hardness and discipline among students.

3. Add on Course: SNGIST organised an Add-on course on Logistics management, SAPM, FDRM, Retail Management and Counselling were given to the MBA students in their fourth semester. The certificates of these programmes were distributed by Prof. P R Poduval in a meeting held at Sree Narayana Guru Institute of Science & Technology auditorium.

4. Discussions

- Union Budget: Mr. Bibin Paul and Mr. Mohammed Shafeeq of S4 MBA analyzed the Union Budget at De Paul Institute of Science & Technology, Angamaly.
- Industry interactions: As part of the institution-industry interface MBA students were given half day interactive session with RBG Commodities and UAE Exchange managers.

5. Training & Tutorial form B.Tech Students

Mr. Bony Kannothe, a trainer from outside, trained out B.Tech students how to concentrate and take more advantage from studies through positive thinking.

6. Bridge Course for MCA (2012-15 Batch):

Bridge course for MCA I semester was conducted from 6th to 24th August, 2012. The topics included Personality Development, Basic Mathematics, Computer Fundamentals, Fundamentals for Programming Languages, Digital Systems and English.

7. Executive Filter Level:

A specially designed programme for the grooming of budding managers was organized in association with Empowerment Tree, Cochin. Mrs. Nisha Jose, the Chief consultant and her team led the sessions. They gave suggestions to the budding managers for the changes required to take up the profession.

8. Groomed to be Professional at Dining

A special training on dining etiquette and good manners for the decennial MBA batch was arranged at hotel Yuvarani. Prof. Ajith Thomas who was formerly with Le-Meridian led the session. In the afternoon Mr. Vijay Korath the training head of JRG securities led a session on career potential of MBA's in the financial service sector.

9. I2I Knowledge Space

Utilizing the latest facilities of information technology, SNGIST joined hands with I2I Knowledge Space, to organise a training and recruitment platform for MBA S3 students.

This training also helps the students to meet business icons available in video conferencing sessions.

10.JCI in Campus:

The Junior Chamber International, Paravur Chapter organised a training programme by Advocate Vaman Kumar for the MBA students. The session was highly informative and inspiring.

(b) National Level

Conference Held at Le Meridian Hotel: Around 30 students of MBA got the opportunity to join hands with 'Executive Events' an event management company based in Thrissur, to be volunteers in the National Conference of Cardiologist organized at Le Meridian Hotel. Its great experience for the students to organize and coordinate high end conference professionally.

(c) International Level

1. International Robotic Challenges Workshop: As part of the Tech Fest conducted by IIT Bombay, an international Robotic Challenge was conducted all over seven countries by IIT Bombay and Robosapiens. In India this was conducted at 10 zonal centers. SNGIST was one of the zonal venues. The event was held on 14th and 15th September, 2012. The resource persons were Mr. Rohan Dongre, Mr. Revi Raj and Mr. Sudhanshu Kumar Yadav, the faculty members of Robosapiens. 220 students participated in the event of which 43 students were from other Engineering college in South India.

9. Seminars & Training Programmes Conducted by Faculty

(a) State Level

Seminars Conducted

1. As seminar on Research Methodology and data Analysis was conducted for the faculty members and researchers on 27th & 28th April 2012. Dr. Sebastian Rupert Mampilly and Mr. Bibin P Paul, CUSAT Kalamassery led the session in which 45 members participated from both in and out of the campus.
2. FDP on SPSS: On 1st August, 2012 faculties of MBA attend an FDP on SPSS- Statistical Software Package for Social Science research. The resource person was Ms. Sajithamony T.M, who is a faculty of the Department of Management studies, SNGIST .
3. Decennial lecture series was conducted by global environmentalist, Dr Henry Aspequist from Sweden.

He delivered the first edition of the decennial lecture series.

Seminars Attended

1. Ms. Shiyana A Salam & Ms. Shine Job, Sr. Tutor, Department of Engineering
Attended two days Workshop on “*Emerging Trends in STAAD. Pro V8i*” conducted by SNGCE, Kadayiruppu
2. Ms. Kavitha C.R, Asst Professor, MCA & Ms. Sagini Thomas Mathai, Asst Professor, MBA
Attended “*Orientation Programme for Women Counsellors*” conducted by Department of Students Service, Mahatma Gandhi University
3. Mr. Padmanabhan N.S, Assistant Professor, MBA
Attended National conference on “*Emerging dimensions in Marketing*” organized by SAINGIST, Kottayam
4. Ms. Ameena Babu, Ms. Sreelakshmi C & Ms.Sagini Thomas Mathai, Asst Professor, MBA
Attended the two day International Conference on “*Paradigm shift in innovative Business management Placitum 2012*” organized by the department of Management studies, SNGCE
5. Ms. Bini Babu, Mr.Sreejith S, Ms. Shine Job & Mr. Anoob C S, Department of Engineering
One day introductory session on “*Advance Autodesk Programming*” at Trittech Design Academy
6. Mr. Vishnu Shaji & Mr.Antony Bestow, Department of Engineering
Attended a workshop on “*Thermodynamics*” conducted by IIT Bombay at FISAT
7. Mr. Johnson K & Prof. Ayyappan Pillai, Department of Engineering
Has participated in 2 day seminar on “*Employability of Fresh Engineering graduates in the Era of Globalization:*” Problem and prospects held at CUSAT
8. Mr. Sumesh A S, Department of Engineering
Attended the 2 days ISTE workshop for “*Writing Effective Conference papers*” conducted by IIT Bambay at St. Josephs College of Engineering
9. Mr. Johnson K & Ms. Deepthi, Department of Engineering
Participated in the Faculty Development Programs on “*Instruction Design and Delivery system*”

- 10.** Dr. Jalaja N.R, Mr. Geo Baby, Ms. Ameena Babu V, Mr. Sreenish S.R, Ms. Sreelakshmi, Asst Prof, MBA
Attended the 13th Malayala Manorama Budget Lecturer- “Union Budget 2012 and Beyond” by Dr Vinod Vyasulu(Director at Center for Budget and Policy Studies, Bangalore) at Le Meridian.
- 11.** Faculty of MCA Department
Attended a seminar on “.netframe work” by Conscient Technologies, Kochi.
- 12.** Mr. Jino P John, Asst Professor, MCA
Attended a National conference on “Indian Language Computing (NCILCC 2012)” at CUSAT, Kochi
- 13.** Ms. Ameena Babu V, Asst Professor, MBA
Was selected as a panel member for the discussions on the Programme “Niyanthranarekha” of Malayala Manorama News Channel. The theme of the programme was “ Load shedding problems in Kerala”.
- 14.** Prof. Geo Baby, Ms. Ameena Babu V and Mr. Sreenish S.R, MBA attended a talk on “*Timeless Leadership*” by Prof. Debhashis Chatterjee at the Fern Hotel, Kcohi. The talk was based on his inspiration from the Bhagavad Gita, the revered Hindu religion text.

Paper Presented

- 1.** Mr. Geo Baby, Professor, MBA
Presented a training programme on “*Transformational Leadership and Corporate Social Responsibility*” for a group of foreign trainees.
- 2.** Ms. Bindi K.R, Asst Professor, MBA
Presented a paper entitled “*Impact of Psychological Factors on Qwl and Employee Performance*” in Annual Research Congress in Karpagam University
- 3.** Mr. Sreenish S R, Asst Professor, MBA
Presented paper on “*Restructuring a challenges to banks*” on the national seminar on “*future perspective of Indian Financial Systems- opportunities & Challenges*”
- 4.** Ms. Ameena Babu & Ms. Sreelakshmi C, Asst Professor, MBA
Presented paper on a study on “*the favorable and unfavorable factors affecting cashless banking in the digital era*” on the national seminar on “*future perspective of Indian Financial Systems- opportunities & Challenges.*” At MCMAT, Perumbavoor.

5. Ms. Smitha Harikumar, Asst Professor, MCA

Presented a paper titled a case study on “*Highly Dimensional Data Analysis using Decision Tree*” and another paper entitled “*Business intelligence through data mining*” in the National conference on Web service, networking security and soft compacting at Karpagam University

6. Mr. Jino P John, Asst Professor, MCA

Has presented in the 3 day national workshop on “*Cryptography and Network security*” organized by Department of Computer Science, Rajagiri college of social science, Kalamasery

(b) National Level

1. Ms. Ameena Babu, Asst Professor, MBA

Presented a paper entitled “Analysis of celerity Endorsement as a Comparative Marketing Communication tool” at Albertainina Institute of Management for the National Seminar on Changing Landscape of Marketing Communications.

2. Ms. Sagini Thomas Mathai, Asst Professor, MBA

Presented a paper on “*Branding through Social Media*” in the National Seminar on “*Changing landscape of marketing communications*” held at Albertian Institute in management, Cochin

(c) International Level

1. Ms.Ameena Babu V, Assistant Professor, MBA

Presented a research paper titled “*A study on the application of IT in the Banking industry- An Indian Perspective*” in the International Conference organized by Holy Grace Academy of Management Studies, Mala

2. Eby Thomas Thachil; “Effect of compatibiliser on the mechanical properties of natural rubber/expanded polystyrene blend”, International conference on Polymer Science and Engineering Emerging Dimensions,

10. Publications by the Faculty with Impact factor of the Publications (A short description)

1. Eby Thomas Thachil, “*Utilization of waste expanded polystyrene: Blends with silica-filled natural rubber*” *Journal of Materials and design, volume 40 (2012)*.

2. Eby Thomas Thachil; (Accepted in Journal of Chemistry and Chemical Engineering), “Preparation and characterization of HDPE-wood ash composites”.

3. Eby Thomas Thachil, "HDPE-ash nanocomposites" Journal of Applied Polymer Science Volume 124, (2012)
4. Eby Thomas Thachil, "Rice husk ash – A valuable reinforcement for high density polyethylene" Journal of Materials and Design, Volume 41 (2012).
5. Eby Thomas Thachil. (Accepted in Journal of Chemistry and Chemical Engineering), "Study on the Degradation of Linear Low-Density Poly(ethylene)-Poly(vinyl alcohol) Blends in the Presence of Cobalt Stearate and Vegetable oil- Vidya Francis"
6. Eby Thomas Thachil.(Online view- in International Journal of Applied Polymer Science) "Characterisation of Linear Low-density Polyethylene/Poly(vinyl alcohol) blends and its extent of biodegradability by *Vibrio* sp. isolated from marine benthic environment".
7. Eby Thomas Thachil.(Under review in the Journal of Biodegradation)., "Biodegradation of a polyvinyl alcohol -LLDPE blended plastic film by a consortium of *Vibrio* sp. from marine benthic environments and their characterization"

Papers presented in national/international seminars

1. Eby Thomas Thachil; "*Effect of compatibiliser on the mechanical properties of natural rubber/expanded polystyrene blend*", International conference on Polymer Science and Engineering Emerging Dimensions, 2010, Chandigarh, India.
2. Eby Thomas Thachil; "*Studies on the use of waste expanded polystyrene in natural rubber compounding*", UGC sponsored National seminar on Chemistry and Environment, St. Paul's College

Kalamassery, Kerala, September 2010.

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

1. Ms. Smitha Harikumar, Asst Professor, MCA
Published a article on "*Case study on High Dimensional Data Analysis using Decision Tree Model*" and another paper entitled "*Business intelligence through data mining*" in an international Journal, IJCSI, 2012-9-3-2488 in vol 9, issue 3, May 2012.
2. Ms. Smitha Harikumar, Asst Professor, MCA
Published an article on "*Comparative study of Data mining algorithms for High dimensional Data Analysis*" in an international journal IJAET, 2231-1963, 173, VOL-4, Issue 2, Sep 2012

12. Academic Achievements (A short description)

Among 30 MBA Institutes of M.G.University, SNGIST holds 8th position based on the 3rd semester results and 8th position based on the 1st Semester results.

13. Student Achievements - Academic (A short description)

Students of SNGIST won prizes in treasure hunt conducted by various colleges, and Ms Reshma G of

MCA won second prize in paper presentation conducted by SJCET, Pala.

14. Students Activities/Achievements – (Extra Curricular)

(a) National Service Scheme

- Inauguration of Teen Club: In support with NSS, Teen Club was inaugurated by Sree Narayana Guru Institute of Science & Technology Director Dr. K.S Divakaran Nair on 17th March, 2012. The club was a venture under aegis of the Department of Health.

A seminar for women of Ward No.2 of Karumallur Grama Panchayath was conducted on 18th March, 2012 on behalf of Teen Club. Mr. M M Rasheed, the member of Grama Panchayath inaugurated the Seminar and Dr. M N Venkiteswaran, pediatrician, led a class on Parenting and Sex education. 50 women took part in the seminar; He clarified the doubts of the Participants.

- Blood donation camp was organized in the campus under National Service Scheme
- State Level Workshop of NSS Volunteer Secretaries:

A state level Workshop for Volunteer Secretaries of NSS Technical Cell Kerala, Central Zone was conducted at SNGIST, N.Paravur on 14th and 15th July 2012. The programme started with a grand Proclamation Rally by the Gistians at N.Paravur Town on 13th July 2012.

(b) Arts Festivals

Student Activity

1. Management Festival - ZEITGEIST-2012

Zeitgeist' fest was conducted on 19th & 20th October, 2012. Students from within and outside the state will get an opportunity to hone their management skills at the fest. Former Vice-Chancellor of MGU and IGNOU, Rajasekharan Pillai, inaugurated the function on 19th October, 2012.

Nine competitions, including 'marketing game', 'best manager', 'HR game' and 'business quiz', among others, was held on the occasion to assess the management skills of the contenders. Excise Minister K Babu inaugurated the valedictory function of the fest on 20th October, 2012.

2. IT Festival – INIZIO 2012

National Level IT Fest – INIZIO 2012 was organized in our institution for two days on 17th and 18th February 2012. It was a 2 day programme with a number of exiting events. The fest was grant success and around 454 students from various 53 colleges from inside and outside Kerala participated in this fest. A Total of Rs. 75,000- was awarded as prize money to the participants.

Dr. M Aramudhan, Professor, Govt Engineering College, Puthuchery inaugurated the festival. There after a National Seminar talk on "Security in Cloud Computing" was also delivered by the chief guest. The selected papers from the presentation was published as a journal (ID: ISBN798-1-4675-1445-3). A variety of events on Code cracking, Paper Presentation, Coding, Web designing,, Treasure Hunt IT quiz, Gaming etc were conducted as a part of the fest.

It came to an end on 18th February with a valedictory function, which was adorned by Mr. M.S.Sreekumar, Associate Vice President (HR), Muthoot Capital Service, Ernakulam.

3. Club- Shakespeare Club

The Shakespeare Club members of B.Tech Mechanical Branch organized a letter writing competition on 14th February 2012 in connection with Valentines Day. 190 students participated in the contest in which Dinu Philip of S3 MCA and Punnya Raju of B.Tech Bagged the First & Second Prize Respectively.

The essay writing competition was organized by the shakesphere club members of MCA batch on 30th march 2012 on the subject Employability of educated youth: Constraints and solutions. 43 students form different departments actively participated in the competition.

4. Debate Competition

The Shakespeare Club Members of B.Tech civil Engineering organized a debate competition on 10th August, 2012 in the SNGIST auditorium on the subject 'Mobile Phones'. 16 students from various departments like MBA, MCA & Engineering spoke for and against the subject in the competition.

Student Achievements

1. Mr. Aby Joseph, Mr. Anoop Joshi, Mr. Jacson K X, Mr. Renjith K R of MCA won 1st Prize in Treasure Hunt conducted by SJCET, Pala.
2. Ms. Reshma G of MCA won 2nd Prize in Paper Presentation conducted by SJCET, Pala.
3. Mr. Aby Joseph, Mr. Anoop Joshi, Mr. Jacson K X, Mr. Renjith K R, Ms. Aparna C N, Ms. Akhila T, Ms. Summayya Karim, Ms. Veena Vinayan of MCA won 2nd Prize in Treasure Hunt conducted by MES College, Kuttipuram.
4. Ms. Reshma G and Ms. Sangeetha Chandran of MCA won 1st Prize in Paper Presentation conducted by Nehru College, Pambadi.
5. Mr. Jaison Thomas, Mr. Mujeeb Rahman, Mr. Rejin T R, Ms. Manju, Ms. Indu R, Mr. Nidhin, Mr. Shebin Shah, Mr. Ganesh, Mr. Anoop, Mr. Abhilash won 1st Prize in Treasure Hunt conducted by Nehru college, Pambadi.
6. Mr. Renjith K R, Mr. Sibin E V, Mr. Jaison, Mr. Anoop, Mr. Akhil 1st prize in Treasure Hunt conducted by Marian College, Kuttikanam.

(d) Sports

- A basket ball team has been formed in our institution and it is planned to participate in inter collegiate matches. Hosted a Basket Ball Friendly rivalry match between the team of SNIMS, Chalakka and Team SNGIST, N.Paravur to build a stronger bonds between both the institutions.
- MG University North Zone Inter Collegiate Basketball Tournament @ SNGIST: The MG University North Zone Inter Collegiate Basket Ball tournament was hosted by SNGIST from 17th to 22nd September, 2012. 56 colleges were in the first fixture.

(e) Others

- Passing out of MBA -2010-12 batch & MCA- 2009-12 Batch was inaugurated by Dr. Sumith Mizra, Professor, IIM K on 1st December, 2012.
- Dr Saravana Rajan Scholarship 2012- Dr Saravana Rajan distributed scholarship to 20 merit students who are socially and economically backward.

15. 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.

16. Academic Tie-Ups (if any)

Tie-Up with IIM-K for collaborative faculty development programmes , Tie-Up with MIIM, Kuttikanam for Student exchange programmes.

17. Student Progression

MCA

- Rope - In Programme for MCA (2012-15) I Year students has been conducted at Assisi Shanthi Kendra, Karukutty from 15th to 19th December 2012. Sessions was handled by Mr.Vipin Roldent, Mr.Ginto Mathew & Mr. Raymond D'cousta was really helpful for the students to mould their personality. Visit to Smile Village, Athirampilly was another example social commitment of our students. Our students participated in Carrol Song competition organized by Assisi Shanthi kendra. Programme was co-ordinated by Mr. Jino P J, Ms. Deepa Joseph & Ms. Soumya M, Asst Professor, MCA Department.

MBA

- Rope - In Programme for MBA (2012-14) I Year students was organised from 5th to 12th July 2012 at ASSISI Franciscan Centre at Karukutty. Mr. Benny Kurian, an international Trainer of JCI, Father Manalel, the famous Psychologist, Dr. Raju Antony, Vice Principal of SNIMS, Mr. Vipin Roldant, the Psychologist of Sunrise Hospital, P K Baby a team from CUSAT led the training
- B Tech - Inauguration of B Tech 1st Year Classes for 2012-2013 batch was done by Dr Godfrey Louis (CUSAT).
- MBA - The decennial batch of MBA was inducted on 5th July 2012. Mrs Parveen Hafeez MD of Sunrise Group of Hospitals inaugurated the batch and delivered an inspiring speech.

18. Campus Recruitment (if any)

Sl. No	Name of the Firm	No. of Students Attended	No. of Students Selected
MCA			
1	HCL	8	1
2	All Sec , Chennai	16	15

3	M/s Muzris Software solutions, Cochin	28	3
4	Suvyati Software	8	2
5	M/s Cool mind, Kakkanadu	27	2
6	M/s Calpine Tech	6	0
MBA			
1	Goan Institute of Management	3	2
2	CR&C	4	Results awaited
3	Indus Ind	1	1
4	Global Education Consultancy	1	1
5	Uniware Solution Pvt Ltd	1	1
6	Populex	3	1
7	ACS	28	2
8	New Age Systems	15	1
9	Muziris	11	2
10	South Indian Bank	3	0
11	South Indian Bank (Marketing)	1	1
12	Cease Fire	15	5
13	Dynamic Tech medicals	15	3
14	Floriguard	3	3
15	Aljabeer	1	1
16	Standard Chartered Bank	2	Results awaited
17	GTIMT	1	1
18	H&H Pharmaceuticals	2	2

19	UAE Exchange	1	1
20	Focus Management	1	1
21	Amrita	1	1
22	HDFC Bank	25	Results awaited
23	Vodafone	30	Results awaited
24	KMA Placement Drive(Exel, Transasia logistics)	10	2
25	Henkel India(Organic Coatings ltd.)	1	1
26	Bees	1	1
27	SNM Medical college	8	1
28	Ideal Forex	8	Results awaited

19. List of Research Guides in your College (with email and website)

1. Dr K.S Divakaran Nair- Management - IGNOU

E mail - Id - ksdnair@rediffmail.com

2. Dr Eby Thomas Thachil - Engineering - CUSAT

E mail - Id - ethachil@gmail.com

SREE NARAYANA INSTITUTE OF MEDICAL SCIENCES, CHALAKKA

1.Name of the College (With e-mail and website) : Sree Narayana Institute of Medical Sciences, Chalakka

principalsnims@gmail.com

www.snims.org

2.Name of the Principal : Dr. M.J. John

3.Staff Profile

Ind	6	4	4	2															
Year																			

6. 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

7. Seminars Conducted

(a) State Level : Workshop on practical training for under graduate medical students organised by Community Medicine department of our college and IPHA. Community Medicine departments of various medical colleges in Kerala have participated in the workshop.

Quiz competition were also conducted for under graduate medical students.

Various medical colleges have participated in it.

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

National Level: ASTICON 2012 (AIDS and Sexually Transmitted Infections National Conference; Organized by the department of Dermatology and Venerology, SNIMS and the IASSTD and AIDS), Nov 2nd to 4th 2012

ST. JOSEPH COLLEGE OF TEACHER EDUCATION, KOCHI

1. Name of the College (With e-mail and website) : St. Joseph College of Teacher Education for Women, Kovilvattom Road, Kochi-35, Ernakulam, Email: stjosephtrainingcollege@hotmail.com

www.stjosephcte.in

2. Name of the Principal

: Dr. Mary Joseph

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	Nil	15	Nil	Nil	15

Non Teaching	2	11	Nil	Nil	13
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4.Courses Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of Seats	
	Men	Women		Men	Women
B.Ed	Nil	200	M.Ed	Nil	35

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.Ed	0	198			M.Ed	0	29	0	29

6.Details of Tests cleared by Students

Sl.No	National Level	State Level	
1	NET-3	TET- 4	

7. Library

- (a) Total Number of Books :18113
(b) Total Number of Journals :60

- (c) Total Number of Periodicals :60
- (d) Numer of titles added during the year :274

8.Grants Received From

- (a) State Government Nil
- (b) Central Government Nil
- (c) University Grant Commission Seminar/workshop – 10,0000/-, Remedial coaching – 50,000/-, Career counseling – 20,000/-, General development – 1,60,000/-.
- (d) Others - Specify PTA- 64800, Alumni-20,000, Consultancy- 3300, Management- 10,618/-

9. Projects Undertaken

Ongoing project – 1 (“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).

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

Joby Joy Kurian

- 1) Published the article “Quality Assessment of teachers in colleges of Teacher education” in the journal “Studies in education” (volume 22) published by the Department of Education, University of Kerala.
- 2) Published the article “Teacher as a scaffolder: With an Illustrative Lesson Plan” in the journal “Teacher, Learner and Society”(volume 2) published by the publication wing of Mar Theophilus Training College.

Books published

1. Published the book “HSA Mathematics- Methodology of teaching and pedagogic analysis” published by New Jyothi Publications.

Dr. Mary Joseph

- 1) News letter – RELAY
“Teaching of philosophy, a philosophical analysis” in Erudition, The Albertian Journal of Management ISSN 0973-7839 Vol. IV ISSUE 2 July 2010.

- 2) Educational Philosophy : Innovative methods of teaching “In International Educator Vol.21,No.2.December 2009.
- 3) Environmental knowledge, Teaching Skills and Attitudes Towards Environmental Approach Among Secondary School Teachers” in International Educator Vol.21,No.2.December 2009.
- 4) Remote sensing – Global possibilities – in Edufocus Vol.4.No.1 June 2010
A research paper on Staff Development Programme 21st Century Skills Of Teacher Educators was published in Edufocus vol.5 No.2 December 2011
- 5) “21st Century skills of Teacher Educators” in Erudition, The Albertian Journal of Management ISSN 0973-7839 Vol. VI ISSUE 2 July 2012.
- 6) A research Paper on Teacher Educator’s Philosophy for 21st Century prepared and communicated for publication and it is accepted for publication in Academia A Peer – Reviewed International Journal on Education Published by Govt. Institute of Advanced Study in Education, Palace Road, Thrissur, Kerala -680 020.

Regi. P. Mathew

- 1) Published an article entitled “Future wheel :An Innovative Learning strategy to Develop Environmental Awareness’ ERUDITION: Albertian Journal management. ISSN 0973 – 7839, Volume IV, Issue – 2 July 2010

Marine Jose

- 1) College Newsletters” JOSEPHITE FLASHES 2007-8, 2008-9, 2009-2010.
- 2) Blogs
 - A) For english optional students: <http://englishteachereducation.blogspot.com/>
 - B) For guidance and counselling students: <http://teachereducationguidanceandcounselin.blogspot.com/>

DR.Rachel George M

- 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 Endeavours.

- 2) "Self learning package in increasing the awareness about personal hygiene practices and correcting the perceptions among student teachers at secondary level."In Gurujyothi Research and 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'.
- 4) "Effectiveness of Co Operative Learning Strategy- Jigsaw II in Learning Biology at Secondary School Level " , Journal of Contemporary Educational Research and Innovations, ISSN 2249-9636 (online)(Vol.2,No.3, pp-52-58,May-June 2012).
- 5) "Adopting a Self Learning Approach: A way to increase awareness about Postural Defects and Correction Exercises among Student teachers at Secondary level, International Journal of Academic Research Reflector, ISSN 2277-7342 (online) (Vol.1, No.3, pp 20-27, May-June 2012).

Dr. Hemaletha P.K

- 1) Inquiry Approach in Developing Affective Goals in Learning History at Secondary School Level in National (Vol. 1, No. 2, pp.19-22, 2011 JCERI (Journal of Contemporary Educational Research and Innovations (Chidambaram,Tamil Nadu) (Available online at <http://www.jceri.com>)
- 2) Blogosphere in Education Arena in National Journal,'Gurujyothi Research and Reflections National (ISSN 0976-0865) vol.6 issue 2 June 2012, S N Training College ,Nedunkandam.
- 3) Effectiveness of Intervention Programme on Dyscalculia Students at Primary Level in International Journal of Academic Research Reflector (Vol. 1, No.4, pp.68-71, July-

Smitha Jose

An Investigation into SocialNetworking Addiction among Adolescents at Graduate level in Ernakulam District in International Journal of Academic Research Reflector ISSN 2277-7342 (Online)Vol. 1, No.3, pp37-41., May-June 2012 Available online at <http://www.jceri.com>)

10. Research Highlights of Faculty/Scholars (A Short Discription)

Alice Joseph, Betty P.J., Smt. Bindu Joseph, Smt.Joby Joy Kurian and Josephine Joseph are doing their Ph. D studies.

11.Students Activities/ Achievements –(Extra Curricular)

- (a) Arts Festivals Our students participated in SAM fest organized by SAM Training college Poothotta and Anjaly Amruth of social science education won second prize in folk dance and the team lead by Shima T.S won first prize in Thiruvatira
- (b) Sports Nadasha Paul of Physical science education won first position in Discuss throw, Javelin throw and also in shot put and won the individual championship. Sarimol C.N of Natural Science education won 3rd prize in long jump and in 100meters race..

12. Campus Recruitment (if any)

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
	Goan Institute of Communicative English Banerjei Road, High Court Junction, Kochi, Kerala	0	15	0	2

ST. JOSEPH COLLEGE, MOOLAMATTAM

1.Name of the College (With e-mail and website) : St. Joseph's College,
Moolamattom

E-mail : sjcmoolamattom@gmail.com

Website : stjosephscollegemoolamattom.org

2.Name of the Principal : Rev.Dr. Gilson John CMI

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	27	04	--	--	31
Non Teaching	17	02	--	--	19

BA Eco.	19	22	1 5	18	M.Sc chem	-	1	--	11										
BA Eng.	06	18	0 6	18	MS W	Result awaited													
BBM	19	13	1 8	13															
B.Sc. Chem	07	22	0 4	19															
B.Sc. Phy.(V)	20	08	1 5	07															
B.Com.(V)	36	21	3 1	23															

6. Library

- (a) Total Number of Books : 17171
- (b) Total Number of Journals : 21
- (c) Total Number of Periodicals : 57
- (d) Number of titles added during the year : 112

7. Grants Received From

- (a) University Grant Commission : Rs. 2213124/-

8. Projects Undertaken

(a) DEPARTMENT OF CHEMISTRY

- Microwave assisted acylation reactions using polyvinyl pyrrolidone-oxime supported acyl transfer reagent – Dr. Ebey P. Koshy - Chemistry
- Microwave assisted synthesis of metal doped grapheme-polyvinyl alcohol composites – Dr. George V. Thomas – Chemistry

DEPARTMENT OF ENGLISH

- a. A minor research project by Dr. Baby Joseph

9.Seminars Conducted

Physics Department

- (a) State Level : One day seminar and workshop for College teachers on “Physics practical’s for U.G. programme”

Chemistry Department

- (a) National Level :Emerging Trends in Chemistry

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

Department of Chemistry

Two papers are presented in the International conference on Material Science & /technology held at Pala

1. Sijo Francis, Siby Joseph, P.K. Radhakrishnan, phenomenological, Kinetic and mechanistic studies on some Lanthanide nitrate complexes of N,N¹-Bis (4-antipyrylmethylidene) ethylenediamine
2. Saji K Jose, Siby Joseph, P.K. Radhakrishnan
Thermal studies on some lanthanide perchlorate complexes of 4-Formyl-2,3,dimethyl-1-phenyl-3-pyrazoline-5-one

One paper is presented in the 24th Kerala Science Congress held on January 2012 at RRII, Kottayam, January 29-31, 2012

1. Saju M.Sebastian, Ebey P Koshy, Solvent Free oxidation and Halogenation reactions using EGDMA Cross linked Polyvinylpyrrolidone-Bromine Complexes under microwave Irradiations

11.Research Highlights of Faculty/Scholars (A Short Discription)

Saju M Sebastian won the Madame Curie award for the best paper presented in the Swadesi Science Congress at Kollam

12.Academic Achievements (A Short Discription)

K.C. Joseph appointed member of P.G. board of studies for Chemistry

Dr. V.P. Thomas, Head of the Department, Management studies was awarded
MBA in Finance

13. Student Achievements - Academic (A Short Discription)

Department of Chemistry

Karthika K R, III Rank M.Sc. Chemistry 2012

Elsa Mary Sebastian participated in the Republic Day parade at New Delhi

3 students from B.Sc. Chemistry got Higher Education Council Scholarship

Department of Economics :

2 students from B.A. Economics got Higher Edn. Council scholarship

Department of English

A pass percent of 100% in the last years Degree exam.

Department of Management studies

Dona Joy (2009-12) has secured A grade (only A grade in M.G. University) in BBM
Degree examination 2012

14.Students Activities/ Achievements –(Extra Curricular)

BBM Department

Inter Collegiate Competitions – I Prize in Essay writing, Quiz, Elocution, Poster presentation
Competitions

(a) National Cadet Crops:

1. Participated in the RD parade at Vazhathoppe and won the prize
2. 23 Cadets attended the Annual Training Camp at St. Mary's H.S. Elangulam from 10/5/2012 to 19-5-2012
3. Three cadets attended the pre-TSC Camp at Government College Nattakom and St. Mary's Thiruvalla.

4. Three Cadets attended the army attachment camp at Thiruvananthapuram from 29-5-2012 to 14-6-2012
5. On World environment day NCC cadets planted samplings in the College campus
6. Three cadets attended the army attachment camp at Thiruvananthapuram from 14-6-2012 to 28-6-2012
7. Best voluntary Blood donation college award to NCC unit of St. Joseph's College, Moolamattom instituted by IMA Thodupuzha
8. Best Voluntary Blood donation promotion award to Lt. Pramod Joseph, ANO, St. Joseph's College Moolamattom, instituted by IMA Thodupuzha
9. NCC cadets won the first prize (trophy and cash award) in quiz competition and drawing completion held on 14-6-2012 in connection with world blood donor day
10. Donated water purifier to students of Government New LPS Kudayathoor
11. Release of the NCC News letter by group commander Col. V P Paul on 24/7/2012 at NCC office Pala
12. Participated in the Independence day parade at Thodupuzha and won the trophy
13. 17 Cadets attended the combined Annual Training camp at Deva Matha College, Kuravilangadu
14. Conducted the CATC at St. Joseph's College Moolamattom from 12-9-2012 to 21-9-2012
15. Seventy cadets attended the CATC at St. Joseph's College, Moolamattom from 12-9-2012 to 21-9-2012
16. Donated food items to the inmates of Blind School, Kudayathoor
17. Our cadets were the volunteers in the mega eye testing camp held at Moolamattom
18. Two cadets attended the Trekking camp at Assam
19. Four cadets and ANO attended the NIC at Nagorota, Jammu from 29-10-2012 to 9-11-2012
20. UO Alphonsa Jose won the gold medal in the obstacle race at the national level in the Thal Sainik camp held at New Delhi from 27-9-2012 to 7-10-2012.
21. UO Thomson Thomas won the gold medal in the obstacle race at the state level in the Thal Sainik Camp
22. Two cadets attended the Kerala Trek II at Kulamavu from 1-11-2012 to 10-11-2012
23. Conducted the NCC day run
24. NCC cadets celebrated Christmas
25. Conducted Blood donation camp on 10-1-2013. Fifty units of blood were donated.

(b)National Service Scheme:

NSS seven day camp was held at St. Antony's HSS, Poonjar from 21st to 27th December, 2012. It was conducted under the guidance of Mr. Jose James and Mr. Roby Mathew, the programme officers

of the unit. The seven-day camp was inaugurated by Sri.A.T George Areepakkal, President of Poonjar-Thekkekara panchayat. The function was presided over by our principal Rev.Dr.Fr.Gilson John CMI. The camp was heralded with a rally which announced the objectives of the camp. Rv.Fr.Chandy Kizhakkeyil CMI gave felicitation on the inaugural session of the camp. The volunteers undertook repairing of roads like Kadukappara—Pottamkudi and Payyanithottam—Idamala. The volunteers conducted a health survey in the first ward of the panchayath. It was followed by an informative class by Dr.Jaison Joseph (IWMP,Idukki) on the protection of water and soil. In addition, the volunteers cleaned the premise of Poonjar PHC. Apart from engaging themselves in socially useful activities, they benefited greatly from various classes by experts in various fields. The volunteers had a memorable Christmas celebration in the camp. The valedictory function of the camp was held on 26th of December, 2012. It was presided over by Rv.Fr.Chandy Kizhakeyil, the Manager of the school. Sri. P.C. George MLA participated in the function and inspired the volunteers with his thought provoking words. Before leaving the camp, the volunteers cleaned the premise of the school where they stayed for all these days. The camp came to an end on 27th of December, 2012.

(c) Arts Festivals :

Arts Club Inauguration: Our College Arts Club ushered their activities from 8th December 2011. The programme was inaugurated by Sri. Shafi Parambil honorable MLA of Palakkad. Our beloved Principal, Rev.Fr. Gilson John CMI, Arts Club Secretary Thomson Varghese and other Union members were on the dais. The programme was addressed by Ms. Usha Gopinath Grama Panchayath President, Arakulam and thereafter ‘THIRLLER 2011’, a mega event organized by the students made the programme colorful.

Arts Day: On behalf of the Arts Club, the Arts Day named ‘MAMANGAM 2012’ was conducted in our college on February 10th. The programme was inaugurated by our beloved Principal, Rev. Dr. Gilson John CMI. Various cultural items were performed by our students with very good standard in which B.Sc. Chemistry secured the overall position.

University Youth Festival: University Youth festival named ‘SARGODHAYAM 2012’ was held from 29th – 4th February 2012 in Thiruvalla, in which our college has secured several prizes including second prize by Jasmin Baby of English Department for the event recitation English under the leadership of Mr. Thomson Varghese, the Arts Club Secretary. The students active participation in the various evens inspired the activities of the Arts Club.

Department of English

English recitation second prize in the M.G. University Arts Festival

BBM Department

College sahitya Prathiba Puraskaram 2012 – Muhammed Riyas M.M.

University Union Youth Festival 2012 – A grade – Photography – Jose Cyriac

A grade – Light Music – Ramatheerthan P A

(d) Sports - Best sportsman of the year 2012 – Nithin P - BBM

15.Student Progression

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

Three students of Chemistry qualified UGC-NET

16. Campus Recruitment (if any)

From Department of Physics

Sl. No	Name of the Firm	No. Students Attended		No. Students Selected	
		M	W	M	W
1	INFOSYS	6	4	1	--

ST. MARY'S TRAINING COLLEGE, KARIKODE

1. **Name of the College (with e-mail and website)** : St. Mary's Training College, Karikode
stmarysbed2002@gmail .com :
www.ceskarikode.org

2. **Name of the Principal** : Ms. Ginish Gopal

3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	2 Nos	4 Nos	2	Nil	8 Nos
Non Teaching	3 Nos	3 Nos	Nil	Nil	6 Nos

4. Course Offered with Number of seats

Under Graduate	Number of Seats		Post Graduate	Number of seats		MPhil	Number of seats		Ph. D	Number of seats	
	Men	Women		Men	Women		Men	Women		Men	Women
B.Ed											
	120										

5. Student Intake

Intake, those Appeared in the Examination and passed M-Men, W-Women																			
Under Graduate	Appeared		Passed		Post Graduate	Appeared		Passed		MPhil	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	7	3	7	3															
		3		3															

6. Library

- a. Total Number of Books :4786
- b. Total Number of journals :8
- c. Total Number of Periodicals :12

7. Seminars conducted by Faculty (Name wise-with details)

- a. State Level

Ms. Ginish Gopal attended (1) State Level workshop on 'Total Teacher Transformation Programme' on 13-10-2011 organized by Mahatma Gandhi University.

Theme discussions seminars 2012 in connection with Mahatma Gandhi University Library
International Book Fair (INFOBA 2012)

Workshop on ‘Guidance to Practice Teaching Related Works’ on 29-03-2012 organized by AKTCTA
at Titus II Teacher’s College, Thiruvalla.

Ms. Feba Grace attended a workshop on 29-03-2012 organised by AKTCTA at Titus II Teachers’
College, Thiruvalla.

Ms. Jayadevi C.A attended a workshop on 29-03-2012 organized by AKTCTA at Titus II Teachers’
college, Thiruvalla.

Ms. Irene Mathew attended (1) workshop on 29-03-2012 organized by AKTCTA at St. Joseph’s
Training College for Women, Ernakulam. (2) UGC sponsored two days workshop on “Women
Empowerment” at N.S.S Training College, Changanassery

8 .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	5	12	2	7

ST. PAUL’S COLLEGE, KALAMASSERY

1. Name of the college (with e-mail & website) : St. Pauls’s College, Kalamassery

E-mail address paulscollege@ymail.com

Website www.stpauls.ac.in

2. Name of the Principal

: Dr. Edwin Xavier

3. Staff Profile

Category	Men	Women	SC	ST	Total
Teaching	22	25	Nil	Nil	47
Non Teaching	19	3	Nil	Nil	22

4. Courses offered with number of seats

Under Graduate	No. of seats		Post Graduate	No. of seats	
	Men	Women		Men	Women
BA English	45	31	MA English	9	42
BA Economics	86	83	MA Economics	1	36
BSc Physics	51	50	MSc Physics	11	23
BSc Maths	46	63	MSc Maths	1	28
BSc Chem.	34	33	MSc Chem.	9	49
BCom	68	101	MCom	13	26

5. Student Intake

Intake, those appeared in the examination and passed									
Under Graduate	appeared		Passed		Post Graduate	appeared		Passed	
	Men	Women	Men	Women		Men	Women	Men	Women
BA English	10	13	8	11	MA English	1	10	1	7
BA Economics	15	29	14	25	MA Economics	4	11	4	11
BSc Physics	10	16	7	15	MSc Physics	2	8	1	7
BSc Maths	10	18	8	16	MSc Maths	0	8	0	5
BSc Chem.	10	12	8	11	MSc Chem.	2	15	0	10
BCom	23	25	23	25	MCom	4	11	3	11

6. Library

(a) Total Number of Books : 29843

(b) Total Number of Journals : 46

(c) Total Number of Periodicals : 24

(d) No. of titles added during the year : 233

7. Grants Received from

(a) State Government :

1. Higher Edn. Scholarship : Rs.1,08,000.00

2. Physically Handicapped ;Rs. 12,250.00

(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 and Rs. 1,60,600/- received during this year

(c) University Grants Commission:

1. Equal Opportunity : Rs.12,500.00

2. Remedial Coaching : Rs.1,29,500.00

3. Seminars : Rs.2, 02,625.00

4. Development of Sports

Infrastructure : Rs.2, 00,000.00

5. Minor Research Project : Rs.34,000.00

8. Projects Undertaken

Minor Research Project

- Dr Manju K Menon ,Department of mathematics completed UGC- minor research project titled “Study on some problems on Interconnection Networks” .
- Dr.Asha E Thomas was sanctioned Minor Research Project of UGC , titled ‘Role of Micro Finance Enterprises in empowering women of Kerala State’

9. Seminars Conducted

(a) State Level:

- One day conference on ‘Recent Trends in Retail Industry’ was organized by Department of Commerce on 22nd, August.
- Regional Seminar on “Rereading Charles Dickens in the 21st century” organized by Department of English on the 10th September.

- Seminar on the topic ‘Our Position in Galaxy’ was organized by Department of Physics on 10th October in connection with the science week celebrations.

(b) National Level

- The Dept. of Economics organized a national seminar sponsored by the ICSSR (Indian Council of Social Science Research, New Delhi) on the theme "Kerala's Growth Strategy - Opportunities and Challenges" from 12-14 December 2012.

10. Paper presentation in International Seminars/ Conferences

- International Physics Olympiad pre departure training camp on July 3-8, held at Homi Baba Centre for Science Education TIFR, Mumbai: Dr. James Joseph, Associate Prof. Dept of Physics.
- DCL – CLAI International conference on “Tradition of Dissent in sub continental Literatures and cultures organized by Central University of Kerala, Kasargode on Oct 15-17: Lima Sunny, Asst Prof. Department of English
- “Transposed Electra in 22 Female Kottayam” in the UGC Sponsored C PRACSIS International Conference on Cinema Cultures in South India 13-14 October 2012. Organised by C PRACSIS, Thrissur: Binil Kumar Asst. Prof, Dept of English

Paper presentation in National Seminars

- “On Green Banking” in UGC sponsored National Seminar held at NSS College Changanassery on August 16th & 17th : Motti Joseph, Asst Prof. Dept of Commerce.
- “Multimedia Presentation of Wilfred Owen’s ‘Anthem for Doomed Youth’ to Enhance Reading Skills” in the National Workshop on ELT: Developing Multimedia Package for General English Course on 26-28 July 2012 organised by Centre for English Language Teaching, University of Kerala: Binil Kumar, Asst. Prof. Dept of English
- “Confused Identities in the Poems of Moniza Alvi” in the UGC Sponsored National Conference on Diaspora Studies: Srilanka, Pakistan, Bangladesh on 10-11 September 2012: Binil Kumar, Asst. Prof. Dept of English
- Paper Presented: Conducted by: UGC - SAP, Institute of English, University of Kerala. Binil Kumar, Asst. Prof. Dept of English

12. Seminars Attended by faculty

National Seminars attended by Faculty

- National Seminar on “Best Practices in Research Consultancy: Opportunities & Challenges” held at St. Teresa’s College, Ekm on 20th October: Dr. Reena J. Andrews, HOD , Dept of English
- Seminar on Role of Arts and Science colleges in developing Kerala: Prospects and Challenges held at Sree Sankara College ,Kalady on 13th October 2012: Gibin Jacob, Asst. Prof. Dept of Commerce
- Seminar on Role of Arts and Science colleges in developing Kerala: Prospects and Challenges held at Sree Sankara College ,Kalady on 13th October 2012: Motti Joseph , Asst. Prof. Dept of Commerce
- UGC sponsored national seminar ‘Human Rights Issues of Migrant Labourers in Kerala’ Organised by the department of Economics, sacred Heart college, Thevara, Kochi in collaboration with Rajagiri outreach on July 12&13: Justine George, Asst.Prof. Dept of Economics.
- National seminar on Algebra & Number Theory, at CUSAT, Cohin from 16-18 of August: Savitha K.S, Asst Prof, Dept of Mathematics.
- Seminar on Fuzzy Maths, Near sets & Cryptography on 23rd June-2012 at St, Teresa’s College, Ernakulam: Pramada Ramachandran , Asst Prof, Dept of Mathematics.

International Seminars attended by Faculty

- International workshop on Raman Spectroscopy organized by Kerala State Council for Science and Technology and Environment held at , Thiruvananthapuram on 10th August: Dr.Usha John, Associate Prof. Dept of Physics
- International Conference on Management Practices and Research in Emerging Markets on 15th August held at Marthoma College of Management and Technology : Dr.Asha E. Thomas, Asst. Prof. Dept of Commerce
- 8th ADMA Conference and Graph Theory held at VVV College for Women, Virudhu Nagar, Tamil Nadu during June 8-10, 2012: Dr.Manju K.Menon , Asst. Professor, Dept of Mathematics.

Workshops

- UGC sponsored One Day Workshop on Research based Project Methods on 26th July at Cochin College: Gibin Jacob, Asst. Prof. Dept of Commerce
- UGC sponsored One Day Workshop on Research based Project Methods on 26th July at Cochin College : Teresa Stephen, Asst. Prof. Dept of Commerce

- Two day workshop on new PG curriculum in Economics organized by P.G.Board of Studies: Mahatma Gandhi University held at St.Thomas College, Pala on 12 th and 13 th September – Justine George, Asst. Prof. Dept of Economics
- Two day workshop on new PG curriculum in Economics organized by P.G.Board of Studies , by Mahatma Gandhi University held at St.Thomas College, Pala on 12 th and 13 th September: Sumitha Franklin , Asst. Prof. Dept of Economics.
- One Day workshop on “Women Empowerment” on July 30th at St. Xavier’s College, Aluva: Lima Sunny, Department of English & Dr Manju K Menon, Asst.Prof.Dept of Mathematics.

Poster Presentations (DATES)

- Nano kaolin clay as a modifier for glass fiber reinforced thermoplastics, Society of Polymers 2012, Mar Ivanious College ,Trivandrum by Tresa Sunitha George, Asst. Prof.Dept of Chemistry
- Polymer nanocomposites based on blends: Effect of vinyl silane modified kaolin clay on Polypropylene/ Polystyrene Nanocomposites, Society of polymers 2012,Mar Ivanious College, Trivandrum by Tresa Sunitha George, Asst Prof. Department of Chemistry

Refresher Course

- Refresher course in Mathematics at UGC-ASC, Calicut University from 11th to 31st Of August 2012. By Savitha Asst.Prof. Dept of Mathematics
- Refresher course in Mathematics at UGC-ASC,Kerala University, Thiruvananthapuram fro 5th to 26th of September 2012. By Pramada Asst.Prof. Dept of Mathematics

13. Publications by the Faculty with Impact factor of the Publications

Journal

Rose Philo k.J., Associate Prof,Dept.of Chemistry

1. Acetalization of cyclohexanone over transition metals modified mesoporous ceria-A Green approach,Rose Philo K.J and Sugunan.S, Dept.of Applied Chemistry ,Cochin University of Science and Technology, International Organization of Scientific Research-Journal of Applied Chemistry(IOSR-JAC) ,ISBN 2278-5736 ,vol. 10 ,issue10 , July 2012.

2. Oxidation of ethyl benzene over mesoporous ceria modified with chromium. Rose Philo K.J and Sugunan S, Dept.of Applied Chemistry, Cochin University of Science and Technology International journal of Scientific and engineering research.(IJSER)ISSN – 2229-5518 vol 3, issue 7 , July 2012.

3. Benzylatoin of toluene over iron modified mesoporous ceria, Rose Philo K.J and Sugunan S, Dept.of Applied Chemistry, Cochin University of Science and Technology,-Bulletin of chemical reaction engineering an cataylsis, ISSN – 1978-2993 –communicated

Tresa Sunitha George, Assistant Prof.Department of Chemistry

1.Effect of Maleic anhydride grafting on nanokaolin clay reinforced polystyrene /high density polyethylene blends. Tresa sunitha George¹,Asha Krishnan¹,Newly joseph¹,Anjana R.^{1,3},K .E. George,¹Dept.of Polymer Science and Rubber technology,Cochin University of science and technology,³Government Eneering College,Thrissur,Polymer Composites,Vol 33 ,Issue 9,pages 1465-1472,Wiley Blackwell,Sept 2012.

2.Effect of modified kaolin clays on the mechanical properties of polypropylene/polystyrene blends. Asha Krishnan ,Tresa Sunitha George,Anjana R, Newly Joseph,K.E.George, ¹Dept.of Polymer Science and Rubber technology,Cochin University of science and technology Journal of Applied polymer Science(JAPS).Article first published online 7 june 2012 .DOI:1002/app.38043.

3. Optimisation of processing conditions of PP/HDPE/nanokaolinite clay composites by response surfacemethodologyAnjana Ramachandran ,Tresa Sunitha George & Asha Krishnan ,K.E.George,*International Journal of PlasticsTechnology* ,ISSN 0972-656X,*International Journal of Plastic Technology* DOI 10.1007/s12588-012-9038-0

Dr. Manju K. Menon, Asst. Prof. Department of Mathematics

1.Containers and wide diameter of P3(G), *Mathematica Bohemica* (to appear) Daniela Ferrero, Manju k. Menon, A. Vijayakumar,

2.Double graph as an interconnection network model (communicated) Manju K. Menon,

Books

Justine A.George, Asst.Prof.Dept of Economics

- ❖ Financing of India's Balance of Payments, Discernible changes in the post liberalisation period [Sub title], Justine George (Author), Paperback: 90 pages. Publisher: LAP LAMBERT Academic Publishing, Germany (2nd July, 2012)

Papers in the edited books

Dr.Reena J. Andrews, Associate Prof. Dept of English

- a) "Protagonist as Rebel in Girish Karnad's Tughlaq" in Girish Karnad & Mahesh Dattani: Methods & Motives. Ed. G.Baskaran .Delhi, Viking,2012

Justine A.George , Asst.Prof.Dept of Economics

- a) Flow of Foreign Direct Investment to India under liberalization period: Myth And Realities, edited by Dilip Saikia, Kiran Kumar and Vachaspati Shukla in 'India in the Global Economy: Industry and External Sector', Book well publisher, New Delhi. (Forth Coming)
- b) Current account of Balance of payment in India: Emerging dimensions, Edited by Krishna Reddy chettedi in Economics and Social Dimensions of liberalization, Bookwell publisher, New Delhi. (Forth Coming)

14. Research Highlights of Faculty/Scholars:

Minor Research Project

- Dr Manju K Menon, Department of mathematics completed UGC- minor research project titled "Study on some problems on Interconnection Networks" .
- Dr.Asha E Thomas was sanctioned Minor Research Project of UGC , titled 'Role of Micro Finance Enterprises in empowering women of Kerala State'

15. Academic Achievements:

Sajeena M A and Mary Rincy D'cunha M.com have qualified for NET exam conducted on June 2012

16. Student Achievements- Academic:

Rafiya Beevi M.A. achieved 9th rank in M.Sc Mathematics Examination.

17. Students Activities/Achievements-(Extra Curricular)

Dept. of Maths: Students of this dept. actively participated in their Maths club activity 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 Corps

The NCC unit of St. Paul's College, Kalamassery is attached to the 22 Kerala Battalion of NCC, Aluva, with cadet strength of 63 JCOs of the 22 (K) battalion. Following this 40 regular parades focused on Drilling, Weapon training etc were arranged in the college campus to motivate youth to Defense sector and National integrity. The Independence day was celebrated in the campus with much gaiety. Principal Dr. Edwin Xavier hoisted the National Flag during a ceremonial parade and The Manager Rev Fr cadets on the roll. The activities of the NCC for the academic year 2012-'13 was inaugurated with a recruiting parade in July. The newly selected 39 cadets from the first year degree classes were inducted into training by the training. Felix Chacalakkal gave away his message for the day. Two 10 days residential camps were conducted; one at SNM College, Maliankara and another at Sree Shankara College, Kalady during this year. All our cadets attended the same.

Two of our cadets, Mr. Nidhin Davis and Mr. Freddy Shaji attended the Army Attachment camp held at Army Quarters, Pankode, Trivandrum. Subsequently, our cadet Ms. Anee Sha attended the National Integration Camp held at New Delhi. Two of our cadets Kiran KK and Anzil attended National Trekking Camp held at Malayatoor, Kerala. 15 cadets donated blood at different occasions.

17 cadets passed the B-certificate examination and when 13 cadets passed in the C-certificate examination.

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:

The NSS activities of the year 2102-2013 started with a gathering of the senior volunteers on the opening day and the year plan was discussed. This was followed by the weekly meeting and discussion of the inauguration session. The formal inauguration of the year's activities coincided with environment day and several activities were included as part of the day's celebrations. A poster designing competition was held and planting of saplings was undertaken with full gusto. As part of World Elder Abuse Awareness Day a debate was organized on the topic 'Old is Gold'. A one day camp was held and different sections of crops ranging from rice to tapioca were planted in the campus. St.Paul's day was celebrated with vigour and cultural competitions were held in this connection.

The month of July witnessed the Orientation program for the new volunteers by Mr. Varghese Paul. Independence Day was observed with great patriotism and films were screened to remember the leaders of a bygone era. Blood group determination camp followed by a class on diseases transmitted through the blood was also organized. Teacher's Day was celebrated and students visited each class and offered a token of their appreciation to the teachers.

A One Day camp was held and NSS Day was celebrated during which a talk on objectives of NSS was given. An awareness programme on food poisoning & hygienic cooking was also conducted for the benefit of the students. Gandhi Jayanthi week started with self – reliance as a motto and a campus cleaning drive was initiated as part of this venture.

The volunteers were part of hectic social activities in the seven day camp conducted from 26/12/2012 to 1/1/2013. Nearly hundred volunteers offered their selfless service to the people of Sreemoolanagaram Grama Panchayat and Akavoor High School was the venue of the camp. Visits to primary health centre, an awareness class on cancer by oncology specialist, creating a blood donors

directory, etc were some of the activities taken up by the campers. A meeting with the chief minister, Shri Oomen Chandy was also a stroke of good fortune for our students as they were ventured to submit a mass petition requesting serious punishment for the accused in the Delhi-rape case.

At present the volunteers are being prepared for the launching of the ASAP to be held in the month of Jan-Feb. Development of community skills is the prime focus through the programmes launched in the campus. We have also attended the voter's day seminar.

(c) Sports:

Ernakulam District Representations

Basil Thampy of II B.A.Economics, Ernakulam District U-19 team

Mujeeb Rehaman II B.Com, Ernakulam District Fencing Team

Sanjeev R.Rao II B.com, Ernakulam District Fencing Team

Arun v.s I B.A.Economics , Ernakulam Distric Junior Volleyball Team

State Representations

Basil Thampi, II B.A.Economics - Cricket

Mujeeb Rehaman, II B.Com - Archery

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. List of Research Guides in your college: Dr. V.J. Peter, dept. of Physics

petervadassery@yahoo.com

ST. THOMAS COLLEGE OF NURSING

1. Name of the College (with e-mail and website) : ST. THOMAS COLLEGE OF NURSING

stthomasnursing@yahoo.in

2. Name of the Principal : Mrs. ASWATHI K. V.

3. Staff Profile

Staff Profile	Men	Women	Schedule Caste	Scheduled Tribe	Total
Teaching	3	20	-	-	23
Non Teaching	5	6	-	-	11

4. Student Intake

Intake, those appeared in the Examination and passed M- Men, W- Women																			
Under Graduate	Appeared 2011		Passed 2012		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
2 nd year	-	49	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 rd year	1	35	1	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 th year	4	37	4	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

5. Library

a. Total number of Books : 3936

- b. Total number of Journals : 19
- c. Total number of Periodicals : 12
- d. Number of titles added during the year : 320

6. Seminars attended by Faculty (Name wise – with details)

- a. State level :

Mrs. Aswathi K. V. & Mrs. Sherly Sebastian attended a 2 day state level conference on application

of nursing theories in Nursing practice and Research conducted by TMM College of Nursing

Mrs. Smitha Sunny & Mrs. Rose Michael attended a 2 day state conference on Disinfection and

Sterilisation in health care setting organized by TNAI Kerala State Branch, Parumala.

- b. National Level :

Mr. Philip John attended a National level workshop on innovative management techniques conducted by Padmasree College of Nursing, Bangalore

Mrs. Rose Michael attended the TNAI National conference at Bhopal

7. Students Activities / Achievements – (Extra Curricular)

a. Sports & games

- 7.03.12 & 8.03.12 - SNA Unit Level games Completions were held
- 24.03.12 SNA - Unit Level Sports Completions were held at AKM School Ground
- 18.05.12 - SNA Zonal level indoor games competition was held at Rotary club, Changanacherry which was conducted by St. Thomas College of Nursing, Chethipuzha. Following competitions were held chess, caroms, badminton. The programme was inaugurated by Mrs. Urmila, SNA zonal Advisor and Mrs. Aswathi K. V, Principal St.Thomas College of Nursing has given the welcome note.
- 21.05.12 - SNA zonal level cultural competition was conducted by St. Thomas college of nursing, Kattanam..

- 26.5.12 - SNA zonal level sports competition was conducted by Archana College of Nursing, Pandalam. From our college participants were there for all the events.
- 24.07.12 - SNA Zonal competition at Kattanam – 3rd prize for solo song by Suthi E. T. and 1st prize for Group song
- 27.7.12 - SNA Zonal competition – 1st prize bagged by Sherine S. Joseph for Eassy & Story writing. Anju Antony 2nd Prize (Malayalam recitation) and Shilpa K. Tom 1st prize for floral decoration.
- 6.12.12 & 7.12.12 - 49th State level annual conference of SNA at YMCA hall Kollam. 1st prize bagged by by Sherine S. Joseph for Eassy & Story writing and Shilpa K. Tom bagged 1st prize for floral decoration.

ST.MARY’S COLLEGE OF COMMERCE & MANAGEMENT
STUDIES,THURUTHIPLY

1.Name of the College (With e-mail and website) : St. Mary’s College of Commerce and Management Studies, T^huruthiPLY

e-mail ID : St.maryscms@gmail.com

website : www.smcthuruthiPLY

2.Name of the Principal : Prof GEORGE V.K.

3.Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total
Teaching	4	23	1	Nil	28
Non	1	4	Nil	Nil	3

Teaching					
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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 Com (CA)	108	55	M Com(E - commerce)	---	3	-----			-----		
B.Com (FIN,. &Tax.)	50	31	MCom (Finance)	6	5						
B.B.A	35	32	-----			-----			-----		
B A Eng. (Lang &Lit)	2	7									

5. Student Intake

	Under Graduate	
	M	W
B Com (CA)	108	55
B Com (Fin.&Tax.)	50	31
B.B.A	35	32

B.Com. (C.A) 2009 Admn	38	23	36	23	N/A					N/A					N/A			
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6. Library

- (a) Total no. of books : 1811
- (b) Total no. of journals : 3
- (c) Total no. of periodicals : 3
- (d) No. of titles added during this year : 510

7. Students Activities /Achievements – (Extra curricular):

Majority of the students are very active in Sports, Games and Literary & Cultural activities. All possible facilities and opportunities are provided. Many college level seminars and competitions are conducted under the aegis of the Literary & Debating Forum. Winners are given Trophies and Merit Certificates.

ST.THOMAS COLLEGE, PALA

- 1. Name of the College :** ST.THOMAS COLLEGE, PALA
(with e-mail and website) ARUNAPURAM P.O.
KOTTAYAM DIST., KERALA
PIN 686574, Phone: 04822-212317(O)
Website: www.stcp.ac.in
e-mail: principal.stc@gmail.com
- 2. Name of the Principal :** Dr. K.K.Jose (Kanichukattu)

3. Staff Profile

	Men	Women	Scheduled Caste	Scheduled Tribe	Total

Teaching	99	3	1	-	103
Non-Teaching	49	3	-	-	49

4. Courses Offered with Number of Seats

Subjects	No.of seats			No.of seats		M.Phil	No.of seats		Ph.D	No.of seats	
	U.G.			P.G							
	M	F		M	F		M	F		M	F
Mathematics	40			15							
Statistics	-			15							
Physic	48			18							
Chemistry	48			20							
Botany	48			12							
Zoology	48			-							
Economics	60			25							
Politics	60			25							
Voc. History	24			-							
English	40			25							
Malayalam	60			15							
Hindi	-			25							
Commerce	50			15							
B.A. Comm. English (Self-financing)	30			-							
Biotechnology	-			20							

(Self-financing)											
Microbiology (Self-financing)	-			20							
Bio-statistics (Self-financing)	-			20							

5. Student Intake, those Appeared in the Examination and Passed.

U.G	Total appeared	Total Passed	
B.A .Economics	55	53	Men only
B.A .Politics	47	47	do
B.A .English	35	35	do
B.A. Malayalam	22	22	do
B.A. Voc. History	18	18	do
B.A. Comm. English	28	28	(Including Men & Women)
B. Sc Mathematics	22	21	Men
B.Sc. Physics	35	35	do
B. Sc .Chemistry	39	35	do
B. Sc .Botany	26	23	do
B .Sc .Zoology	18	15	do
B.Com	59	59	do
P.G.			

M.A .Economics	22	22	(Including Men & Women)
M.A .Politics	22	17	do
M.A. English	23	23	do
M.A. Hindi	12	10	do
M.A .Malayalam	13	13	do
M.Sc. Mathematics	10	10	do
M .Sc .Statistics	13	13	do
M. Sc .Physics	17	15	do
M. Sc. Chemistry	19	18	do
M .Sc .Botany	12	12	do
M.Sc. Bio- Statistics	7	7	do
M .Sc .BioTechnology	3	3	do
M .Sc. Appl. Microbiology	14		do
M.Com	15	13	do

6. Library

- (a)Total Number of Books : 80,460 Nos.
- (b)Total Number of Journals : 57 Nos.
- (c)Total Number of Periodicals : 142 Nos.
- (d) Number of titles added during the year : 2865 Nos.

7. Grants Received from

- (a) State Government : Rs. 3,07,500.00

(b) Central Government : Rs.20,27,745.00

(c) University Grant Commission : Rs.1,49,00,147.00

(d) Others Specify :

8. Projects Undertaken:

(a) Major Projects

Sl.No.	Name of Principal Investigator	Department	Funding Agency	Amount Rs.	Period
1	Dr. K.V. Thomas	Commerce	UGC	2,67,600	2009-2012
2	Dr.Dennis Thomas	Botany	Do	1,88,000	2009-2012
3	Dr.K.K.Jose	Statistics	do	9,95,250	2012-2015

(b) Minor Projects

Sl. No.	Name of Principal Investigator	Department	Funding Agency	Amount Rs.	Period
1	Fr.N.V.Joseph	Syriac	UGC	45,000	2011-2012
2	Dr. Raj Mathew	Mathematics	Do	1,87,000	do
3	Dr.Johns Augustine	Botany	Do	80,500	do
4	Dr.Sunil C. Mathew	Mathematics	Do	1,30,000	do
5	Dr.Sunny Mathew	Physics	Do	70,000	do
6	Dr.Ison V.Vanchipurackal	Physics	Do	67,000	do
7	Prof. Bince Mani	Botany	Do	87,500	do
8	Dr.Toji Thomas	Do	Do	16,000	do
9	Dr.Davis Xavier	Malayalam	Do	65,000	do

10	Dr.Simon Augustine	Physics	Do	16,000	do
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9. Seminars /Conferences/Workshop Conducted:

(a) State Level:

Period	Description
27-1-2012	All Kerala NCC Quiz
21-1-2012	All Kerala Statistics Quiz
21-1-2012	Prof. K. Ramakrishna Pillai Statistics Problem Solving Contest.
10-2-2012	Women Empowerment Programme
17, 18 Feb.2012	NSS Secretaries Camp at M.G. University Level
27-2-2012	Science Day Celebration & Competitions
7 - 8, March 2012	Women's Day Celebration
21-2-2012	Seminar and <i>Budget</i> Discussion on Kerala Budget
23-4-2012	Kottukappally Memorial Talk on Union Budget 2012-13
21 July 2012	One day Orientation for Civil Service Examination

(b) National Seminar

2-3, Feb. 2012	Chemistry National Workshop sponsored by Indian Academy of Sciences.
28 – 30 March 2012	UGC Sponsored National Seminar on Levinas and M.G. Gandhi in the context of Post Modernism organized by the Dept.of English.
29 – 30 March 2012	National Seminar on Microbiology & Biotechnology Sponsored by KSCSTE
22-23 March 2012	National Workshop on Human Rights & Violation of Domestic Rights.
5-6-2012	National Workshop on Effective Classroom interaction and Teaching.
6-9- 2012	Interaction with Dr. A.P.J. Abdul Kalam and Human Resource Empowerment Programme.

10-12- April 2012	Workshop on R Programming
12-13 December 2012	National Work on Number Theory and Mathematics Quiz.
(c) International Conference	
10-14 June 2012	International Conference on Materials Sciences & Technology (ICMST 2012) organized by the Dept.of Physics. More than 800 including 47 foreign delegates have participated.
16-18 August 2012	International Conference on Epidemiology and Biostatistics (ICE 2012) organized by the Dept.of Statistics & Biostatistics.More than 200 including 14 foreign delegates participated.

10. Seminar Attended by Faculty

State Level : 38

National Level : 16

International Level : 12

11. Publications by the Faculty with Impact factor of the Publications (A short description)

1. K.K.Jose and Jane A. Luke (2012) Confidence Intervals for Process Capability Indices for balanced one-way ANOVA model, Communications in Statistics-Computation and Simulation, 41, 10, 1805-1815.
2. K.K.Jose and K.D.Mariyamma (2012) Integer valued autoregressive processes with generalized discrete Mittag-Leffler marginals, Statistica, anno LXXII, n.2,195-209
3. K.K.Jose and Manu Mariam Thomas (2012) A Product Autoregressive Model with Log-Laplace Marginal Distribution, Statistica, anno LXXII, n.3, 312-327.
4. K.K.Jose and K.D.Mariyamma (2012) Discrete Stable-Linnik Distribution and Processes, J. Statistical Applications, 6,22-37.
5. K.K.Jose and K.D.Mariyamma (2012) Geometric Compounding of Discrete semi-Mittag-Leffler Distributions and Processes, Vistas,1,71-80.
6. K.K.Jose and K.D.Mariyamma (2012) On Discrete Laplace Distribution, Shannon Entropy and Integer-Valued Autoregressive Processes, Cyber Security,46-56.
7. K.K.Jose and Bindu Abraham (2012) Queueing Models for ATM Network Subjected to the Effects of Viruses, Cyber Security,21-39.

8. K.K.Jose, E.Krishna and M.I.Ristic (2013)Applications of Marshall-Olkin Frechet Distributions, *Communications in Stat.- Computation and Simulation*,42,76-89.
9. K.K.Jose and Bindu Abraham (2013) A Counting Process with Gumbel Inter-arrival Times for Modeling Climate Data, *Journal of Environmental Stat.*, 4,1.
10. K.K.Jose, M.I.Ristic, T. Alice and E. Krishna (2013) Marshall-Olkin Frechet Distributions, *Communications in Statistics-Theory and Methods*, in press
11. Bindu Punathumparambath, Sebastian George and Kannan V.M. (2011). Statistical Techniques for Microarray Technology. *Journal of Informatics and Mathematical Sciences* 3(3), pp. 257-275.
12. Bindu Punathumparambath (2011). A new family of skewed slash distributions generated by the normal kernal, *STATISTICA*, anno LXXI, n. 3 , 2011
13. K.K. Jose, Ancy Joseph, Miroslav Ristic (2011). Bivariate Marshall-Olkin Weibull Minification Processes, *Statistical Papers*,52,789-798.
14. K.K.Jose, Bindu Abraham (2011). Analysis of DAR(1)/D/s Queue with Quasi-Negative Binomial-II as Marginal Distribution, *Applied Mathematics*, 2011, 2, 1159-1169.
15. K.K.Jose, Manu Mariam Thomas(2011)Generalized Laplacian Distributions and Autoregressive Processes, *Communications in Statistics-Theory and Methods*,40,23,4263-4277.
16. K.K.Jose and E.Krishna (2011)Applications of Marshall-Olkin Frechet Distributions, *Communications in Statistics- Computation and Simulation*
17. (K.K.Jose and E. Krishna (2011)Marshall-Olkin Assymmetric Laplace Distribution and Processes, *STATISTICA*, anno LXXI,n.4,453-467.
18. K.K.Jose and Bindu Abraham (2011) Count Models with Mittag-Leffler Waiting Times, *Statistica*, anno LXXI,n.4,501-514.
19. K.K. Jose and Lishamol Tomy (2011). Geometric Normal Laplace distributions and processes, *Journal of Applied Statistical Sciences*,18,3,
20. K.K.Jose and Jane A.Luke (2011). Confidence Intervals for Process Capability Indices for the unbalanced one-way random effect ANOVA model; *Quality Reliability Engineering International*, doi:10.1002/qre.1247
21. K.K. Jose and Lishamol Tomy (2011). An AR(1) Time Series Model with skew-Laplace III Marginals, *Journal of Statistical Theory and Applications*,9,3,417-426.
22. K.K. Jose and Rani Sebastian (2011). Marshall-Olkin Gumbel distributions and applications in reliability modeling and stress-strength analysis, *J. Statistical Applications*,5,32-49.
23. Dais George and Sebastian George (2011). Applications of Esscher Transformed Laplace Distribution in Web Server Data, *Journal of Digital Information Management* 9(1), 19-26.
24. Dais George and Sebastian George (2011). Marshall-Olkin Esscher Transformed Laplace Distributions and Its Applications, *Brazilian Journal of Probability and Statistics* (accepted).

25. Dais George, Pit Pichappen and Sebastian George (2011). Application of Generalized Confidence Interval in the Study of Web Server Performance. *International Journal of Web Application*. 3(2), 138-151.
26. Dais George and Sebastian George (2011). Esscher Transformed Laplace Distribution and Its Applications. *Journal of Probability and Statistical Science* (accepted).
27. Bindu P., Sebastian G. and Sangita Kulathinal (2011). Asymmetric type II compound Laplace Distribution and its Application to Microarray Gene Expression, *Computational Statistics and Data Analysis* (accepted).
28. Bindu Punathumparambath (2011). The multivariate skew-slash t and skew-slash Cauchy distributions. *Model Assisted Statistics and Applications*, 6, 1–8. (DOI 10.3233/MAS-2011-0199, IOS Press).
29. K.K.Jose and Bindu Abraham (2011) The Analysis of Discrete Time Queueing System with Discrete Autoregressive Arrivals, *Research & Reviews: A Journal of Statistics* 1, 1, 34-65.
30. K.K.Jose and E.Krishna (2011) Marshall-Olkin Extended Uniform Distribution, *Probatat Forum e-Journal*,4,78-88.
31. K.K.Jose (2011) Science, Mathematics and Interdisciplinary Research, *Science and Society Journal*,10,12-22.
32. K.K.Jose and Jane A. Luke (2011). Comparing two Process Capability Indices under balanced one-way random effect model; *Quality Reliability Engineering International*, doi:10.1002/qre.1297.
33. Shaijin Stephen, Renu David (2011). Pareubal Atopy and Exposure to Pets on Asthma: A Hospital Basel Case- Control study, *International Journal of Preventive Medicine* 1 2(3), 151-157.
34. Seemon Thomas, A.M.Mathai and H.J.Haubold (2012). An entropic pathway to multivariate Gaussian density, *Mathematica Aeterna* 2(1), 51-61.
35. Alex Thannippara, O.C. Joseph, D.K.Ghosh and S.C.Bagui (2012). E-optimal semi-regular graph design and partially efficiency balanced designs, *Journal of Statistical Theory and Applications* 11 (1), 47-61.
36. K.K.Jose and K.D.Mariyamma (2012), Integer valued Autoregressive Processes with Generalized Discrete Mittag-Leffler marginals, *Statistica, anno LXXII, n. 2*
37. K.K.Jose and Jane Luke (2012) Confidence Intervals for Process Capability Indices for balanced one-way ANOVA model, *Communications in Statistics-Computation and Simulation*, 41,9,1-11
38. Anju Babu, C Bhagyaraj, Gishamol Mathew and Vincent Mathew-“Dispersion of plasmon polaritons guided by a metal film of finite width deposited on uniaxial substrate”- *Journal of Physics D: Applied Physics* 44 (2011) 335301

39. Jesly Jacob, Ajith R and Vincent Mathew “Surface plasmon near-field resonance characteristics of silver shell nanocylinders arranged in triangular geometry” -Applied Optics /Vol. 50, No. 33 / 20 (2011) 6278
40. Jolly Andrews and Vincent Mathew “Magnetic field induced properties of type II superconducting microstrip resonators”- Superconductor Science and Technology 25 (2012) 025004
41. Gishamol Mathew and Vincent Mathew “Tunable surface plasmon polaritons in metal-strip waveguides with magnetized semiconductor substrates in Voigt configuration” -Semicond. Sci. Technol. 27 (2012) 055010
42. Gishamol Mathew, Bhagyaraj C, Anju Babu, and Vincent Mathew “Effect of Gyrotropic Substrates on the Surface Plasmon Polaritons Guided by Metal Films of Finite Width”- Journal of Lightwave Technology, Vol. 30, No. 2, (2012)
43. Deepu Thomas, Sunil C Vattapalam, Sunny Mathew and Simon Augustine “ Effect of Oriented grain growth in ZnO thin film by annealing and doping” National Seminar on Emerging Trends in optoelectronics and solar energy nanomaterial, PRNSS College Mattanur Sep 23-24, 2011
44. Antony Simon and SVM Satyanarayana “Steady state dynamics of a moving model cell”- J.Phys:condens.Matter 24 065104(2012)
45. Santhosh Kumar R., S. Chandralingam, Sijosh George, Sreekanth G.,Michael Augustine, and Ginson P. Joseph , The influence of Cd²⁺ and Mg²⁺on the electrical and thermal properties of manganese mercury thiocyanate crystals and its Lewis base adducts-future materialsfor photonics device fabrication P hys. Status Solidi C 8, No. 9, 2735–2738 (2011)
46. Sreekanth G, S.Chandralingam, Jacob Philip, Jayalashmi, Regi Philip, Kishore Sreedaran, Santhosh Kumar, Ginson P.Joseph (2012) Investigations on the electrical, thermal and optical properties of the nonlinear optical Allyl Thiourea Mercurychloride single crystals: *Materials Research Bulletin (Accepted)*
47. Ginson P.Joseph, Santhosh Kumar R, Sijosh George, Sreekanth G. (2011) Influence of Cd²⁺ and Mg²⁺ on the electrical and thermal properties of manganese mercury thiocyanate crystal and its lewis base adducts-Future materials for photonics device fabrications: *Phys. Status Solidi C* 8, 9, 2735–2738
48. Sreekanth G, Michael Augustine, Santhosh kumar, S. Chandralingam, Binay Kumar, Ginson P.Joseph (2011), Studies on the Electrical Properties of Non-linear OpticalAl lyl Thiourea Cadmium Chloride (ATCB), *AIP Conf. Proc.* 1349, 1055-1056 doi: 10.1063/1.3606225
49. Santhosh Kumar R , Ignatius Korah, S. Chandralingam,Binay kumar, Sijosh George , Ginson P.Joseph, (2011), Piezoeletric and Mechanical properties of Non-linear Optical Manganese Mercury thiocyanate (MMTC) *AIP Conf. Proc.* 1349, 1289-1290; doi: 10.1063/1.3606339

50. Antiprotozoal activity of 2, 3-dihydroxybenzoic acid isolated from the fruit extracts of *Flacourtia inermis* Roxb, Shibu George, Benny P.J., Sunny Kuriakose, Cincy George Sarala Gopalakrishnan, Medicinal Plants - International Journal of Phytomedicines and Related Industries, 3, 3, 237 (2011).
51. Analysis of Trace Metals and their Salts in the River Water of Mennachil River, Kerala, Aneyamma Varughese and Sunny Kuriakose, Pollution Research, 2011, (Accepted, in Press)
52. Synthesis and Characterization of Polyethyleneglycol Encapped Silver Nanoparticles and their Antifungal Activity, Cincy George, Sunny Kuriakose, Sheena Varghese and Tessymol Mathew, Sci.Soc., 9(2), 197 (2011).
53. Antifungal Activity of Silver Nanoparticle Encapsulated β - Cyclodextrin Against Human Opportunistic Pathogens, Cincy George, Sunny Kuriakose, Shibumon George and Tessymol Mathew, *Supramolecular Chemistry, i First Article, 1-6*, (2011).
54. Antibiotic Activity of 2,3-Dihydroxybenzoic Acid Isolated from *Flacourtia inermis* Fruit Against Multidrug Resistant Bacteria, Shibumon George, Benny PJ, Sunny Kuriakose, Cincy George, Asian Journal of Pharmaceutical and Clinical Research, 4,1,126 (2011).
55. M. Ratheesh, G.L. Shyni, G. Sindhu and A. Helen. Inhibitory effect of *Ruta graveolens* L. on oxidative damage, inflammation and aortic pathology in hypercholesteromic rats. *Exp Toxicol Pathol.* 2011, 63(3):285-90.
56. Smitha Mohanlal, Rathnam Parvathy, Vasantha Shalini, Ratheesh Mohanan. Antony Helen and Ananthasankaran Jayalekshmy. Chemical indices, antioxidant activity and anti-inflammatory effect of extracts of the medicinal Rice 'Njavara' and staple varieties-a comparative study. *Journal of food Biochemistry.* 2012
57. Sindhu G, Ratheesh M, Shyni GL, Nambisan B, Helen A. Anti-inflammatory and antioxidative effects of mucilage of *Trigonella foenum graecum* (Fenugreek) on adjuvant induced arthritic rats. *Int J. Immunopharmacol.* 2012
58. Ratheesh M Sindhu G, Helen A. anti-inflammatory effects of isolated quinolin alkaloid from *Ruta graveolens* L. (under minor revision in -Inflammation Research)
59. Jethinalkosh. J. P and Lathika. V (2012). Screening of Phytochemical Constituents and Antimicrobial Activity of Traditional Medicinal Plants. *Int. J. Res. Pharm. Sci.*, 3(3), 461 - 465
60. J. P. Jethinalkosh and V. Lathika (2012). In vitro Antioxidant Activity and Total Phenolic Content of Traditional Medicinal Plants. *Journal of Pharmacy Research* 5(6), 3236 – 3238
61. Hoshino Y, Miyashita T, Thomas TD. 2011. In vitro culture of endosperm and its application in plant breeding: approaches to polyploidy breeding. *Scientia Horticulturae* 130:1-8 (Elsevier)

62. Thomas TD, Hoshino Y. 2011. Efficient in vitro plant regeneration from embryo derived callus of *Brachypodium distachyon*; a model grass for functional genomics. Plant Biosystems 145:1-7 (Taylor&Francis)
63. Jomy Augustine, 2011. Nature India, KCBC- Youth Commission, Ernakulam.
64. Cheruvathur M.K, Britto J, Thomas TD. 2011. Pulvinus- an ideal explant for plant regeneration in *Caesalpinia bonduc* (L.) Roxb., an ethnomedicinal woody climber. (Acta Physiologiae Plantarum -Springer – In Press).
65. Cheruvathur M.K, Thomas TD. 2011. Callus induction and high frequency plant regeneration in *Pseudarthria viscida* (L.) Wright and Arn., a rare ethnomedicinal herb. Physiology and Molecular Biology of Plants 17:395-401 (Springer).
66. Toji Thomas. Preliminary antibacterial evaluation of fronds of *Pteris quadriaurita* Retz. towards bacteria involved in dermatological diseases (2011) *J App Pharm Sci* 1(8) 214-216.
67. Toji Thomas. Antibacterial evaluation of *Angiopteris evecta* (G. Forst.) Hoffm. towards bacteria involved in cutis diseases (2011) *Int J Uni Pharma Life Sci* 1(3) 1-7.
68. Toji Thomas. Preliminary antibacterial and phytochemical evaluation of *Dryopteris cochleata* (D.Don) C.Chr. (2011) *J Global Pharma Tech* 3(6) 4-8
69. Toji Thomas. Preliminary Antibacterial and Phytochemical Evaluation of *Odontosoria chinensis* (L.) J.SM. (2011). *J Pharm Herb Formul* 1(5) 26-30
70. Toji Thomas. Preliminary antibacterial evaluation of *Lindsaea ensifolia* Sw. against bacteria involved in skin diseases (2011). *Med Plants* 3(1) 77-79
71. Toji Thomas. Preliminary Antibacterial and Phytochemical Assessment of *Osmunda regalis* L. (2011). *Int J Pharm Biol Arch* 2(1) 559-562.
72. TQM and Internal Quality Assurance – Dr. V. V. Georgekutty-Baselius Researcher, Baselius College, Kottayam Vol 11, No. 2, June 2011, pp. 01-10
73. Udath Premka Uthama Namona: Kach – Dr. P. D. George – Sodh Kshitij-Hindi Vibhag, St. Thomas College, Pala, July, 2011
74. Seshayatra me Adhuni Nari- Preethi R. - Sodh Kshitij-Hindi Vibhag, St. Thomas College, Pala, July, 2011
75. Deva Ki Mam: Sankraman Kaleen Bharatiya Nari – Dr. V. V. Georgekutty - Sodh Kshitij-Hindi Vibhag, St. Thomas College, Pala, July, 2011
76. Kabeer Sahitya me Hatayog – Sandhya B.- Sodh Kshitij-Hindi Vibhag, St. Thomas College, Pala, July, 2011
77. Dalit Chetanai Babool me – Dr. Rajimol C. R. - Sodh Kshitij-Hindi Vibhag, St. Thomas College, Pala, July, 2011
78. Rajendrayadav ke Upanyago me Sangi Roodhyonka Prabhab - Sodh Kshitij-Hindi Vibhag, St. Thomas College, Pala, July, 2011

79. Dalit Empowerment and Hindi Novels – Dr. V. V. Georgekutty-Baselius Researcher, Baselius College, Kottayam Vol 12, No. 1, January 2012, pp. 28-37

12. Research Highlights of Faculty/Scholars (A short description) :

Ph.D Awarded during 2012.

1) Dr. Dias George – Statistics 2) Dr. Krishna E – Statistics, 3) George James T. – Physics,4) Thomas V. Mathew – Chemistry, 5) Ambily Chandran – Chemistry, 6) Cincy George- Chemistry, 7) Chandralekha P. – Hindi, 8) Sobhitha Sebastian – Hindi, 9) Anish Cyriac – Hindi, 10) Remani Ammal A. – Hindi , 11) Mariat A.Therattil – Hindi , 12) Neerada Maria Kurian – Hindi,13) Rev.Dr. Tomy Joseph – Politics, 14) Biju K.C. – Economics.

13. Academic achievements (A short description) : 23 University ranks

Sl.No.	Course	Name	Rank/Grade
1	B.A.Engl.Lit. & Communication Studies	Romy Thomas	All A ⁺
2	Do	Anna Simi Sebastian	All A ⁺
3	B.Sc. Physics	Emmanuel Tom	All A ⁺
5	M.Sc. Mathematics	Akhila Vijayan	Rank IV
6	Do	Neethumol Mathew	Rank VI
7	M.Sc. Statistics	Anupriya R.	Rank III
8	Do	Amitha M.	Rank IV
9	Do	Viswakala K.V	Rank VI
10	M.Sc. Bio-Statistics	Ganesh L.	Rank I
11	M.Sc. Chemistry	Rakesh .R	Rank II
12	M.A.English	Ajomy Maria Joseph	Rank I
13	Do	Sreenath V.S	Rank VI
14	M.A. Hindi	Aswathy V. Nair	Rank II
15	M.A. Politics	Muhammed Mufthi Mubark M.P	Rank I

16	Do	Devi K.S.	Rank II
17	Do	Renjith V.T	Rank III
18	Do	Jincy Thomas	Rank IV
19	Do	Aswathy A.S	Rank V
20	M.A. Malayalam	Theres Sebastian	Rank II
21	Do	Abhilash Dominic	Rank IV
22	M.A. Economics	Liz Emmanuel	Rank I
23	Do	Dhanyamol T.	Rank V

14. Students Achievements – Academic (A short description) :

The following 45 students qualified in the UGC/CSIR NET/JRF/ GATE examinations.

English

1. Anu Francis - JRF
2. Gibin Raja George – NET
3. Neenumol Sebastian – NET
4. Meera James – NET
5. Ani Mathew – NET
6. Chindu Rose Mathew – NET
7. Richu Mathew – NET
8. Ajomy Maria Joseph – NET
9. Anu Jose – NET
10. Theresa John – NET

Malayalam

1. Siju Joseph – NET

2. Bincemon Kuruvilla – NET

3. Parvathy S. – NET

Hindi

1. Bindu P.V - NET

Economics

1. Thara Thomas – JRF
2. Anumol Sebastian – JRF
3. Aswathy M.V – NET
4. Jinu Joseph – NET
5. Diya Philip – NET
6. Shalby Joseph – NET
7. Krishnaprbha C.B. – NET
8. Anishkumar P.T – NET
9. Cyril George – NET
10. Dawn Joseph – NET
11. Jomis Joseph – NET
12. Lane Joy – NET

Politics

1. Renjith V.T - NET
2. Arun V.M. – NET

Mathematics

1. Jilumole M.M – NET

Physics

1. Sr. Anju K. Augustine – GATE
2. Bibin K.K. – GATE
3. Anvy Molly Tom – UGC-CSIR, JRF & GATE

Chemistry

1. Amal Jose Baby – JRF
2. Manjumol Mathew – JRF

3. Rakesh R – CSIR-JRF
4. Remya P.R – NET
5. Anu Abraham – JRF
6. Remya Vijayan – JRF
7. Cincy George – NET
8. Vidya Jose – NET
9. Mariya Jacob – NET

Botany

1. Tinu Thomas – NET
2. Arunkumar C – NET

M.Com.

1. Neethu Jose – NET
2. Anitha Thomas – NET

15. Students Activities/Achievements – (Extra Curricular) :

National Cadet Crops:

Naval Wing – Major Activities

Sub Unit Commander : Lieut (Dr.) P.D.George

Cadet Captain : Joseph John

P.O. Cadets : 1. Jikku Joseph
2. Nikhil P. Tomy
3. Nithin Abraham
4. James Siby

Entrolled Strength : 50

Parade conducted : 20

Army Wing - Major Activities

Enrolled Strength: 160 SD Cadets

Total Parades during the Academic year: 20

Cadets' participation in Camps

SUO Arun M and Christymon George has participated in Republic Day Parade 2012 in New Delhi

SUO Arun M participated in All India Guard of Honour 2012 in New Delhi

43 Cadets attended in the CATC held at SMHS Elamgulam during 10/05/2012– 19/5/2012

7 Cadets participated in the TSC IBC at Government College Nattakam during 10/05/2012-19/05/2012

5 cadets attended CATC held at St.Marys Residential School Thiruvalla during 19/5/12/-28/5/12

2 Cadets participated in the Army Attachment Camp III COC held at Military Station Pangode during June 2012

42 Cadets participated in CATC/IBC of RDC at Dev Matha College,Kuravilangad during 24/8/12-2/9/12

46 cadets attended CAWATC held at St.Thomas College,Pala during 24/08/2012- 2/09/2012

UO Noby Joseph participated in the TSC Delhi during 01/09/2011-14/09/2011

40 cadets of this Unit attended CATC held at Kaippuzha (IBC) during 02-09-2011-11-09-2011

45 cadets participated in the CAWATC and Pre IGC held at St. Thomas College Pala during 30-09-2011-09-10-2011

7 Cadets participated in the IGC (RDC) held at Military Station Pangod during 2012 academic year

3 Cadets participated in the Pre RDC II held at the Mailam during 2012 academic year

3 Cadets participated in the Pre RDC III held at Military Station Pangod during 2012 academic year

3 Cadets participated in the IGC/TSC held at Grasim Mavoor during 31/7/12 -9/8/12

16.3 Cadets participated in the IGC/TSC held at Grasim Mavoor during 17-8-2012 to26-8-2012

17. 3 Cadets participated in PRE TCS I at Calicut from 31/8/12 to 9/9/12

18. 3 Cadets participated in PRE TCS II at Calicut from 10/9/12 to 14/9/12
19. 3 Cadets participated in PRE TCS III at Calicut from 15/9/12 to 24/9/12
20. UO Rajesh TG and two other cadets participated in TSC Delhi from 27/9/12-8/10/12
21. 2 cadets participated in BLC Vardha from 10/12/12 to 21-12-12.
22. Two cadets participated in All India Trekking Expedition at Malayattoor during 23/12/12 – 30/12/12
23. SUO Arun M has participated in NIC Kannur during 20/12/12 -31/12/12
24. 3 cadets are selected for RDC 2013.

(b) National Service Scheme:

Advisory Committee meeting was held in the beginning of the academic year to prepare the various activities for the year. Sri Sreekanth P Thankachen II B.Sc. Botany, Sri Abin Joseph II B.Com and Sri. Bony Jose II B.A. English were selected as Volunteer Secretaries for the year 2011-12. To motivate social responsibility of students NSS conducted work camps inside the campus on June 25th and August 20th. As a part of the community partnership programmes NSS unit collected money from various sources and distributed uniform to entire students of Kadanadu Govt. L P school and Ist and IInd standard students of Kadayam Govt L P School. As a part of spreading the importance of environment protection we conducted tree planting during Vana Mahothsav week. Smt Manikutty Santhosh SCC, Kadanadu Grama Panchayathu distributed saplings of fruit trees to entire students of Kadanadu Govt. L P school and our principal Dr. K K Jose planted trees in the school campus.

This year 169 students were enrolled as new volunteers. In order to introduce the aim, concepts, objectives etc of NSS we conducted orientation programmes for the new volunteers.

On the first day (July 22nd) Sri Arun A P NSS trainer led the classes and on the second orientation day Sri Tom Jose Kalappura led the classes and around 95 volunteers participated the programmes . This year also we conducted peace day on Horoshima Day (6th August) and Dr. Vincent Mathew from Central University of Kerala delivered the peace message. In order to develop competence for group living and sharing responsibilities we conducted a two day mini camp on 19-20 August. Sri Mani C Kappan President of Kizhathadiyoor Service Co Operative Bank inaugurated the camp. Sri Shino George HRD trainer and Sri Thomas T Ephrem NSS trainer led the soft skill development of the volunteers. All volunteers got chances to stage either single or group items on stage. Campers also participated in the campus cleaning programmes. About 172 students participated the programme. NSS volunteers celebrated different Days like Sadbhavana day (August 20th), NSS Day (September

29th) Water conservation Day (march 22nd) etc under the leadership of programme officers and volunteer secretaries.

Acquire leadership qualities and democratic values are one of the objectives of NSS This year's college union has good representation of NSS volunteers. NSS unit gave reception to newly elected union officials and Principal congratulated them and said this participation reflect the success of NSS unit. The elected members are Union Chairman Sri.George Pious, general Secretary Sri Adhithya Scaria, Magazine editor Sri Nandu and eight college union councilors.

Creative form is working under the leadership of NSS unit for nourishing the soft skills of volunteers. Miss Jimmi, cine artist inaugurated creative form on 1st December. This year creative form of NSS published a manuscript magazine to nourish the creativity of volunteers. NSS MG university programme co ordinator Dr. Prakash K released the magazine entitled 'Spandhanam 2012'. Blood donation is an important charity action of NSS volunteers. Another form under NSS is Blood Donation Forum. This year we conducted blood grouping of volunteer in collaboration with medical college Kottayam. On 21st January we conducted a blood donation camp with the help of Kottayam medical college. Dr Jino Jan from Kottayam MCH led the programme This year about 118 students donated blood at different hospital in kottayam district.

NSS is fighting against all public threats. AIDS is a major threat of 21st century. To create a general awareness against AIDS NSS unit conducted a rally from college to Pala private bus stand. Sri Kuriakose Padavan , Chairman Pala Municipality flagged off the rally. About 120 students participated in this rally. Understand the needs and issues of the society and take leadership to solve their problems is another objective of NSS. Mullaperiyar dam issue is a life threatening problem to 20 lakhs people in Kerala. To show the support of student's community and create a general awareness NSS unit conducted a rally of entire college community from college to Pala municipal stadium. College Principal flagged off the rally and Dr. C T Francis gave the message.

NSS volunteers celebrated festivals like Onam and Christmas in accordance with its objective like practice national integration and social harmony. This year we celebrated Onam at seven day camp. Students conducted various traditional competitions, prepared 'pookkalam", one volunteer dressed himself as Mahabali prepared traditional onam sadya. As apart of X'mas celebration volunteers prepared gigantic X'mas star in front of the main building.

In order develop sense of social and civic responsibility we conducted one day legal literacy programme. Hon'ble District and Session Judge Sri P S Nazeer Ahammed inaugurated the programme. Adv. Mathew Mathai Muthukadan, Adv. Ravikumar, public prosecutor and Adv. Minimol Cyriac Bar association president conducted class on various topics like criminal law, Family

Law and Civil law. This year 23 volunteers from our unit participated different inter collegiate camp held at different colleges of MGU.

NSS conduct seven day camp to practice its objectives like understand the community in which they work, understand themselves in relation to their community, identify the needs and problems of the community and involve them in problem-solving, utilise their knowledge in finding practical solutions to individual and community problems, develop competence required for group-living and sharing of responsibilities, gain skills in mobilising community participation etc The seven day camp began on 2nd September. Prof K K Abraham, President Pala Marketing Co-operative Society inaugurated the camp at Kristhujyothi school ,Kayyoor. The important task we have undertaken are - Reconstruction of Kayyoor- Ullanadu mud road, cleaning of KR School premises , tree planting at school premises, making Garbage pits, awareness building on cleanliness , campaigns against the use of plastic carry bags and drugs. Other activities during the camp period – cultural programmes of campers -all campers staged different items.

This year NSS unit conducted a three day inter-collegiate camp on ‘clean earth’. 106 students from 37 different colleges were participated in the programme. The camp includes different programmes like HRD training, seminars, discussions, cultural items etc. Dr. Rajan Varghese Pro Vice Chancellor of M G University inaugurated the camp on 17th February. The different seminar sessions of the camp were -Total health and indigenous medicinal plants by Mr Jose Puttettu, 1 Ice braking by Mr Benny Kurian HRD trainer, Group dynamics by Mr. Thomas T Epherem NSS trainer, Recent trends in society and NSS by Dr. Prkash K Programme co-ordinator, NSS MGU, Formula 5 personality development by Mr Samuel Chellayya, Youth Welfare Officer, House holds waste management technique by Smt Shaiby Kuruvilla Engineer AWC, Water resources in Kerala. - A general scenario by Dr. Syllas V P, MG University, Depletion of water sources- Environmental impacts by Prof Ramachandran Rtd Principal SVRNSSC Vazhoor Ref Fr Baby Thonikuzhy Member Syndicate was the chief guest of the valedictory function held on 19th February and Prof Anitha Sanker delivered the message.

(c) Arts Festivals :

The St. Thomas College Youth Festival provides an opportunity for the students to come to a common platform to display their cultural and artistic talents. The program also aims at promoting friendship and fellowship among the students together with recognizing and appreciating the rich and glorious cultural heritage of our Country. Competitions are arranged for about 55 events including short story writing, essay writing, poetry writing, elocution, quiz, film review, photography, cartooning, painting, collage, clay modeling, light music, classical music, group song, fancy dress, mime, mono-act, mimicry, photography, kavithaparayanam, poster designing, collage, poetry recitation, dance events, one act play, etc.

(d) Sports & Games:

M G University Overall Sports Merit Rank

During the academic year 2011-12, our college stood overall at Eighth position in the Intercollegiate Championship, with a point tally of 67 points. Alphonsa College Pala, Assumption College Changnacherry and U.C College Aluva took the first, second and third place respectively.

Performance at National Level

The performance of our college students at various National competitions are mentioned below:

Sl No.	Name	Class	Event	Competition	Position
1	Vipin Francis	I MA	Cross Country	All India Inter University (MDU Rothak)	Participation
2	Subin G S	I BA	Cross Country	All India Inter University	Participation
3	Vimal V Kumar	I MA	Cross Country	All India Inter University	Participation
4	Mnu Johnny	IBA	Cross Country	All India Inter University	Participation
5	Winy J. Dhas	IBA	Cross Country	All India Inter University	Participation
6	Nadirsha	III BSc	Volleyball	South Zone Inter University (Bhartiya Coimbatore)	Participation
7	Daniel Zacharias	II BA	Swimming	All India Inter University (Calcutta)	Participation
8	Vipin Francis	I MA	Athletics	All India Inter University (Mangalore University)	IV th (800m)

9	Alex Shaji	I BA	Athletics	All India Inter University	Iv (4x400)
10	Anoop Johnny	II BA	Athletics	(Mangalore University)	IV (Pole vault)
11	Vijith Vijayan	III B Sc	Athletics	All India Inter University	Iv (4x400)
12	Anish K G	II MA	Power Lifting	South India Power Lifting(Coimbatore) All India Inter University (Amritsar)	Participation
13	Robin Jose	II M Com	Power Lifting	South India Power Lifting(Coimbatore) All India Inter University (Amritsar)	Participation
14	Jitin Rajendran	I BA	Volleyball	Junior National (Culcutta)	fourth

Performance at State Level

The Performance of our college students at various State championships are mentioned below:

Sl No.	Name	Class	Event	Competition	Position
1	Anish	II MA	Power Lifting	State Championship (Kannur)	Gold(74kg)
2	Robin M	II M Com	Power Lifting	Sr. State Championship(Kannur)	Silver(84kg)
3	Vipin Francis	I MA	Athletics	Sr. State Championship (Ernakulam)	Silver 1500m

4	Alex Shaji	I BA	Athletics	Jr. State Championship	Participation
56	Anoop Johnny	II BA	Athletics	Sr. State championship	third
7	Vijith Vijayan	III B Sc	Athletics	Sr State championship	Second
8	Subin G S	I BA	Cross Country	Jr. State Championship	Second

Performance of the college at Inter Collegiate Competitions

The performance of our college teams at various Inter Collegiate competitions are mentioned below:

Sl No.	Event	Competition	Position
1	Cross Country	M G University Intercollegiate (Alphonsa College)	First
2	Weight Lifting	M G University Intercollegiate (SJCET)	Third
3	Best Physique	M G University Intercollegiate(SJCET)	Third
4	Athletics	M G University Intercollegiate (Maharajas College)	Third
5	Swimming	M G University Intercollegiate (LNCPE Trivandrum)	Third
6	Volleyball	M G University Intercollegiate South Zone	Fourth
7	Football	M G University Intercollegiate South Zone (Marthoma Thiruvalla)	Quarterfinals
8	Cricket	M G University Intercollegiate South Zone(CMS Kottayam)	Participation
9	Power Lifting	M G University Intercollegiate (Devamatha College)	Second

The performance of our college students at various Inter Collegiate competitions are mentioned below.

Sl No.	Name	Class	Event	Competition	Position
1	Vipin Francis	I MA	Cross Country	M G University Inter Collegiate	Gold
2	Subin G S	I BA	Cross Country	M G University Inter Collegiate	Silver
3	Vimal V Kumar	IMA	Cross Country	M G University Inter Collegiate	Fourth
4	Mnau Johnny	II BA	Cross Country	M G University Inter Collegiate	Sixth
5	Winy J Dhas	I BA	Cross Country	M G University Inter Collegiate	Ninth
6	Daniel Zacharias	II BA	Swimming	M G University Inter Collegiate	Gold (50m fly) (50m back)
					Silver (100m back)
					Bronze (100m free)
7	Sarath Sasi	III BA	Swimming	M G University Inter Collegiate	Silver (200m back) (1500m free)
					Bronze (100m brest)

8	Joseph Chacko	III BA	Swimming	M G University Inter Collegiate	Bronze (4x100)
9	Anish Jose	II MA	Weight Lifting	M G University Inter Collegiate	Gold(85kg)
10	Robin Jose	II M Com	Weight Lifting	M G University Inter Collegiate	Silver (77kg)
11	Unni R	III BA	Best Physique	M G University Inter Collegiate	Gold (65kg)
12	Vishnu V S	III B.Com	Best Physique	M G University Inter Collegiate	Gold (90kg)
13	Nidhin Mohanan	III BA	Weight Lifting	M G University Inter Collegiate	Gold
14	Jithin James	III BA	Weight lifting	M G University Inter Collegiate	Third
15	Vipin Francis	I MA	Athletics	M G University Inter Collegiate	800m Sliver 1500m silver
16	Subin G S	I BA	Athletics	M G University Inter Collegiate	5000m Silver
17	Vimal V Kumar	I MA	Athletics	M G University Inter Collegiate	1500m Third
18	Alex Shaji	I BA	Athletics	M G University Inter Collegiate	400m Gold
19	Anoop Johnny	II BA	Athletics	M G University Inter Collegiate	Pole vault, Gold
20	Nidhin Mohanan	III BA	Athletics	M G University Inter Collegiate	Hammer Throw, Gold
21	Jithin James	III BA	Athletics	M G University Inter	Hammer Throw,

				Collegiate	Third
22	Vijith Vijayan	III B.Sc	Athletics	M G University Inter Collegiate	400mH, Bronze
23	Sumesh S	II BA	Athletics	M G University Inter Collegiate	H.M, Gold
24	Anish Jose	II MA	Power lifting	M G University Inter Collegiate	Gold
25	Robin Jose	II M.Com	Power lifting	M G University Inter Collegiate	Gold

Sports Merit Award

The PTA merit award for the Best Sports Person for the year 2011 -12 was presented to Robin Jose – I M.Com student for his meritorious performance in Power Lifting Championship. The Best Athlete award was presented to Nadirsha M. III B.Sc for his meritorious performance in Volleyball in the All India Inter University Championship.

XXXIV Bishop Vayalil South India Volleyball Tournament

The Bishop Vayalil South India college level Volleyball tournament for Men and Women was organized from 5-9 March 2012, at the Jimmy George stadium. The week long extravaganza was attended by five best volleyball teams from outside the state. Noted cine director, Siddique gave away the prizes to the winners – SRM University Chennai in Men Section and Vel's university Chennai in Women section.

16. Industry Varsity Linkage (If any, short description) : The college have initiated linkages with Cognizant Technology Solutions for offering a course in Clinical Trials for M.Sc.Biostatistics.

17. Academic Tie-Ups (if any) :The College have tie-ups with and collaborations with RCC Thiruvananthapuram, PSGIMSR Coimbatore etc.

18. Campus Recruitment (if any)

- 1) 39 students got placement in the Clerical Cadre in South Indian Bank.
- 2) More than 125 students got placement in various Multi-National Companies.

19. Number of PhD's Produced if your college is an approved Research Centre:

18 research scholars awarded Ph.D..

20. Research Scholars Registered in the College, If your college is an approved Research centre.

Sl.No.	Name of Research Scholar & Subject	Title	Name of Guide
	ENGLISH		
	Liyamol Thankachan	Sustainable Ecology in an Endangered World – A Reading of the Poems of Robinson Jeffers.	Dr.P.J. George
2.	Arun Salim	A Comparative Study of the Absurd elements in the prominent plays of Samuel Beckett and Harold Pintes	Dr. H..Sadasivan Pillai
3	Jilu Ani John	Grazing the Feminine Wilderness Eco Feminist Visions in the works of Margaret Atwood.	Dr. Mini John
4	Surabhi Muthe .S	A grabbag of postmodern Literary devices – The narrative strategy of Orhan Pamuk.	Dr. Joy Jacob
5	Alleymol Sebastian	Demythifying Motherhood Feminist perspective in the works of Shashi Deshapande.	Dr. Mini John
6	Princy Jacob	Encountering Ecophallogocentrism, Kate Soper and the Reconstruction of Ontology.	Dr. Siby James
7	Minimol V.A.	To be or Not To be; A Critical Study of Simone De Beauvoir’s Fictional Works.	Dr.T.T.Thomas
8	Vani P.	Cynical Anthropologies Portrait of Real India in the Mindscape of Arundhati Roy and Araving Adiga.	Dr. P.J. George
9	Alphonsa Theresa Mathew	Twice colonized imperialism and Subjectivity in selected works of Jamaica Kineaid.	Dr. Joy Jacob
10	Rosemol P. Raju	The great Algan Tragedy; A study of the Khaled Hossfinis and Nadeem Aslam’s fictional works.	Dr.T.T.Thomas

11	Tom Thomas	Coalescing Margins in the cultural Critique of Edward W. Said.	Dr. P.J. George
12	Sheena George	Gandhi and Fanon in Twentieth Century Fiction; A critique of Non Western Nationalist Political vision in Select Indian and African Novels.	Dr. T.J.Abraham.
13	Thomas Zachariah	Translocating the subject the Re-sited structures of O.V. Vijayan's Translations.	Dr. Siby James
14	Asish Martin Tom	Marks and Remarks: David Dabydeen and the unmasking of power.	Dr. Siby James
15	Sheeba V. Issac	The Hybridity of Afro-American Identity in the Poetry of Gwendolyn Brooks – A Redefinition.	Dr. Mathew Joseph
16	Kavitha Gopalakrishnan	Flattening the Hierarchies: An Aporetic encounter between Elitist and popular Cultures in the Novels of Chetan Bhagat.	Dr. Siby James.
17	Awathy Balachandran	Ecological Sensibility in A.K. Ramanujan's Poetry.	Dr. P.J. George
18	Sophia James	Interrogating Maleness; Carol Ann Duffy and the Poiesis of the Female.	Dr. Mathew Joseph
	MALAYALAM		
1	Praseetha S.	P.K. Balakrishnante Sahithya Vimarsanam – Vimarsantma Padanam.	Dr. Baby Sebastian
2	Soumya Jose	Adhunikathayile Ankoyma Malayalathile Adhunika Novalukale aspathamakkiyulla padanam.	Dr. Baby Sebastian
3	Maneesha V.	Kunjunnikavithakaliley Upkasa Parikalpana – Padavum – Porulum.	Dr. Davis Xavier
4	Ajitha M.K.	Dalitharude Pattukalude Samaharanavum - padanavum in Kottayam Dist.	Dr. Jose Parakadavil.

5	Thomas Kuruvilla	Bible Atmosphere – Zachariyayude Kathakalil	Dr. Jose Parakadavil
6	Bins M.Mathew	Nava Pathrapravarthanam – Malayala Pathrangale Aspathamakki – A Study.	Dr. Babu Sebastian
7	Suja Chacko	Delhi Nagaravum Adhikaravum Malayala Novalukalil (O. Vijayan, V.K. N, M. Mukunthan, Anand Ennivarude Kruthikale Aadaramakkiyulla Padanam.	Dr. Jose Parakadavil
	Hindi		
1	Bindu P.V	Malathi Joshi Ki Kahaniyom Mein Naari Chethana.	Dr. V.V.Georgekutty
2	Swapna Mohan M.R.	Bhagavat Ravat Ka Kavya Sansar Ek Vishleshna T Mak Adhyayan.	Dr. P.M. Thomas
3	Sandhya B.	Ramdarash Mishra Ke Upanyasom Ka Vishleshnatmak Adhyayan.	Dr.Mathew Thomas
4	Rajani S.	Mridula Garg Ki Kahaniyon Mein Stri Purush Sambandh.	Dr. Mathew Thomas
5	Shemi John	Dampatya Ke Badalte Swarup Samakaleen Hindi Kahaniyom Mein.	Dr.V.V.Georgekutty
6	Rani Antony	Mannu Bhandari Ki Kahaniyon Mein Nari Manovigyan.	Dr. Mathew Thomas
7	Shija Grace	Kamleshwer Ka Rachna Sansar.	Dr.V.V.Georgekutty
8	Rani Antony	Vishnu Prabhakar Ki Kahaniyom Vishleshnatmak Adhyayan.	Dr. Mathew Thomas
9	Dhanya Sadanandan	Swayam Prakash Ki Kahaniyan: EK Anushilan.	Dr. K.M.Mathew
10	Preethi R.	Prabha Khaitan Ka Rachana Sansar.	Dr. K.M.Mathew
	POLITICS		

1	Manju Joseph	The New Intellectual Property Rights Regime in India; A Case Study of Pharmaceutical Patenting.	Dr. Mary Senterla P.S.
2	Sumesh S.	Impact of Decentralized Governance Study of X and XI Plan Schemes.	Dr. Mohanakumar
3	Mariamamma Jacob	Institutional Initiatives for Socio-economic Development; A Study on Environmental Challenges in Kerala with Special reference to Alapuzha.	Dr. M.M.Mathew
4	Honey K. Varghese	Women and Domestic Violence – A Study on the impact of the Protection of Women form Domestic Violence Act 2005 in Kerala.	Dr.Stany Thomas
5	Soumya V.R	The Social and Environmental Implications of Tourism in Kerala – With Special Reference to Kumarakom and Munnar.	Dr.Stany Thomas
6	Justine Mathew	Voluntarism and Social Capital in Kerala; A Case Study of Kanjikkuzhy Panachayath.	Dr. Stany Thomas
7	Rasheed A.M.	Media, Public Opinion and Environmental Reporting; A Case Study of Kerala 1995-2005.	Dr.Stany Thomas
8	Baburaj T.S	Effectiveness of Micro Finance System Through Selfhelp Groups, A Study on the Extent of Women Empowerment in Kottayam District of Kerala.	Dr. N.C. Jacob
9	Ajimon George	Social Deprivation of the Margi-nalized among the Marginalized; A Study of the Socio Economic Mobility of Dalits in Kerala.	Dr. N.C. Jacob
10	Roy Mathew	Politics of Part Development Time in Kerala: A Case Study of Rural Community Development Programmes in the Kottayam District.	Dr.Stany Thomas

11	Unni Joseph	Political Identity and Social Mobility of Dalits; A Case Study of Dalit Christians in Central Kerala.	Dr.Stany Thomas
12	Sajoy George	Local Area Development Schemes; A Case Study of MPLADS.	Dr.Stany Thomas
13	Jobin T.Antony	Empowerment and Development in the Lakshamveedu Colonies of Kerala; A Case Study of Kottayam District.	Dr.Stany Thomas
14	Manojkumar B.	Empowerment Part and Political time Socialisation of Tribal Women; A Case Study of Mannans, Hill Pulayas and Uralis in Kerala.	Dr.Stany Thomas
15	Madhusudhanan B.	Government of business interaction through E-Governance in Kerala.	Dr. P.M.Thomas
16	Babu Antony	State Response towards Human Rights Violations among Adivasis in Wayanad District.	Dr.M.M.Mathew
	MATHEMATICS		
1	Elizabeth Varghese	A Study of the Structure of Some class of Non Regular Semi groups.	Dr. M.S. Samuel
2	Salma Mary K. Abraham	Some Problems of Generalizations and Fuzzy Analogues of Branch Algebras and their Applications.	Dr. M.S. Samuel
3	V.G. Rajalekshmi	Queuing Models and Its Applications with Special Reference to Computer Science.	Dr. M.S. Samuel
4	Pratheesh George	Some Problems in Algebraic Graph Theory.	Dr. M.S. Samuel
5	P. Alayamani	Composite Labeling in Graphs.	Dr. D.S.T Remesh
6	Anjaly Jose	A Study on the Inevitability of Fuzzy Topological Spaces and Related Topics.	Dr.Sunil C. Mathew
	STATISTICS		

1	Prasanth C.B	Probability Models in the Context of random Summation Schemes.	Dr. E. Sandhya
2	Lovely Abraham T.	Generalization of Harris Distribution	Dr. E. Sandhya.
3	Remya Sivadas	A Study on Skewed Distributions and Their Applications.	Dr. K.K. Jose
4	Binoy Jacob	A Statistical Approach to Godels Theorems with Reference to Central Limit Property.	Dr. K.K. Jose
5	Mariyamma K.D.	A Study on Discrete Distributions and Integer Valued Auto-regressive (INAR) Process.	Dr. K.K. Jose
6	Manu Mariam Thomas	Generalized Lapacian Distributions and Auto-regressive Process.	Dr. K.K. Jose
7	Aleyamma Mathew	Statistical Modeling and Projections for Brerast and Reproductive Tract Cancers in Kerala.	Dr.K.K.Jose
	PHYSICS		
1	Ajith R	Plasmon Assisted optical properties of Manoparticles for Opto Electronic Applications.	Dr.Vincent Mathew
2	Bhagyaraj C.	Localization and Control of Optical Energy in Tunable Photonic Structures.	Dr.Vincent Mathew
3	Seena Mathew	Electromagnetic Wave Propagation in Ferroelectric Multilayer Systems.	Dr.Vincent Mathew
4	Anju Babu	Study of Surface Plasmon Full Polaritious in Dielectric/Metal Multilayer Structures.	Dr.Vincent Mathew
5	Gishamol Mathew	Analysis and Siumulation of Quantum Transport in Nanoscale Mosfets.	Dr.Vincent Mathew
6	Saji Joseph	Quantum Mechanicl Treatment of Carrier Scattering in Nanoscale Transistors.	Dr.Vincent Mathew
7	Deepu Thomas	Atomistic Simulation of Nano Scale Time	Dr.Simon Augustine

		Mosfets in the Ballistic Regime of Operation.	
	CHEMISTRY		
1	Sheena Varghese	Development of Various Natural and Synthetic Fibre Reinforced Plastic Composites.	Dr.Sunny Kuriakose
2	Ambily Chandran	Designing and Studies on Some Novel Photo Chemical Probes Based on Naturally Occurring Systems Like Lign.	Dr.Sunny Kuriakose
3	Gisha George	Development of Some Novel Supramolecular Host Systems for Drug Designing and Drug Delivery.	Dr.Sunny Kuriakose
4	Cincy George	Light Harvesting and Related Phenomena in Functionally Modified Dendrites Macromolecules Containing Photo Responsive Groups.	Dr.Sunny Kuriakose
5	Shino P.L.	Effect of Nanoclay on Morphology and Thermo mechanical Properties of Epoxy/Styrene-co-Acrylonitrile Blends.	Dr.G.D.Gem Mathew
	BIO-CHEMISTRY		
1	Tom K.Mathew	Isolation of Biologically Active Secondary Metabolites from Flowering Plants and their in Vitro Propagation through Callus Culture.	Dr. P.J. Benny
2	Asha Gangadharan	Growth Kinetics Bio-Chemical Composition and Impact Studies of Two Species of Cyanobacteria.	Dr. P.J. Benny
3	Dhanya P.	Studies on the Allelopathic effects of Phytochemicals from selected Plants.	Dr. P.J. Benny
4	Aravind Gopal	Studies on Insecticidal Property of Selected Plant Extracts.	Dr. P.J. Benny
	BOTANY		

1	Sweetymol Jose		Dr.Dennis Thomas
2	Jyothi Abraham		Dr.Dennis Thomas
3	Biju P.	Study of Laterite Flora of Northern Kerala	Dr. Jomy Augustine
4	Josekutty E.J	Floristic and Ecological Studies of Paithal Mala, Southern Western Ghats.	Dr.Jomy Augustine
5	Anishkumar K.	Algal Diversity in Relation to Physicochemical Properties of Santharuvi River, Udumbanchola, Idukki.	Dr. P.O. Augusthy

6	Valsamma V.T.	Study of the Effect of Fertilizers and Growth Regulators on the Growth and Reproduction in Moringa Oleifera Lam, and Its Relationship with the Purification of the Polluted Water by the Plant Extracts.	Dr. Mathew M.M.
7	Sreelaja	Microalgal Diversity and Primary Productivity of Mahe River.	Dr. P.O. Augusthy
8	Salvy Thomas	Reproductive Biology, Seed Technology and Phytochemistry of Gareiniaegummigutta (1) Robson and Oroxylum Indieum(L) Vent.	Dr.Stephen Joseph
	COMMERCE		
1	Renny A. George	Marketing of Bank Products with Special Reference to Higher Education Loan; A Study of Nationalised Banks in Kerala.	Dr. Tharsis Joseph
2	Thomas Sebastian	Lending and Recovery Performance of Kerala State Co-operative Agricultural and Rural Development Bank – an Evaluative.	Dr.Tharsis Joseph
3	Renjith Mohan P.	Quality of work life in Scheduled Commercial Banks in Kerala.	Dr.K.V.Thomas
4	Jisha George	Performance Evaluation of Small Scale Industrial Units in Kerala with special reference to export oriented units.	Dr.V.V.Georgekutty
5	George K.V.	S.H.G. – Bank Linkage Programme and Financial Inclusion – A Comparative Study of Kerala and Tamil Nadu.	Dr. K.V. Thomas
6	Sherin Elizabeth John	Customer Relationship Management – A Comparative Study of Public and Private Sector Banks in Kerala.	Dr. Tharis Joseph
7	Nisha Mary Jose	Emerging Challenges to Work-Life Balance; A Comparative Study of Life Insurance Corporation of India and selected Private Sector	Dr.V.V.Georgekutty

		Insurance Companies.	
8	Denny Thomas	Customer Relationship Management of Public Sector Banks with Special Reference to Kerala State.	Dr.Tharsis Joseph
9	Deepa Mathew	An Empirical Study on Job Stress in Women Employees in selected Banks in Kerala.	Dr.Tharsis Joseph
10	Joji Mathew	The effectiveness of product marketing. A Comparison between LIC of India and selected private sector Life Insurance Companies.	Dr.V.V.Georgekutty
11	Priya Mariyat	A Comparative Study of the Job Satisfacted level of the work force and Executives in Hindustan Newsprint Limited, Velloore, Kerala State.	Dr.Tharsis Joseph
12	Biji Jose	Effectiveness of Higher Education in promoting Entrepreneurial abilities of students in Arts and Science Colleges of Kerala.	Dr.V.V.Georgekutty

21. List of Research Guides (with e-mail and website)

Sl.No.	Name	Discipline
1.	Dr. Mathew Joseph	English
2.	Dr. Augustine Joseph	English
3.	Dr. P.J. George	English
4.	Dr. T.T.Thomas	English
5.	Dr. T.J. Abraham	English
6.	Dr. H. Sadasivan Pillai	English
7.	Dr. Siby James	English
8.	Dr. Sr. Jessy Maria	English

9.	Dr. George Justine V.	English
10.	Dr. Siby James	English
11.	Dr. T.J.Abraham	English
12.	Dr. N.K. Joseph	Hindi
13.	Dr. P.M. Thomas	Hindi
14.	Dr. K.M. Mathew	Hindi
15.	Dr. V.V.Georgekutty	Hindi
16.	Dr.C.K.James	Hindi
17.	Dr. K.M.Mathew	Hindi
18.	Dr.V.V.Georgekutty	Hindi
19.	Dr.Mathew Thomas	Hindi
20.	Dr.K.M.Mathew	Hindi
21.	Dr.M.Gopalakrishnan Nair	Malayalam
22.	Dr.Davis Xavier	Malayalam
23.	Dr.Babu Sebastian	Malayalam
24.	Dr. Jose Parakadavil	Malayalam
25.	Dr. Cyriac Thomas	Political Science
26.	Dr. V.V.Varghese	Political Science
27.	Dr. M.M.Mathew	Political Science
28.	Dr.Stany Thomas	Political Science
29.	Dr. T.P. Johnson	Mathematics
30.	Dr.N.C.Jacob	Mathematics
31.	Dr. Sunil C. Mathew	Mathematics

32.	Dr. M.S. Samuel	Mathematics
33.	D.S.T. Ramesh	Mathematics
34.	Dr. Sunil C.Mathew	Mathematics
35.	Dr. M.S.Samuel	Mathematics
36.	Dr. D.S.T. Ramesh	Mathematics
37.	Dr. K.K. Jose	Statistics
38.	Dr.Alex Thannippara	Statistics
39.	Dr. Sebastian George	Statistics
40.	Dr.Sandhya E.	Statistics
41.	Dr.Alice Thomas	Statistics
42.	Dr.C.Satheeshkumar	Statistics
43.	Dr.K.J.John	Statistics
44.	Dr.Joy Jacob	Statistics
45.	Dr.Seemon Thomas	Statistics
46.	Dr. Vincent Mathew	Physics
47.	Dr.Ison Vanchipura	Physics
48.	Dr. Sunny Mathew	Physics
49.	Dr.Simon Augustine	Physics
50.	Dr.Jinson P.J.	Physics
51.	Dr. Jose K. Xavier	Chemistry
52.	Dr.Sunny Kuriakose	Chemistry
53.	Dr.B.Prakashkumar	Chemistry
54.	Dr. Jomy Augustine	Chemistry

55.	Dr.G.D.Gem Mathew	Chemistry
56.	Dr. M.M. Mathew	Botany
57.	Dr. P.O. Augusthy	Botany
58.	Dr. Stephen Joseph	Botany
59.	Dr. Dennis Thomas	Botany
60.	Dr. Jomy Augustine	Botany
61.	Dr. P.J. Benny	Biochemistry/Zoology
62.	Dr. K.M. Yeldo	Biochemistry/Zoology
63.	Dr. Tharsis Joseph	Commerce
64.	Dr. Stephen A.	Commerce
65.	Dr. M. Sarngadharan	Commerce
66.	Dr.K.V.Thomas	Commerce
67.	Dr.V.V.Georgekutty	Commerce

ST THOMAS COLLEGE OF TEACHER EDUCATION, PALA

1. **Name of the College** : St.Thomas College of Teacher Education, Pala
(With e-mail and website) Website :www.stce-pala.info
e-mail: 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	5	7	-	-	12
Non-Teaching	8	5	-	-	13

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

Under graduate	Number of Seats		Post graduate	Number of seats		M.Phi l	Number of seats		Ph. D	Number of seats	
	Men	Women		Men	Women		Men	Women		Men	Women
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	Appeared		Passed		M. Phi l	Appeared		Passed		Ph. D	Appeared		Passed	
	M	W	M	W		M	W	M	W		M	W	M	W		M	W	M	W
B.Ed	29	119	29	118	M.Ed	5	21	5	21										

6. Details of Tests cleared by Students (if any)

Sl.No.	National Level	State Level
	21 (NET)	36 (SET)
		KTET I - 3 KTET II - 16 KTET III - 18 CTET - 4

7. Library

- (a) Total Number of Books 15210
- (b) Total Number of Journals 40
- (c) Total Number of Periodicals 37
- (d) Number of titles added during the year 298

8. Grants Received From

- (a) University Grant Commission Rs.1955258/-

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 :

National Level - 2

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

National Level

1. Two day National Seminar conducted by Dr.T.C Thankachan on 5th and 6th June 2012 ‘Education for National and Emotional Integration’
2. Two day National Seminar conducted by Dr.P.P Shajimon on 28th and 29th November 2012 ‘Educational Renaissance for a new Generation’

12. Publications by the Faculty with Impact factor of the Publications:

Dr. Celene Joseph

1. Books Published :- Science Process Skills – Teaching and Testing accepted for publication by Shipra publications New Delhi
2. Paper published : Presented a paper on “Naïve conceptions: Its impact on science learning” in the UGC sponsored national seminar on “Learning innovation in science education” organized by PKM College of Education, Madampam on 2nd and 3rd February, 2012. And published it in the seminar proceedings.

Sr.Beenamma Mathew

1. Seminar Publications : - 7E Learning Cycle –A Constructivist Model for Tackling Misconceptions’ – (UGC sponsored National Level Conference on Learning Innovations in Science Education. PKM College of Education, Madampam.

Dr.T.C Thankachan

- 1.Ph.D topic: “Effectiveness of Value Analysis Model in developing Value Processing Skills among secondary school students” (Ph.D awarded by Alagappa University, Karaikudi, Tamilnadu on 8/10/2012

2. Participated and presented a paper on ‘Enhancement of Peace Values in the Teacher Education level through Peace Value Model for the sustenance of Education for Peace and Global Excellence’ in the International education Meet on ‘Education for Global Excellence’ organized by Mar Theophilus Training College Thiruvananthapuram, on 5th, 6th and 7th January, 2012.
3. Published a paper on ‘Development of Adolescents’ Value Conflict Resolution skills through Value Analysis’ in the edited book, Learning and Application, published by Department on Indian Studies, University of Malaya, Kaulalumpur, Malaysia and Anuragam, Chennai on August, 2012 ISBN 978-93-81568-58-3.
4. Co-ordinated the National Seminar and presented a paper on ‘A study on Dr.A.P.J Abdul Kalam’s Educational views for a Developed and Emotionally Integrated India’ in the UGC sponsored National Seminar on ‘Education for National and Emotional Integration’ held at St.Thomas College of Teacher Education, Pala on 5th and 6th June, 2012. ISBN 978-93-82359-02-9.
5. Acted as Resource Person in NAAC sponsored National Seminar on ‘Quality Assurance in Teacher Education in the Digital Age – Issues and Challenges organized by IQAC, Mount Carmel College of Teacher Education for Women, Kottayam on 12th and 13th June, 2012.
6. Published a paper on ‘Creating a Knowledge society to uphold the Culture of India- Convergence of Bio-Info-Nano-Eco Education” in the edited book (collection of papers of the national seminar organized by Rayat & Bahra College of Education, Punjab from 17th to 19th November, 2012) Challenges for Education in Knowledge Society. ISBN:978-93-80144-67-2.
7. Participated and presented a paper on ‘Evolving a Practice based course for Diabetic Care Education: A Platform for Educational Renaissance in the context of Health Care’ in the UGC sponsored National Seminar on ‘Educational Renaissance for a New Generation’ held at St.Thomas College of Teacher Education, Pala, on 28th and 29th November, 2012.

Sr.Shalby P Jose

1. “A study on Human Rights Awareness Among Teacher Trainees” in the proceedings of UGC sponsored National Seminar on Human Rights Education – Relevance of Multi cultural Education based on the Philosophy of Pluralism in the contemporary Indian context at St.Joseph’s Training College, Mannanam.

2.“Effect of Cognitive Apprenticeship Model in developing Social Skills at Higher Secondary Level” in the proceedings (ISBN No.978-93-82359-02-9) of UGC sponsored National seminar on Education for National and Emotional Integration at St.Thomas College of Teacher Education, Pala.

3.“Cognitive Apprenticeship Model an innovative teaching – Learning Strategy” in the proceedings of Educational Renaissance for a new generation at St.Thomas College of Teacher Education, Pala.

Sr.Mary Thomas

1. Developing higher order thinking skills through meaningful science learning – cognitive Acceleration Approach (UGC sponsored National level conference on Learning Innovations in Science Education, PKM College of Education, Madampam.)
2. Emotional Maturity – A Prerequisite for Emotional and National Integration: An empirical study among the teacher trainees at secondary level. (UGC sponsored National Seminar on Education for National and Emotional Integration 5-6, June 2012.

Pratheesh Abraham

1.The Role of Language in promoting National and Emotional Integration : An empirical study. Published by St.Thomas College of Teacher Education, Pala

Sunu Austin

1.Emotional Maturity: A Prerequisite for Peace Education (UGC sponsored National Seminar on Education for National & Emotional Integration 5-6, June 2012)

Sunil Thomas

1. Seminar:- Yoga for life style diseases
- 2.Papers:- Educational renaissance for a new generation.
3. Education for national and emotional integration
4. “An Analytical study on the vertical jumping ability and its relationship to the body height and arch of foot among Volley ball players” (Research Scholar Vol.IINo.1-13 March 2012)
5. Potentiality of Yoga in Physical education and sports to console the Mind, body and spirit.(Research Lives ISSN 0975-8941) Vol.V No.1

6. "Total Physical fitness programme (TPFP) A health related physical fitness testing programme for school children in Kerala, 2010-11 an overview". (Research Scholar, Vol.11 No.2, June 2012) ISSN 2249-6696 From Scholar association of Kerala.
7. "Media awareness among rural population; A case study of Kuravilangad Grama Panchayath" March 2012(Misbah-Nide of knowledge ISSN0976-2523)
8. Comparative study of selected physical fitness components between Kerala and Pondicherry State Volley players" Baslios Researcher Vol.XIII, January-June, 2012.

Dr.Anandi Martis

1. Conducted one day workshop on "Challenges of Teaching and Learning" at the Department of Commerce Studies for the Faculty and students of the Department of St.Agnes College, Mangalore on 5th of October 2012.
2. Participated in the Silver Jubilee Annual Conference of AIAER organized by Rayat Bahra College of Education, Saheeran Mohali,Punjab and Chaired the sessions titled "Changing Roles of Teacher and their Education" and "Re thinking and Re-defining Education for the Knowledge Society". 17-19 November 2012.
3. Conducted two days workshop for the teachers of the local I.C.S.E Schools on "Nurturing Creativity among the Children" on 21st and 22nd November 2012 at Little Flower Convent School Dhariwal, Gunedaspu, Punjab.
4. Served as a Resource person in UGC sponsored National Seminar on 'Educational Renaissance for a New Generation" held at St.Thomas College of Teacher Education, Pala on 28th and 29th November 2012 and presented a paper titled "The Future of Teaching is Learning".

Priya Mathew

1. Paper titled "Relationship between Social Skills and Academic Achievement among adolescent students" was published in the Journal "Edu World", 1(1), Page No.95, ISSN No.2319-7129.
2. Paper titled "Effectiveness of Team-Pair Solo Strategy on achievement in Mathematics at secondary level" was published in the edited book "Learning and Application" published by

University of Malaya and Anuragam Chennai, page No.469-474, ISBN No.978-93-81568-58-3.

3. Paper titled “A study of social skills among secondary school students of Ernakulam District” was presented in the UGC sponsored national seminar on Education for National and Emotional Integration held at St.Thomas College of Teacher Education, Pala on 5th and 6th July 2012.

The paper was published in the proceedings of ‘Education for National and Emotional integration’. Pages 64-69. ISBN No.978-93-82359-02-9. 4Paper titled “Personal Strengths: A means to sustainable Happiness” was presented in International Conference on Learning Innovation in Science and Technology, organized by King Mongkut’s University of Technology Thonburi, Thailand, held at Mercure Patong Puket, Thailand on 29th February, 1st and 2nd March 2012. The paper was published in the CD of the proceedings of ICLIST 2012.

- 4.Paper titled “Influence of Participation in sports, Arts and Work Experience on Coping skills of Adolescent Students” was presented in the UGC sponsored National Conference on Learning innovation in Science Education held at P.K.M college of Education, Kannur, Kerala, India on 2nd and 3rd February 2012.The paper was published in the Proceedings “Learning innovation in science and education”, Pages 17-20.

13. Research Highlights of Faculty/Scholars

- Sri. T.C Thankachan has been awarded with Ph.D degree from Alagappa University during October 2012 on the topic “Effectiveness of Value Analysis Model in developing Value Processing Skills among secondary school students”
- Smt.Bindu David has been awarded with Ph.D degree from Alagappa University during January 2013 on the topic “Psychosocial variables of Elementary School Children with learning Difficulties in relation to their Academic Achievement”.
- Sr.Beenamma Mathew, Sr.Mary Thomas, Mrs. Lavina Dominic and Priya Mathew had registered for Ph.D in Bharathiyar University, Coimbatore and Sr.Shalby P Jose has registered for Ph.D in Kannur University.

14. Students Achievements – Academic

- 100% pass for the B.Ed. Examination held in September 2012 with scoring 17 A+ grade, 78 A Grade, 46 B+ Grade and 5 B Grade.
- 100% pass for the M.Ed. degree Examination held in May 2012 with scoring 9 A grade 15 B+ grade and 2 B grade.

- 36 students passed the SET Examination, 3 students passed the KTET Ist, 16 students passed the KTET II, 18 students passed the KTET III, 4 students passed the CTET and 21 students passed the NET examination.

15. Students Activities/ Achievements – (Extra Curricular)

(a) Arts Festivals :

- Chinchu Rose George won 3rd prize in Inter Collegiate Quiz Competitions held at Department of English, Mar Thoma College, Tiruvalla.
- Minu George won 3rd prize in Inter Collegiate Quiz Competitions held at Department of English, Mar Thoma College, Tiruvalla.

(b) Sports:

- Bilahari Rajan won 3rd prize in Long jump in the sixth Inter training College Athletic meet organized by St.Joseph's Training College Mannanam
- Roshan Jose won 2nd prize in Javelin in the sixth Inter training College Athletic meet organized by St.Joseph's Training College Mannanam.
- Allen Manuel Aloysius won 1st prize in shot put in the sixth Inter training College Athletic meet organized by St.Joseph's Training College Mannanam.

(c) Games :

- Fr. Jobin Jose won 1st place in the men's singles Principals Trophy Inter B.Ed. shuttle Badminton tournaments held at Titus II Teachers College Tiruvalla.
- Fr.Jobin Jose and Nelson Kuriakose won the second place in the men's doubles principal's Trophy Inter B.Ed. shuttle Badminton tournament held at Titus II Teachers College Tiruvalla.

16. Student Progression (Brief about the past students)

About 70 students got placements in different college and schools

ST.MARYS COLLEGE FOR TEACHER EDUCATION, THIRUVALLA

- 1. Name of the Institution** : St. Marys College for Teacher Education,
Paliakara, Thiruvalla, www.stmarysbedcollege.org
- 2. Name of the Principal** : Mrs. Elizebeth Baby

3. Staff Profile

Staff Profile	Men	Women	Scheduled Caste	Schedule Tribe	Total
Teaching	2	6	Nil	Nil	8
Non-Teaching		4	Nil	Nil	4

4. Courses Offered with Number of seats

Under Graduate	No. of Seats	
	Men	Women
B. Tech	179	82

6. Students Intake :

Under Graduate	Appeared		Passed	
	M	W	M	W
	43	18	4	4

7. Library

- (a) Total Number of Books : 4863
- (h) Total Number of Journals : 34
- (i) Total Number of Periodicals : 7
- (j) Number of titles added during the year : 249