



MAHATMA GANDHI UNIVERSITY

Vol. II-A

**Evaluative Report of the Schools/
Departments**

Submitted to

National Assessment and Accreditation Council
for Re-accreditation

CONTENTS

Sl. No	Schools/Departments	Page No
1	School of Behavioural Sciences	1
2	School of Biosciences	48
3	School of Chemical Sciences	79
4	School of Computer Sciences	128
5	School of Environmental Sciences	169
6	School of Gandhian Thought & Development Studies	198
7	School of Indian Legal Thought	213
8	School of International Relations & Politics	231
9	School of Letters	268
10	School of Management and Business Studies	280
11	School of Pedagogical Sciences	299
12	School of Physical Education and Sports Sciences	314
13	School of Pure and Applied Physics	328
14	School of Social Sciences	348
15	School of Tourism Studies	361
16	Department of Lifelong Learning and Extension	386
17	Department of Printing and Publishing	411



SCHOOL OF BEHAVIOURAL SCIENCES

1.	Name of the Department	:	School of Behavioural Sciences
2.	Year of establishment	:	1988
3.	Is the Department part of a School/ Faculty of the University?	:	Yes, Faculty of Behavioural Sciences
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	PG: <ul style="list-style-type: none"> • M.Sc Psychology • M.Sc Disability Studies and Rehabilitation Sciences • PG Diploma in Indian Sign Language M.Phil: <ul style="list-style-type: none"> • Behavioural Medicine and Rehabilitation (fulltime & part time) • Special Education and Rehabilitation Sciences • Rehabilitation Psychology • Behavioural Sciences and Rehabilitation Nursing Ph.D: <ul style="list-style-type: none"> • Behavioural Medicine • Special Education • Psychology • Rehabilitation Nursing
5.	Interdisciplinary programmes and departments involved	:	All programmes are interdisciplinary in nature and hence the department has faculty from the disciplines of Psychology, Special Education (Mental Retardation, Visual Impairment, Hearing Impairment and Learning Disability), Clinical Psychology, Research Methodology and Statistics, Medicine and Nursing.
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	All the P.G and M.Phil courses are conducted establishing academic collaboration with relevant institutions inside and outside the state
7.	Details of programmes discontinued, if any, with reasons	:	P.G Diploma in Guidance and Counseling, owing to shortage of faculty.
8.	Examination System	:	Semester (Choice Based Credit System)
9.	Participation of the department in the courses offered by other departments	:	Faculty members are members of the board of studies and panel of examiners in Education, Special education, & Psychology in M.G University, Calicut University, Kerala University, & Kannur University.



10. Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/ others)		Sanctioned	Filled	Actual (including CAS & MPS)
	Professor	1	Nil	1
	Associate Professors	2	1	1
	Asst. Professors	7	5	4
	Others	-	-	-

• Dr. M.S Razeena Padmam, Professor, Psychology, Retired on 30.05.2015.

• Dr.Elsheba Mathew, Asst. Professor, (Medicine) retired on April 2013.

• Sri.James M.X, Asst. Professor (Clinical Psychology) is on long leave.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D./M.Phil. Students guided for the last 6 years
Dr.P.S. Sukumaran	M.A, M.Ed., Ph.D	Professor	Special Education	25	Ph.D Awarded - 8 Ongoing – 7 Submitted - 1 M.Phil – 8
Dr.Rajeevkumar N	M.A, Ph.D	Associate Professor	Clinical Psychology	16	Ph.D- 01 Submitted - 01 Ongoing - 9 M.Phil-09
Dr.P.T. Baburaj	MA, M.Ed., Ph.D	Asst. Professor	Special Education	25	Ph.D Awarded - 01 Ongoing - 12 M.Phil - 14
Dr. K. Muhammad Mustaffa	M.A, M.A(psy) M.Ed. M.Phil, Ph.D	Asst. Professor	Special Education	10	Ph.D Ongoing - 07 M.Phil - 10
Mr. Rajesh E.	M.Sc, M.A, B.Ed	Asst. Professor	Special Education	10	Nil
Ms. Rincymol Mathew	M.Sc	Asst. Professor	Mental health Nursing	20	M.Phil-8



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Sl.No	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Ninan Kurien, Consultant Psychiatrist	Visiting Fellow	Behavioural Therapy

13. Percentage of classes taken by temporary faculty- Programme-wise information.

Programme	2010-16
MSc. Psychology	20 %
MSc. Disability studies and Rehabilitation Sciences	20%
M.Phil	Nil

14. Programme-wise Student Teacher Ratio:

M.Sc. Psychology	10:1
M.Sc. Disability studies and Rehabilitation Sciences	5:1
M.Phil	5:1
Ph.D	7:1

15. Number of academic support staff (technical) and administrative staff: Sanctioned, filled and actual:

Academic support	Sanctioned	Filled & Actual
Technical staff (including special teachers, Psychologist, Clinic nurse, etc.)	11	3
Administrative staff	4	4

16. Research thrust areas as recognized by major funding agencies:

- **thrust areas**
 - Counseling
 - Learning disability
 - Integrated education
 - Inclusive education.



• **Fund received from:**

- Tata Institute of Social Sciences (TISS), Mumbai
- Indian Council of Social Science Research (ICSSR), New Delhi
- Sarva Shiksha Abhiyan (SSA), Kerala

17. Number of faculty with ongoing projects from a) national- b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project – wise.

a) National :

SL. No	Project Title	Period	Funding agencies	Fund in Lakh (₹)
1.	High School Students with Dyslexia (Dr. Rajeevkumar N)	2013-15 (18 months)	ICSSR – New Delhi	4.00
2.	Exclusive tendency in Inclusive Education (Dr. K.Muhamad Mustaffa)	2014-15	Sarva Siksha Abhiyan, Kerala.	1.20
3.	Effectiveness of orientation programme for teachers in the management of behavioural problems (M.S. RazeenaPadmam)	2014-15 (12 months)	ICSSR – New Delhi	5.00

b) International : Nil

c) Total grants received : ₹ 10.2 Lakh

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration: 1

SL. No	Project Title	Period	Funding agencies	Fund in Lakh (₹)
1.	GFATM Project - SAKSHAM (The Global Fund to Fight AIDS, Tuberculosis and Malaria, Round 7, HIV/AIDS Counselling Programme)	2009-14	WHO programme funded through Tata Institute of Social Sciences (TISS), Mumbai	93.12

b) International collaboration- Nil

c) Total grants received: ₹ 93.12 Lakh

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR,AICTE, etc; total grants received: Nil

**20. Research facility/Centre with**

- State recognition :Yes
Yes, Inter University Centre for Disability Studies established to promote research and extension activities in the area of disability. Had projects supported by the Govt. of Kerala
- National recognition : Yes
- International recognition: Nil

21. Special research laboratories sponsored by created by industry or corporate bodies.

- Department has a psychology lab and audiology lab.

22. Publications:148

Sl. No	Publications	Total
1.	Refereed Journal Publications	82
2.	Monographs	Nil
3.	Conference Proceedings	37
4.	Chapters in Books	2
5.	Edited Books	Nil
6.	Books authored with ISBN	4
7.	Books authored without ISBN	3
8.	Articles in popular publications	20
9.	Total	148

Number listed in International Database (for e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc)

Rajesh E, Asst. Professor.

- Citation Index : 119
Impact Factor: 2016:2.262 & 5.2
Impact Factor: 2013: 1.2
Impact Factor: 2011: 3.192, 3.192 & 3.192
- H-index : 6
- i-10 index: 2

23. Details of patents and income generated : Nil



24. Areas of consultancy and income generated:

The school offers consultancy services in the area of mental health and disability identification and rehabilitation. Since there are social issues where maximum awareness creation and provision of services are required, most of the services are provided **free of cost**. A nominal fee is collected for audiometry, physiotherapy etc. Also the intellectually challenged students attending the vocational rehabilitation unit of the School are given a nominal remuneration for the physical work they do in the centre. The details of the various consultancy assignments are given below.

The **SANTHWANAM** counseling centre working in the School offer mental health consultancy services to the child and adolescent clients referred from medical colleges, Institute of child health, district hospitals, schools, colleges and so on. The services of an expert clinical psychologist is provided for **Psychological Testing and Assessment** (Assessment of attention, concentration, intelligence, personality, memory and assessment of psychological disorders), diagnostic evaluation, and various **Psychological Interventions** (counseling, psycho education, Individual and family psychotherapy, Family therapy, Behaviour modification and behavior therapy and other appropriate management procedures). The centre also issues certificates regarding Intellectual disability and learning disability and is accepted as a competent authority in this regard by the Department of Education and Government Medical colleges. Guidance and counseling services also are provided in this centre. **Counselling and guidance** to the students and parents of the Vocational Training Centre of School of Behavioural Sciences and their assessment have been carried out in the clinic at regular intervals. All the services of this centre is **extended free of cost** to enable better access to the needy population.

The year wise distribution of the clients attended the clinic is as follows.

Year	No. of New Cases	No. of follow up cases.	Total No. of clients
2011	216	198	414
2012	300	214	514
2013	288	262	550
2014	166	122	288
2015	450	306	756
2016	372	198	570
Total	1792	1300	3092



The rehabilitation centre functioning in the School of Behavioural Sciences is unique in the country as it is attached to a state university and extend service to the intellectually challenged adults and their family. Presently the various skill training programmes of the centre are coordinated in 2 clusters. Each cluster has strength of 12-14 members. A file making unit functions in one of the cluster under the supervision of a special teacher (and supported by the students attending postgraduate and M.Phil programme in disability studies and special education) which trains the students in office file making. **Each file board is sold at a rate of Rs.14/unit.** The services of the unit have high demand.

The details of files sold are given below

Year	No. of files sold
2012	3996
2013	2837
2014	8256
2015	5847
2016	6684
Total (2012-2016)	27620

Income generated: ₹ 3.86 Lakhs

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad :

Sl. No.	Name of the faculty	Details of visit
1.	Dr. P S Sukumaran,	Resource person, Ramakrishna Mission Vivekananda University, Coimbatore, on February 25 – 27, 2011. (More included in Q No-27)

26. Faculty serving in

a) National committees b) International committees C) Editorial Boards d) any other (please specify)

- a) National committee - Nil
- b) International committee - Nil
- c) Editorial board



Sl. No.	Name of Faculty	Details
1	Dr. P S Sukumaran	<ul style="list-style-type: none"> • Member, Editorial board, Guru Journal of Behavioural and Social Sciences. ISSN:2320-9038 • Review board member, Journal of Disability Management and Special Education. ISSN 2229-5143 • Review board member, Disability, CBR, and Inclusive Development
2	Dr. Rajeev Kumar N	<ul style="list-style-type: none"> • Associate Editor, Guru Journal of Behavioural and Social Sciences, ISSN:2320-9038
3	Dr. P.T Baburaj	<ul style="list-style-type: none"> • Editorial Board member, Culture Society and Law, ISSN: 2348-1250
4	Dr. K. Muhammad Mustaffa	<ul style="list-style-type: none"> • Editorial Board Member – International Research Journal in Psychology – Psychologist in Social Action.
5	Sri. Rajesh E	<ul style="list-style-type: none"> • Editorial board member, Medical Science: http://medicalsecience.pubmedhouse.com/Home.php • Editorial board member International Journal of Physiology and Pharmacology: http://nepjol.info/index.php/IJPP • Editorial board member, Nepal Journal of Epidemiology: http://nepjol.info/index.php/NJE • Editorial board member, International Journal of Brain Research: http://nepjol.info/index.php/IJBR

d) Any other (Membership in Committees)

Sl. No	Name of Faculty	Details
1	Dr. P S Sukumaran	<ol style="list-style-type: none"> 1. Dean, Faculty of Behavioural Sciences, M.G. University 2. Director of Research, Mahatma Gandhi University. 3. Chairman, Grievance Redressal Committee for the affiliated colleges. 4. Member, Academic Council, Mahatma Gandhi University 5. Convenor, Core Committee, B. Ed Special Education, Mahatma Gandhi University. 6. Convenor, Core Committee, M. Ed Special Education, Mahatma Gandhi University. 7. Chairman, Board of Examiners, B Ed and M Ed Special Education, Mahatma Gandhi University. 8. Member, Board of studies,(Behavioural Sciences), M.G. University 9. Member, Standing Committee, Academic Council, Mahatma Gandhi University. 10. Member, Planning Board, Mahatma Gandhi University.



		<ol style="list-style-type: none"> 11. Member, Building Committee, Mahatma Gandhi University. 12. Life Member and Advisory Board Member, Kerala Mandabudhi Kshema Samithi
2	Dr. Rajeev Kumar N	<ol style="list-style-type: none"> 1. Member Indian Association of Clinical Psychology 2. Member, Kerala Manasasthra Parishath 3. Member, Board of studies, (Behavioural Sciences), M.G. University 4. Member, Board of studies, (Psychology) University of Kerala 5. Member, Board of studies, (Pedagogical Sciences), M.G. University 6. Member, Board of studies, Psychology University of Calicut 7. Member, Board of studies, Psychology, Kannur University 8. Member, Board of studies, Life Long Learning, University of Calicut 9. Member, Human Ethics Committee, School of Biosciences, M.G. University 10. Secretary, Alumni, School of Behavioural Sciences, M G University.
3	Dr. P.T Baburaj	<ol style="list-style-type: none"> 1. Member, Board of studies, (Behavioural Sciences), M.G. University 2. Member, UGC-SC/ST Monitoring cell, M.G. University 3. Resource person, Rajagiri College of Social Sciences, Kalamassery 4. Resource person, Cochin University of Science and Technology, Ernakulam 5. Resource person, Sree Sankaracharya Sanskrit University, Kalady
4	Dr. K. Muhammad Mustaffa	<ol style="list-style-type: none"> 1. Member, Board of studies, (Behavioural Sciences), M.G. University. 2. Member, Board of studies, (Pedagogical Sciences), M.G. University. 3. Member, Board of studies, (Behavioural Sciences), Kannur University 4. Chairman, Board of studies, Lifelong learning, University of Calicut 5. Member, Kerala State Higher Education Council, Research committee 6. Special Officer, Department of rehabilitation, University of Calicut 7. Liaison officer for persons with different abilities, M.G. University 8. Honorary Director, Institute of Research in Learning Disabilities, M.G. University 9. Member Editorial Board: International Research Journal on Psychology 'Psychologist' in Social Action' Calicut University.
5	Sri. Rajesh E	<ol style="list-style-type: none"> 1. Member, Board of Studies, (Behavioural Sciences), M.G. University



		<ol style="list-style-type: none"> 2. Member, P.G.Board of Studies,(Pedagogical Sciences), M.G. University 3. Member, Board of Studies, (Behavioural Sciences), Kannur University
6.	Smt. Rincymol Mathew	<ol style="list-style-type: none"> 1. Life Member,Trained Nurses Association of India 2. Member, Board of studies,(Nursing-UG&PG), M.G.University 3. Member, Board of studies,(Behavioural Sciences), M.G.University 4. Adhoc inspector, Kerala Nursing Council 5. Programme Officer, NSS M.G. University Campus unit 6. Member, Advisory Board, NSS M.G.University 7. Chairperson, Women’s Gymnasium, M.G.University
7.	Dr. Razeena Padmam	<ol style="list-style-type: none"> 1. Chairperson, ,Board of studies,(Behavioural Sciences)M.G.University 2. Member BOS – Pondicherry Central University. 3. Member BOS –in Psychology, UG&PG, M.G University. 4. Member–University Planning Board, M.G University. 5. Member–University Publication Committee, M.G University 6. Member–ICSSR - 2011 7. Member–UPSC - 2011 8. Member, Board of Studies in Psychology, Mahatma Gandhi University, Kottayam.

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):

HRD Programmes attended by Faculty

Name of the faculty	Details of the programme
Rincymol Mathew, Asst. Professor	<ol style="list-style-type: none"> 1. Attended one day workshop on capacity building for nurse educators organized by Government college of Nursing, Kottayam 2. Attended faculty development programme organised by the University from 30/07/2015 - 12/08/2015 3. Attended UGC sponsored refresher course in Education conducted by, Academic Staff College, Kerala University from 03/02/2015 to 23/02/2015.
Sri. Rajesh. E , Assistant Professor	<ol style="list-style-type: none"> 1. Participated orientation programme conducted by UGC-ASC, Calicut from 09/01/2015 to 06/02/2015. 2. Attended UGC sponsored refresher course in research methodology in social sciences conducted by UGC Human resource development centre, University of Calicut from 05/08/2015 to 25/08/2015.
Dr.Razeena Padmam, Director (Retired on	<ol style="list-style-type: none"> 1. Attended workshop on facilitating leadership and managerial efficiency organized by St.Xavier’s Institute of Management, Bhuvaneswar from 27th -29th January 11.



31.05.2015)	2. Attended 3 days workshop on “counseling Skills” organized at Tata Institute of Social Sciences, Mumbai from 16-19 May 2011
Dr. Rajeevkumar N, Associate Professor	<ol style="list-style-type: none"> 1. Attended one summer course organized by UGC Staff Academic College, Thiuruvananthapuram. 2. Attended level 1 and 2 workshop on Solution Focused Brief Therapy Organized by The Department of Clinical Psychology, Sri Ramachandra University, Chennai on 3rd – 10th March 2011. 3. Attended workshop on Applications of Projective Assessment held on 13 – 14 at Periyar University, Salam. 4. Participated National Conference on Neuro psychology and Cognitive Neuroscience held at NIMHANS Bangalore on 24th – 26th 2011

Participation in seminars/ conferences

2010 - 2011

Dr.Razeena Padmam, Professor & Director 2010- 2011	1. Attended workshop on facilitating leadership and managerial efficiency organized by St.Xavier’s Institute of Management, Bhuvanewar from 27th -29th January 11.
Prof. Dr. P.S Sukumaran 2010 - 2011	National Level
	1. Resource Person, National Seminar on Inclusive Education for Children with Mental Retardation – An Introspection. Faculty of Disability Management and Special education, Ramakrishna Mission Vivekananda University, Coimbatore, on February 25 – 27, 2011.
	State level
	2. Resource person, Seminar on Analysis and Interpretation of Data. Government College of Nursing, Medical College, Kottayam. 02.07.2010.
	3. Resource Person, Seminar on Learning Disability. SVGV Training College, Aranmula. 17.07.2010.
	4. Resource Person, Seminar on Behaviour Modification. Mispah Special School, Kayamkulam. 21.07.2010.
	5. Resource Person, Seminar on Special Education Research. Nirmala Sadan Training College for Special Education, Muvattupuzha. 06.10.2010.
	6. Resource Person, Seminar on Special Education Research. Nirmala Sadan Training College for Special Education, Muvattupuzha. 20.11.2010.
7. Resource Person, Seminar in connection with World Disability Day on the topic, Role of Parents in the Education of Children with Disabilities. SSA Block Resource Centre, Ettumanoor. 03.12.2010.	
8. Resource Person, Seminar on Mental Retardation, in connection with National Day of Persons with Mental Retardation. St.	



	<p>Joseph Training College, Mannanam. 08.12.2010.</p> <p>9. Resource Person, Refresher Course in Education. Handled a session on Special Education. Academic Staff College, University of Kerala, Kariavattom. 13.12.2010.</p> <p>10. Delivered Keynote address in the Silver Jubilee Celebration of Nirmala Sadan Training College for Special Education, Muvattupuzha, on 05.01.2011.</p> <p>11. Resource Person, Seminar on Statistics in Special Education. Janey College of Allied Health, Eeroor, Thripunithura, on 17.02.2011.</p> <p>12. Resource Person, Seminar on Research in Special Education. Sneha Sadan College of Special Education, Ankamali, on 19.02.2011.</p> <p>13. Resource Person, Seminar on Mental Retardation. Navatheeram Trust, Thodupuzha, on 25.02.2011.</p> <p>14. Resource Person, Seminar on Special Education. Titus II Teachers College, Thiruvalla, on 01.03.2011</p>
<p>Mr. Rajesh E. Asst. Professor 2010-2011</p>	<p>1. Participated the One day national seminar on Management of Learning Disabilities held on 22nd March 2011 at SCS Auditorium, M.G.University Campus.</p>
<p>Ms. Rincymol Mathew Asst. Professor 2010-2011</p>	<p>1. Participated in National workshop on research in education from 3-9 April 2011 at Mount Carmel Teachers Training College, Kottayam</p> <p>2. Participated as resource person in the in-service education – Portfolio 2011 on the theme –Quality Assurance through Evidence Based Education organised at Caritas College of Nursing, Thellakom on 07/07/2011</p> <p>Resource Person, National Seminar on Challenges of Inclusive Education. School of Behavioural Sciences, Mahatma Gandhi University. 26.03.2013.</p>
<p>Dr.Razeena Padmam, Professor & Director 2011 - 2012</p>	<p>1. Attended 3 days workshop on “counselling Skills” organized at Tata Institute of Social Sciences, Mumbai from 16-19 May 2011</p>
<p>Prof. Dr. P.S Sukumaran 2011 - 2012</p>	<p>National Level</p> <p>1. Resource Person, Two day Seminar ‘Summit of Mind’, South Zone Regional Committee of Rehabilitation Council of India on Issues in Inclusive Education. Aluva, 27 – 28, February 2012.</p> <p>State level</p>



	<ol style="list-style-type: none"> 2. Chairman, Open Defence and Public Viva voce of Ph D Thesis. Department of Education, University of Kerala, Thiruvananthapuram. 23.05.2011. 3. Resource Person, Seminar on Education of Children with Special Needs. Saraswathi Vidya Mandir, Kunnukara, Aluva, on 25.05.2011. 4. Resource Person, Seminar in connection with the Anniversary of Self Help Groups of Thiruvalla, on 28.08.2011. 5. Convened One Day Curriculum Revision Workshop on B Ed Special Education (Mental Retardation). Mahatma Gandhi University, Kottayam. 14.09.2011. 6. Resource Person, Seminar on Values in Education, Technical School Teachers' Conference. YMCA Aluva, on 23.09.2011. 7. Resource Person, Seminar on Research Proposals. Nirmala Sadan Training College for Special Education, Muvattupuzha. 24.09.2011. 8. External Subject Expert, Doctoral Committee Meeting. School of Gandhian Thought and Developmental Studies, Mahatma Gandhi University, Kottayam, on 04.11.2011. 9. Resource Person, Seminar on Mental Retardation. Navatheeram Rehabilitation Centre, Thodupuzha, on 31.03.2012.
<p>Dr.Rajeev Kumar N, Asso. Professor 2011-2012</p>	<ol style="list-style-type: none"> 1. Attended level 1 and 2 workshops on Solution Focused Brief Therapy Organized by The Department of Clinical Psychology, Sri Ramachandra University, Chennai on 3rd – 10th March 2011. 2. Attended workshop on Applications of Projective Assessment held on 13 – 14 at Periyar University, Salam. 3. Participated National Conference on Neuro psychology and Cognitive Neuroscience held at NIMHANS Bangalore on 24th – 26th 2011 4. Paper presented on “Psychosocial problems of school children- A pilot” study in the National Seminar on Psychological Counselling conducted by Department of Psychology, Govt. College for Women, Thiruvananthapuram on 6th& 7th January 2012. 5. Presented a paper at National Seminar on Child Development Organized by Sree Sankaracharya University of Sanskrit, Kalady, on 22nd & 23rd Feb. 2012 on Impact of Emotional maturity in the perceptions of Parenting among High School Student 6. Paper presented on “Emotional and Behavioural problem among juvenile children” in the Two day UGC sponsored National Seminar on “Stress and well being in adolescents - Role of Psychology” held on 30th and 31st March 2012 organized by Department of Psychology, S.V. University, Tirupati.
<p>Mr.Baburaj P.T, Senior Lecturer 2011-2012</p>	<ol style="list-style-type: none"> 1. P. T. Baburaj. Poster Presentation: UGC sponsored International Educational Meet on Education for Global Excellence. Mar Theophilos Training College, Thiruvananthapuram on 5th -7th January 2012.



<p>Mr. Rajesh E. Asst. Professor 2011-2012</p>	<ol style="list-style-type: none">1. Convenor of International level Special lecture on 2nd January 2012 by Pavan J Antony, Assistant Professor, Adalphi University, U.S.A on the theme (1) International issue, laws and policies in Special Education.(2) Transition issues and children with disabilities.2. Convenor of International level special lecture on 9th January 2012 by Anne M Mungai, Associate Professor, Adalphi University, U.S.A on the theme Multi- cultural Education and comparative education3. Participated the Two day programme on Assistive Technology for Visually Challenged organized by C.H. Muhammed Koya Library, University of Calicut during 21st and 22nd October 2011 at University of Calicut.
<p>Ms. Rincymol Mathew Asst. Professor 2011-2012</p>	<ol style="list-style-type: none">1. Attended workshop on research methodology and statistics organised by IUCDS, Mahatma Gandhi University in association with ICSSR from 13-17 september20112. Participated in National Workshop on Science information literacy and scholarly writing organized by Mahatma Gandhi university library from 17-19 Jan,2012
<p>Dr.Razeena Padmam, Professor & Director 2012-2013</p>	<ol style="list-style-type: none">1. Resource person on the topic-Micro Skills in Counseling –2. Faculty Improvement Programme. organized at Trissur Engineering College, August 10th 2012,
<p>Prof. Dr. P.S Sukumaran 2012 - 2013</p>	<p>National Level</p>
	<ol style="list-style-type: none">1. Chairman, Open Defence and Public Viva voce of Ph D Thesis at Gandhigram Rural University, Tamil Nadu, on 21.05.2012.2. Resource Person, National Seminar on Challenges of Inclusive Education. School of Behavioural Sciences, Mahatma Gandhi University. 26.03.2013.
	<p>State level</p>
<ol style="list-style-type: none">1. Chaired Core Committee Meeting on M Ed Special Education Curriculum Revision. Mahatma Gandhi University, Kottayam, on 11.04.2012.2. Resource Person, In-service Special School Teacher Training Programme. S H Generallate, Kottayam, on 09.05.2012.3. Resource Person, Workshop on Scholastic Backwardness, Learning Disability and Mental Retardation. Homoeo Medical College, Kurichi, on 23.07.2012.4. Attended Conference on Vocational Training and Employment of Persons with Disabilities. Organized by State Commissioner, Persons with Disabilities Act, 1995, Thiruvananthapuram, on 07.09.2012.5. Resource Person, Seminar on Education and Rehabilitation of Children with Mental Retardation. Organized by State Institute	



	<p>for the Mentally Challenged at Calicut, on 28.10.2012.</p> <ol style="list-style-type: none"> 6. External Subject Expert, Selection Committee for the Up gradation of UGC Junior Research Fellowship to UGC SRF. University of Kerala, Thiruvananthapuram on 29.10.2012. 7. Resource Person, Seminar on Learning Disability. Inter University Centre for Disability Studies, Mahatma Gandhi University, on 30.10.2012. 8. External Subject Expert, Doctoral Committee Meeting. School of Gandhian Thought and Developmental Studies, Mahatma Gandhi University, Kottayam, on 16.11.2012. 9. Resource Person, Sitting of M K Jayaraj Commission on Mental Retardation, Kottayam, on 27.11.2012. 10. Resource Person, Workshop for Homoeo Doctors on Management of Learning Problems of Children with Scholastic Backwardness, Learning Disability and Mental Retardation. Thodupuzha, on 12.12.2012. 11. Resource Person, Workshop on Management of Mental Retardation. State Resource Centre, MHRD, Government of India, Thiruvananthapuram. 19.01.2013. 12. Resource Person, Continuing Rehabilitation Education Programme. State Institute for the Mentally Challenged, Thiruvananthapuram. 30.01.2013. 13. Resource Person, One day Seminar on Learning Disability. Porukkara College of Education, Champakulam. 08.02.2013. 14. Resource Person, Workshop on Research Methodology and Statistics. TMA Counselling Centre, Ammancherry. 09.02.2013. 15. Resource Person, M Ed Special Education (Mental Retardation) Curriculum Workshop. Department of Education, University of Kerala, Thiruvananthapuram. 07.03.2013. 16. Resource Person, M Ed Special Education (Mental Retardation) Curriculum Workshop. Department of Education, University of Kerala, Thiruvananthapuram. 27.03.2013.
<p>Dr.Rajeev Kumar N, Asso. Professor 2012-2013</p>	<ol style="list-style-type: none"> 1. Presented paper on “Frustration tolerance and Adjustment among Dyslexic students in the International Conference held on 15th to 17th June 2012 organized by TOC H Institute of Sciences &Technology, Ernakulam, in association with the Indian Academy of Applied Psychology. 2. Presented a paper on “Verbal fluency and design fluency of children with dyslexia” in the three day National Conference of Indian School Psychology Association held on 22nd to 24th November 2012 at University of Calicut. 3. Attended a National training seminar on Counselling and Psychotherapy organized by SPSA at Calicut on 23rd – 25th Jan. 2012 4. Attended a National Seminar on Life Style Diseases held in connection with INFOBA 2012 at School of Bio Sciences, M G University on 19-20 Jan. 2012



	<ol style="list-style-type: none">5. Attended a workshop on Rorschach Ink Blot test held on 9 – 11 March 2012 at Sri Rama Chandra University , Chennai6. Participated in a conference on Psychological and social aspects of Atrocities Against Women, organized by School of Behavioural Sciences, Mahatma Gandhi University, Kottayam on 31st January 2013.7. Presented a paper on Emotional and Behavioural problems among children of Juvenile Homes, Slums, and Rural setting at the International Conference on protection of Child rights: Issues and challenges, on 18 – 20 Jan 2013 organised by department of Psychology, Pondicherry University.8. Delivered a session on “Classroom Management of Students with Dyscalculia” in the one day seminar on classroom management of students with Learning Disabilities conducted by school of Behavioural Sciences in association with Ys Men’s Club, Kottayam on 23rd January 2013.9. Participated national workshop on statistics for Psychological research held on 4th & 5th January 2013 at Women’s College, Thiruvananthapuram.
<p>Dr. Baburaj P.T, Senior Lecturer 2012 - 2013</p>	<ol style="list-style-type: none">1. P. T. Baburaj and Priyachandra K. Paper Presented on Emotional Social and Educational Adjustment of students with hearing impairment in Higher Secondary Level. UGC sponsored National Seminar on Education for National and Emotional Integration. St.Thomas College of Teacher Education, Pala on 5th -6th June 20122. P. T. Baburaj and Chothisha K.S. Emotional maturity and marital adjustment of persons with hearing impairment. UGC sponsored National Seminar on Education for National and Emotional Integration. St.Thomas College of Teacher Education, Pala on 5th -6th June 20123. P. T. Baburaj and Vidyamol V. K. Stress among the mothers of hearing impaired children attending Special Schools. UGC sponsored National Seminar on Education for National and Emotional Integration. St.Thomas College of Teacher Education, Pala on 5th -6th June 20124. P. T. Baburaj and Jyothi P. Mental Health of Hearing Impaired Secondary School students. UGC sponsored National Seminar on Education for National and Emotional Integration. St.Thomas College of Teacher Education, Pala on 5th -6th June 20125. P. T. Baburaj and Meenu. Job stress among the teachers of children with hearing impairment. UGC sponsored National Seminar on Education for National and Emotional Integration. St.Thomas College of Teacher Education, Pala on 5th -6th June 20126. P. T. Baburaj and Divya. A study on parent, child interaction among hearing impaired children and visually impaired children.



	<p>UGC sponsored National Seminar on Education for National and Emotional Integration. St.Thomas College of Teacher Education, Pala on 5th -6th June 2012</p> <p>7. P. T. Baburaj . Two International Conferences on inclusion: Understanding children with disabilities to build inclusive communities on January 11-12 2012 at Assumption College, Changanacherry.</p> <p>8. P. T. Baburaj. Two day seminar on learning disability. Organized by IUCDS, Mahatma Gandhi University.</p>
<p>Dr.Elsheba Mathew Lecturer 2012 - 2013</p>	<p>1. UGC sponsored national seminar on Aging and Society: A multidisciplinary Approach, 4-5 October 2012 at St. Teresa's College, Ernakulam.</p> <p>2. Attended two day international seminar on dementia care training organized by ARDSI at Kottayam, Oct 2012.</p>
<p>Mr. Rajesh E. Asst. Professor 2012-2013</p>	<p>1. Participated the International Conference on research methodology and scientific writing held on 21st and 22nd December 2013 at M.G.University as organizer.</p>
<p>Rincymol Mathew, Asst. Professor 2012 - 2013</p>	<p>1. Attended the International Seminar on Evidence Based Practice in Nursing & EBP in simulation on 8th March 2013 organized by University College of Nursing, Thalappady.</p> <p>2. Attended Dementia Care Training Programme on 6&7 of July 2012 at Mount Carmel Teachers Training College, Kottayam in association with Bangor University, UK and Institute for Person Centred Approaches in India.</p> <p>3. Resource Person, ELIXIR- 2012 "Aligning Nursing Education with Nursing, Practice" on 15th December 2012.</p> <p>4. Attended workshop on Capacity building, for nurse educators on 17th August 2012.</p> <p>5. Attended UGC sponsored National Seminar on Aging & Society: A Multidisciplinary Approach conducted by St. Teresa's College, Ernakulam on 5th October 2012.</p> <p>6. Attended the CME on Applied statistics in clinical research organized by Govt. College of Nursing, Kottayam from 17-18 January 2013</p> <p>7. Participated in the Translator's Orientation programme from 13-16 February 2013 organized by National Translation Mission</p> <p>8. Participated and chaired a session in the National Conference of Indian society of Psychiatric Nurses organized by West fort College of Nursing from 25-27 MARCH 2013</p> <p>9. Paper presented "Identification and Management of Dyslexia" Seminar on Learning Disabilities organized by School of Behavioural Sciences in Collaboration with Y's Men's Club, Kottayam. 23.1.2013.</p> <p>10. Participated in the International conference on Global public Health and social work during 3-5 January 2013 organized by</p>



	<p>Rajagiri Institute of Social Sciences, Cochin, Kerala.</p> <ol style="list-style-type: none"> 11. Attended Orientation and sensitization programme on Management and empowerment of person with multiple disabilities' organized by NIEPMD in collaboration with Inter University Centre for Disability Studies(IUCDS), M.G University, Kottayam on 13th September. 12. Participated the Two day International Workshop on Search, Research, Present and Publish as organizer during 12th and 13th August 2013.
<p>Dr. Razeena Padmam, Director 2013 - 2014</p>	<ol style="list-style-type: none"> 1. Meeting of Experts panel on Disability- Govt. of Kerala on 3.12.2013. 2. Attended the workshop on "GFATM- Project Experience" from 10.6.2013 to 13.6.2013 organized Tata Institute of Social Sciences, Mumbai'
<p>Prof. Dr. P.S Sukumaran 2013 - 2014</p>	<p>National Level</p> <ol style="list-style-type: none"> 1. Resource Person, National Seminar on Mental Retardation – Empowering Professionals for Better Service. Nirmala Sadan Training College for Special Education, Muvattupuzha. 20 – 21, May, 2013. 2. Attended International Workshop on Building up Research. School of Behavioural Sciences, Mahatma Gandhi University. 12 – 13, August, 2013. 3. Attended, International Conference on Research Methodology and Scientific Writing. School of Behavioural Sciences, Mahatma Gandhi University. 20 – 21, December, 2013. 4. Attended "Summit of Mind" – National Conference of Rehabilitation Professionals. Rehabilitation Council of India, New Delhi. 7 – 8, February 2014 5. Resource Person, National Curriculum Workshop on Mental Retardation. SCERT, Thiruvananthapuram. 17 – 18, April 2013.
	<p>State level</p> <ol style="list-style-type: none"> 6. Resource Person, M Ed Special Education (Mental Retardation) Curriculum Workshop. Department of Education, University of Kerala, Thiruvananthapuram. 15.04.2013. 7. Resource Person, One day Seminar on Special education. St Joseph's Training College, Mannanam. 09.05.2013. 8. Resource Person, Conference on Education of Children with Special Needs. DIET, Ernakulam. 20.06.2013. 9. Resource Person, Curriculum Workshop on Mental Retardation. SCERT, Thiruvananthapuram. 11 – 12, July 2013. 10. Resource Person, One day Seminar on Parent Involvement in the Education of Children with Mental Retardation. Deepthi DCMR Special School, Theekoy. 26.07.2013. 11. Resource Person, One day Seminar on Role of Special Teachers



	<p>in the Rehabilitation of the Mentally Challenged. District Special Teachers Association, Pathanamthitta. 05.09.2013.</p> <p>12. Resource Person, Conference on Rehabilitation of Students with Mental Retardation. Department of Social Work, K. E. College, Mannanam. 18.10.2013.</p> <p>13. Resource Person, Conference on Inclusive Education. DIET, Thiruvalla. 11 – 12, November 2013.</p> <p>14. Resource Person, Conference on Inclusive Education Project. DIET, Thiruvalla. 15.03.2014.</p> <p>15. Resource person, Curriculum Workshop on Mental Retardation. State Resource Centre, Thiruvananthapuram. 19.03.2014.</p> <p>16. Resource Person, Seminar on Issues in the Education of Children with Mental Retardation. Special Educators Association, Kozhikode. 22.03.2014.</p>
<p>Dr. Rajeev Kumar N. Associate Professor 2013-2014</p>	<ol style="list-style-type: none"> 1. Paper presented on Impact of M.R on Family, in the International conference on Research Methodology and scientific writing organized by School of Behavioural Sciences and Confederation of Epidemiological Association held on 21st and 22nd December 2013. 2. Presented a paper on Stress among Clergy, in the International conference on Research Methodology and scientific writing organized by School of Behavioural Sciences and Confederation of Epidemiological Association held on 21st and 22nd December 2013. 3. Presented a paper on Emotional and behavioural problems of children of orphanage in Kerala, in the International conference on Research Methodology and scientific writing organized by School of Behavioural Sciences and Confederation of Epidemiological Association held on 21st and 22nd December 2013. 4. Presented a paper on Use of social media to explore the professional issues in the field of clinical psychology, in the International conference on Research Methodology and scientific writing organized by School of Behavioural Sciences and Confederation of Epidemiological Association held on 21st and 22nd December 2013. 5. Chaired two sessions in the International conference on Research Methodology and scientific writing organized by School of Behavioural Sciences and Confederation of Epidemiological Association held on 21st and 22nd December 2013. 6. Participated and presented a paper on stress among clergy in the Indian Orthodox Church in the UGC sponsored National Conference on enhancing Psychological well being held at department of psychology Bharathiar University, Coimbatore on 20-21 Feb. 2014.



	<ol style="list-style-type: none">7. Attended UGC sponsored National Workshop on Research methodology for academic Research held at School of Gandhian studies, MG University on 3rd to 7th Feb. 20148. Attended a two days workshop on mental Health Problems in Mental retardation, Identification and management held on 26- 27 Feb2014. Organized by Department of Clinical Psychology Sri Ramachandra University, Chennai.9. Attended a two days workshop on Family and Marital Therapy held on 10-12 Oct. 2014. Organized by Department of Clinical Psychology Sri Ramachandra University, Chennai.
Dr. Baburaj P.T, Senior Lecturer 2013 - 2014	<ol style="list-style-type: none">1. P. T. Baburaj. Attended and presented papers on UGC sponsored National Seminar on “Learning disability” No child left behind. On 27-28 June 2013.2. Participated in the two day International conference on “current Trends in Public Health and Hospital Administration” modulation January 2014 by Divisional Health management, University College of medical education, M.G University, Kottayam.
Dr. K.M Muhamed Mustaffa Asst. Professor 2013 - 2014	<ol style="list-style-type: none">1. International conference on Research Methodology and scientific writing organized by School of Behavioural Sciences and Confederation of Epidemiological Association held on 21st and 22nd December 2013.
Mr. Rajesh E. Asst. Professor 2013-2014	<ol style="list-style-type: none">1. Participated the Two day International Workshop on Search, Research, Present and Publish as organizer during 12th and 13th August 2013.
Rincymol Mathew, Asst. Professor 2013-2014	<ol style="list-style-type: none">1. Presented paper on ‘Emotional intelligence and perceived stress on B Sc Nursing students’. In the International Conference on Research Methodology and Scientific Writing. School of Behavioural Sciences and Confederation Epidemiological Associations, Kottayam. 21.12.2013.2. Presented paper on ‘Hyper tension- the health risk concern’. International Conference on Research Methodology and Scientific Writing. School of Behavioural Sciences and Confederation Epidemiological Associations, Kottayam. 21.12.2013.3. Organized ‘World Health day’ observation on 7th April 2013 at School of Behavioural Sciences, M.G University.4. Presented paper on the application of Evidence based Nursing – Seminar on Nursing Practice - University College of Nursing, Gandhinagar.5. Invited talk on Therapeutic Communication, delivered at Govt. College of Nursing, Kottayam.21.12.2013.6. Organized International Workshop on Building up Research, 11-13, August, 2013.



<p>Prof. Dr. P.S Sukumaran 2014 - 2015</p>	<p>National Level</p>
	<ol style="list-style-type: none"> 1. Resource Person, National Seminar on Inclusive Education – an Imperative for Learning to Live Together. Titus II Teachers College, Thiruvalla. 9 – 10, October 2014. 2. Chaired Paper Presentation Session in the National Seminar on ‘Ageing Gracefully – a Multidisciplinary Perspective’. School of Gandhian Thought and Developmental Studies, Mahatma Gandhi University. 24.11. 2014. 3. Presented Paper in the National Seminar on Paradigms of Educational Research for the 21st Century: Equipping Gen Next with Reflective Approaches. Avila College of Education, Edakochi. 05.12.2014 4. Resource Person, National Workshop on Quantitative Research and Data Analysis. Government College of Teacher Education, Thiruvananthapuram. 16.12.2014. 5. Resource Person, National Seminar on Education of Children with Intellectual Disability – Problems and Prospects. NSS Training College, Ottapalam. 06.02.2015 6. Resource Person, National Seminar on New Perspectives on Inclusive Education of Children with Special Needs. DIET, Wayanad, Sultan Bathery. 27.03.2015.
	<p>State level</p>
	<ol style="list-style-type: none"> 1. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 11.04.2014. 2. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 24.04.2014. 3. Resource person, Workshop on Rehabilitation of Individuals with Mental Retardation. State Resource Centre, Thiruvananthapuram. 25.04.2014. 4. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 5 – 6, May 2014. 5. Resource person, Workshop on Rehabilitation of Individuals with Mental Retardation. State Resource Centre. Kozhikode. 23.05.2014. 6. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 17.06.2014. 7. Resource Person, Seminar on Research in Disabilities. IUCDS, Mahatma Gandhi University. 29.08.2014. 8. Resource Person, Curriculum Workshop on Mental Retardation. SCERT, Thiruvananthapuram. 20.09. 2014. 9. Resource Person, One day Seminar on Enhancing Parental Involvement in Special education. Holy Cross Special School, Mannackanad. 23.09.2014. 10. Resource Person, ‘Inspire – an Investigation in to the Rehabilitation of the Mentally Challenged’. State Institute for the



	<p>Mentally Challenged. Malappuram. 25.10.2014.</p> <ol style="list-style-type: none">11. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 30.10.2014.12. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 21.11.2014.13. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 1 – 2, December 2014.14. Organized one day Seminar on National Trust Act, 1999 for the Parents of Individuals with Autism, Cerebral Palsy, Mental retardation and Multiple Disabilities. School of Behavioural Sciences, Mahatma Gandhi University. 15.12.2014.15. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 30 – 31, December 2014.16. Resource Person, VHSE Curriculum Workshop. SCERT, Thiruvananthapuram. 14.01.2015.17. Resource Person, Symposium on Issues of Mentally Challenged. State Institute for the Mentally Challenged, Thiruvananthapuram. 22.01.2015.18. Convened an Orientation Seminar on New Regulations of Rehabilitation Council of India and National Council of Teacher Education for B Ed Special Education. School of Behavioural Sciences, Mahatma Gandhi University. 05.02.2015.19. Resource Person, One day Seminar on Education of Differently Abled Children – Redefining the Role of Teacher Educators. St. Mary’s College of Teacher Education, Thiruvalla. 13.03.2015.20. Resource Person, Seminar on Education of Children with Intellectual Disability. National College for Teacher Education, Vengola, Perumbavoor. 25.03.2015.
<p>Dr. Rajeev Kumar N. Associate Professor 2014-2015</p>	<ol style="list-style-type: none">1. Delivered a talk on Psychology in 21st century at the Microbiological Conference organized by department of Microbiology, SME, held on 8th April 2015 at assembly hall M.G. university
<p>Dr. Baburaj P.T, Senior Lecturer 2014 - 2015</p>	<ol style="list-style-type: none">1. Attended three days International Symposium on “Assistive Technology for Rehabilitation and Management” on 2-4 December 2014 at Thiruvananthapuram.2. Paper presented on ‘Knowledge and attitude of Adolescent girls on sex education’. National Seminar on paradigms of educational research for the 21st century equipping gen next relative approaches on 5th and 6th December 2014.3. Resource Person in the 25th anniversary of UNCRC seminar on 15.12.2014 at BCM College, Kottayam.4. Documentary film ‘titled Retrofit car kit for physically Challenged’ presented in the three-day International Symposium5. Resource person for One day parents training programme for the



	<p>mentally challenged at Kollappilly, Pala on 20.12.2014.</p> <ol style="list-style-type: none"> 6. Resource Person: One day parents Training at Santhi Niketan Special School for mentally challenged, Anthinad, Pala on 10.02.2015 7. Presented paper on International ‘Ear care day on 03.03.2015 at School of Behavioural Sciences, at School of Behavioural Sciences. 8. Presented paper by Priyachandra K and Dr. P.T Baburaj on Cochlear Implantation. International conference on “current Trends in Public Health and Hospital administration ‘Medilian 2015’ organized by Division of Health Management, School of Medical Education, Mahatma Gandhi University, Kottayam on 26th o- 27th March 2015.
<p>Mr. Rajesh E. Asst. Professor 2014-2015</p>	<ol style="list-style-type: none"> 1. Organized as Co-ordinator, Sree Narayana Guru Chair, Inauguration of the Sree Narayana Guru Chair on 5th May 2014 at Assembly Hall, Mahatma Gandhi University. 2. Organized as Co-ordinator, Sree Narayana Guru Chair, Speech on Daivdashakom and Recitation of Guru Deva’s Poetry at Kavi Kumara Mandir, Auditorium, Nagambadom on 27thMay 2014. 3. Organized as Co-ordinator, Sree Narayana Guru Chair, One Day State Level Silpasala on Personality Development for children held on 2nd August 2014 at School of Biosciences Auditorium, M.G.University. 4. Organized as Co-ordinator, Sree Narayana Guru Chair, Speech on Daivdashakom and Recitation of Guru Deva’s Poetry at Neendoor Sree Narayana Auditorium on 24th August 2014. 5. Organized as Co-ordinator, Sree Narayana Guru Chair, Daivdashakom Rachana Varshikam Centenary Speech at Assembly Hall, Mahatma Gandhi University on 17thNovember 2014. 6. Organized as Co-ordinator, Sree Narayana Guru Chair, Book Review and Discussion on the book “Sree Narayana Guru Dev: The Maharshi who made Advaita a Science, written by G.K.Sashidharan (Former Vice-Chancellor, University of Calicut) held at School of Gandhian Thought and Development Studies, Auditorium, Mahatma Gandhi University on 30thMarch 2015. 7. Participated in short course on Fundamentals of Biostatistics, Principles of Epidemiology and SPSS held during March 16-20, 2015, organized by Dept of Biostatistics, CMC, Vellore.
<p>Rincymol Mathew, Asst. Professor 2014 – 2015</p>	<ol style="list-style-type: none"> 1. Participated in the two days workshop on Graceful and meaningful ageing for senior citizens on 17th18th October 2014, at School of Gandhian Thought and Development Studies, M.G. university



	National Level
	<ol style="list-style-type: none">1. Resource Person, National Conference on ‘Vision – 2020 – Total Mainstreaming of Intellectually Challenged’. State Institute for the Mentally Challenged, Thiruvananthapuram. 22.04.2015.2. Attended National Seminar of International Researchers of Indian Origin. St. Joseph Training College, Mannanam. 04.12.2015.3. Resource Person, International Seminar on Inclusive Education – Prospects and Challenges. St. John the Baptist’s College of Special Education, Nedumkunnam. 27.01.2016.
Prof. Dr. P.S Sukumaran 2015 - 2016	State level
	<ol style="list-style-type: none">4. Convened Core Committee Meeting of B Ed Special Education (Mental Retardation) for the Curriculum Revision. School of Behavioural Sciences, Mahatma Gandhi University. 23.04.2015.5. Resource Person, Seminar in connection with Down Syndrome Day. Alan Foundation, Changanchery. 06.06.2015.6. Convened Core Committee Meeting of M Ed Special Education (Mental Retardation) for the Curriculum Revision. School of Behavioural Sciences, Mahatma Gandhi University. 24.06.2015.7. Organized one day Orientation Programme for Research Scholars. School of Behavioural Sciences, Mahatma Gandhi University. 25.06.2015.8. Resource Person, Curriculum Workshop on M Ed Special Education (Mental Retardation). Department of Education, University of Kerala, Thiruvananthapuram. 30.06.2015.9. Delivered Inaugural Address, Workshop on ‘Novum Scientia on Creating a New Culture of Teaching and Learning’. Government College of Nursing, Kottayam. 25.07.2015.10. Resource Person, One Day Seminar on Special Education. Teacher Training Institute, Chalakudy. 05.08.2015.11. Resource Person, Workshop on Research Methodology and Statistics. K V M College of Special Education, Cherthala. 07.09.2015.12. Convened a Symposium on Restructured Curriculum of B Ed Special Education (Intellectual Disability). School of Behavioural Sciences, Mahatma Gandhi University. 10.09.2015.13. Resource Person, Workshop on Research Methodology and Statistics. IUCDS, Mahatma Gandhi University. 16.09.2015.14. Chief Guest, Felicitation to Winners of Paralympics. Holy Cross Special School, Mannackanad, Kuravilangad. 19.09.2015.15. Resource Person, Expert Committee Meeting on Research Project on Mental Retardation. Convened by Chief Minister, Secretariat, Thiruvananthapuram. 21.10.2015.16. Resource Person, One Day Seminar on Rehabilitation of the Differently Abled. Mispah Pariseelana Kendra, Kayamkulam. 20.11.2015.



	<ol style="list-style-type: none"> 17. Resource Person, Silver Jubilee Seminar of Marion Play Home-Special School for the Children with Mental Retardation, Mannanthala, Thiruvananthapuram. 28.11.2015. 18. Resource Person, In service Training and Sensitization of Key Functionaries of Central and State Government, Local Bodies and Other Service Providers. State Institute for the Mentally Challenged, Thiruvananthapuram. 02.12.2015. 19. Chief Guest, Convocation of Diploma in Special Education (Autism). Kusumagiri Training Institute for Special Education, Kakanad, Ernakulam. 25.01.2016. 20. Resource Person, Seminar on Indian Perspectives of Education. Saraswati Vidya Mandir, Kunnukara. 13.02.2016. 21. Convened Meeting of Researchers' Forum. School of Behavioural Sciences, Mahatma Gandhi University. 26.02.2016. 22. Convened Parent Teacher Association Meeting. School of Behavioural Sciences, Mahatma Gandhi University. 08.03.2016. 23. External Subject Expert, Assessment Committee for the Up gradation of UGC JRF to UGC SRF. University of Kerala, Thiruvananthapuram. 07.04.2016. 24. Chaired the Board of Studies Meeting, School of Behavioural Sciences, Mahatma Gandhi University. 13.04.2016. 25. Resource Person, Seminar on Statistical Analysis. Department of Psychology, Jointly organized by K E College, Mannanam and School of Behavioural Sciences, Mahatma Gandhi University. 22nd & 25th April 2016. 26. Chaired Curriculum Workshop. School of Behavioural Sciences, Mahatma Gandhi University. 28th & 29th April 2016. 27. Chaired the Board of Studies Meeting. School of Behavioural Sciences, Mahatma Gandhi University. 29.04.2016. 28. Convened University Research Committee Meeting, Mahatma Gandhi University. 11.05.2016.
<p>Dr. Rajeev Kumar N. Associate Professor 2015-2016</p>	<ol style="list-style-type: none"> 1. Served as a resource person in the national Seminar on Professionalizing Psychology in India organized by Department of Psychology K.E. College, Kottayam on 17-19 Sept. 2015 2. Presented a paper on Creative thinking and imaginary thinking of Learning Disabled and slow Learners in the two day National Conference on Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015. 3. Presented a paper on Disability and Rehabilitation. in the two day National Conference on Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015. 4. Delivered a talk on behavioural assessment and Social skills of person with disabilities at Sanjose Vidhyalaya, Ettumanoor, Kottayam on 15/12/2015



	<ol style="list-style-type: none">5. Attended the three days workshop on clinical Hypnosis; basic and beyond organized by department of clinical psychology Sri Ramachandra University Chennai on 12-14 June 2015.6. Delivered a talk in the training programme on independent living for persons with PDD held at Pratheeksha training centre, Thrissur on 6/01/20167. Attended two days national seminar on relevance of Yoga in modern life organized by centre for yoga and naturopathy M G University on 18-19 March 2016
Dr. Baburaj P.T, Senior Lecturer 2015 - 2016	<ol style="list-style-type: none">1. Organized Two day National Conference on 'Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015.2. Presented paper by Daisy Philip and Dr. P.T Baburaj on Knowledge of Hearing Impaired Adolescent Girls on Sex Education. Two day National Conference on Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015. IUCDS, Mahatma Gandhi University.3. Presented paper by Chothisha K.S and Dr. P.T. Baburaj on Advancement of Assistive Devices for physically challenged. Two day National Conference on Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015. IUCDS, Mahatma Gandhi University.4. Presented paper by Nisha T.S and Dr. P.T. Baburaj – Evolution of Hearing Aid. Two day National Conference on Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015. IUCDS, Mahatma Gandhi University.5. Presented paper by Dr. P.T. Baburaj and Priyachandra K.- A study on Expectations and academic achievement of children with hearing impairment. Two day National Conference on Models of Best Practices in Rehabilitation for the empowerment of persons with Disabilities on 16-17, October 2015. IUCDS, Mahatma Gandhi University.6. Attended Seminar on 'Persons with Disabilities' organized by Institute for Person Centred Approach, St. Joseph's College, Moolamattom on 25-26, November 2015.7. Organized One day Seminar on 'Access and Empowerment of People with all Disabilities' on World Disability Day (3.12.2015).8. Attended Seminar on 'Persons with Disabilities' organized by Institute for Person Centred Approach, St. Joseph's College, Moolamattom on 25-26, November 2015.
	<ol style="list-style-type: none">1. Presented paper on Models of best practices in the National Conference organized by National Institute of Empowerment of Persons with Disabilities, IUCDS and School of Behavioural



<p>Dr. K.M Muhamed Mustaffa Asst. Professor 2015 - 2016</p>	<p>Sciences on 16-17, September 2015.</p> <ol style="list-style-type: none"> 2. Coordinated Two Weeks Continuing Rehabilitation Education Refresher Course on Braille from 26.09.2015 – 10.10.2015. 3. Presented a Project on Exclusive tendency in Inclusive Education, at Sarva Siksha Abhiyan (SSA), Govt. of Kerala on 07.10.2015. 4. Presented theme paper in the observation of World Deaf Day on 11.10.2015. 5. Delivered Extension Lecture at University of Calicut, organized by Dept. of Life Long Learning and Extension on 17.10.2015. 6. Paper presented on Trends and Development in Sign Language Interpretation, at the Seminar held on 10.11.2015 in the School of Behavioural Sciences. 7. Presented paper by Dr. Arya Mohan and Dr. Muhamad Mustaffa. On An analytical study on the effect of Homoeopathic Medicines in the management of conduct disorders. International Conference on Standards and Benchmarks for excellence in learning, teaching and research, organized by All India Association for Educational Research, Dept. of Education, University of Kerala, Thiruvananthapuram, 26-28, November, 2015. 8. Presented paper by Gayathri Devi M.S and Dr. Muhamad Mustaffa on Awareness and attitude of students of M.G University towards the persons with Disabilities and their special needs. International Conference on Standards and Benchmarks for excellence in learning, teaching and research, organized by All India Association for Educational Research, Dept. of Education, University of Kerala, Thiruvananthapuram, 26-28, November, 2015. 9. Presented paper by Jibin George and Dr. Muhamad Mustaffa on A study on attitude of psychiatrists, clinical psychologists and special educators towards specific learning disabilities. International Conference on Standards and Benchmarks for excellence in learning, teaching and research, organized by All India Association for Educational Research, Dept. of Education, University of Kerala, Thiruvananthapuram, 26-28, November, 2015. 10. Presented paper by Dr. Remya R and Dr. Muhamad Mustaffa on An analytical study on the effect of Homoeopathic Medicines in the Academic achievement of students with specific learning disorders. International Conference on Standards and Benchmarks for excellence in learning, teaching and research, organized by All India Association for Educational Research, Dept. of Education, University of Kerala, Thiruvananthapuram, 26-28, November, 2015.
<p>Mr. Rajesh E. Asst. Professor 2015 - 2016</p>	<ol style="list-style-type: none"> 1. Darshanika seminar held at Elavanthitta on 15-6-2015 2. Shilpasala on Family Integrity in Gurudeva's vision on 3-7-2015 3. Shilpasala on Leadership for children & youth held on 1-8-2015



	<ol style="list-style-type: none">4. Seminar on Gurudeva's vision on Religion held at Press Club Hall, Trivandrum on 16-10-20155. Conducted Shilpasala on Creativity for children & youth held on 31-10-20156. Participated the Three day Workshop on Empowering teachers in mentoring and student counseling organized by School of Behavioural Sciences, M.G. University on 29th,30th &31st March 2016.7. Participated in the one day workshop on NAAC Accreditation Process held at SPAP Auditorium conducted by IQAC of M.G. University on 12thApril 2016.8. Participated in the two day workshop on Curriculum Revision conducted by School of Behavioural Sciences, M.G. University on 28th& 29th April 2016.9. Participated in the one day workshop on Research Methodology: Tool Construction and Test Standardisation on 8th July 2016 conducted by IUCDS, M.G. University.10. Participated in the national level hands-on-training workshop on Structural Equation Modelling [SEM] using IBM SPSS AMOS conducted by Christ University, Bangalore during 2016 September 28-30 at Nodal Office Trivandrum.
<p>Rincymol Mathew, Asst. Professor 2015 - 2016</p>	<ol style="list-style-type: none">1. Delivered a lecture on 'Challenges of Adolescence' for the students of Model Residential School, Ettumanoor on 20.12.2015.2. Acted as Resource Person and took a class on 'Personality Development' for the student police cadets, AJ John Memorial Govt. High School, Thalayolaparambu on 21.12.2015.3. Delivered a lecture on 'Graceful Aging' to the senior citizens, organized Y's Men's Club, Kottayam on 09.10.2015.4. Participated the Three day Workshop on Empowering teachers in mentoring and student counseling organized by School of Behavioural Sciences, M.G.University on 29th,30th &31st March 2016.5. Participated in the one day workshop on NAAC Accreditation Process held at SPAP Auditorium conducted by IQAC of M.G. University on 12thApril 2016.6. Participated in the two day workshop on Curriculum Revision conducted by School of Behavioural Sciences, M.G. University on 28th& 29th April 2016.7. Presented paper in the National Conference organized by National Institute of Empowerment of Persons with Disabilities, IUCDS and School of Behavioural Sciences on 16-17, September 2015.8. Attended two days national seminar on relevance of Yoga in modern life organized by centre for yoga and naturopathy M G University on 18-19 March 2016



28. Student projects

<ul style="list-style-type: none"> Percentages of students who have done in-house projects including inter departmental projects. 	<ul style="list-style-type: none"> 10%
<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with other universities/industry/institute.: 	<ul style="list-style-type: none"> 90% (The research projects are conducted outside the campus. The data are collected from the institutions like special schools, orphanages, destitute homes, jails, juvenile homes, colleges, hospitals, rehabilitation centers, etc.)

29. Awards/recognitions received at the national and international level by

a) Faculty

Name of the faculty	Details
Dr. Razeena Padmam	Mahila Thilakom award instituted by Govt. of Kerala
Dr. P.T Baburaj:	Best poster presentation award in the International Conference on Inclusive Education, Jan 11 & 12, 2012 organized by the Department of social work, Assumption College Changanacherry, Kerala
Ms. Rincymol Mathew:	1. Best poster presentation award in the UGC sponsored National Seminar on Ageing and Society, on 4 & 5 October, 2012 organized by ST. Theresa's College, Ernakulum, Kerala. 2. Best poster presentation award in National Conference on Models of Best Practice in Empowerment of Persons with Disabilities, 16-17, October 2015, jointly organized by the National Institute for Empowerment of Persons with Disabilities, Rehabilitation Council of India, and School of Behavioural Sciences, Mahatma Gandhi University, Kottayam, Kerala
Sri. Rajesh E	Public service award awarded by Confederation of Epidemiological Associations, (CEA) India

b) Doctoral/post-doctoral fellows

Name of the Doctoral / post-doctoral fellows	Details
Dr. Ameer Hassan	Dr. S. Radhakrishnan PDF Fellowship, UGC, New Delhi

c) **Student:** Nil



30. Seminars/Conferences/Workshops organized and the source of funding, (national/international) with details of outstanding participants, if any:

Sl. No	Seminar/Conference/Workshop	Funding agency	Outstanding Participants
1	International Workshop on Building up Research, 11-13, August, 2013. Convenor -Ms. Rincymol Mathew)	M G University	Dr. Jayadevan Sreedharan, Research Division, Gulf Medical University, UAE. Dr. Jayakumari, Gulf Medical University, UAE.
2	International Conference on Research Methodology and Scientific Writing. 20-22, December, 2013. (Convenor – Mr. Rajesh)	ICMR, Govt. of India DST, Govt. of India	Dr. Padam Simkada, University of Sheffield, UK. Dr. Rama C. Nair, University of Ottawa, Canada Dr. R.J Yadav, Director Grade Scientist, ICMR.
3	Symposium on Enhancing Quality of Research. 25.6.2015 (Convenor – Dr. P. S.Sukumaran)	M G University	Dr. Beena Mathew Dr. Roshan Bijlee Dr. Subhadra
4	Workshop on Research Methodology and Statistics. 16-18, September 2016 (Convener - Dr. P. T. Baburaj). Organized through IUCDS.	M G University	Dr. Sarasa Dr. Remani Dr. Shaju Sebastian
5	Two Weeks Orientation Workshop on Braille (English & Malayalam) for General School Teachers in Collaboration with Regional Centre of National Institute for the Visually handicapped, Chennai. 25.09.2015 to 10.10.2015 (Convenor – Dr. K. M. Mustaffa)	M G University	Dr Srinivasan, Associate Professor, NIVH. Mr. Hari, H M., Govt. School for the Blind, Olassa, Kottayam.
6	Workshop on Rorschack-Psychological testing. 28-29, September 2015 (Convenor – Dr. Rajeevkumar N.)	M G University	Dr. Sureshkumar M
7	Workshop on Learning Disability. 15.02.2016 (IUCDS) (Convenor – Dr. P. T. Baburaj)	M G University	Dr. Anilakumar M. C.
8	Workshop on Cognitive Behaviour Therapy. 22-24, March 2013. (Convenor – Dr. Rajeevkumar N.)	M G University	Dr. Prasanth Kumar Roy
9	Empowering Teachers in Mentoring and Student Counselling. 29-31, March 2016. (Dr. Rajeevkumar N)	M G University	Dr. Rangaiah Dr. Girish
10	National Conference on Models of Best Practice in Empowerment of Persons with Disabilities. 16-17, October 2015. (Convenor – Dr. P. T. Baburaj)	National Institute for the Empowerment of Persons with Multiple Disabilities, Chennai.	Dr. Himanshu Das Dr. Rajesh Ramachandran Dr. Jayaraj N. Dr. Neeraja Dr. Dr. K. Balabhaskar Mr. Sankaranarayanan Mr. Nachiketh Rout



11	National Seminar on Management of Learning Disabilities. 22.03.2011. (Convenor – Mr. Rajesh E.)	M G University	Dr. Sany Varghese Dr. V. V. Joseph
12	Workshop on Learning Disability. 28-29, June 2016 (Convenor – Dr. P. T. Baburaj)	M G University	Dr. Roshan Bijlee Dr. sethu Madhavan Dr Suresh Kumar M.
13	Workshop on Curriculum Revision. 28-29 April 2016. (Convenor – Dr. P. S. Sukumaran)	M G University	Dr Elsheba Mathew Dr Sobha Bhat Dr Jayakumar P R Dr Beena Mathew Dr (Sr) Mary Lucita
14	Workshop on BEd Special education Curriculum Revision On 23.04.2015 (Convener Dr. P. S. Sukumaran)	M G University	Dr (Sr) Glory Sr. Jeesa Grace Fr. Johnson Mathew Sr. Divya Mr. Boby Mathew Mr. Jini Dan
15	Workshop on M.Ed Special education Curriculum Revision On 24.06.2015 (Convener Dr. P. S. Sukumaran)	M G University	Dr (Sr) Glory Sr. Jeesa Grace Fr. Johnson Mathew Sr. Divya Mr. Boby Mathew Mr. Jini Dan
16	Seminar on National Trust Act, 1999 and Legal Guardian ship for the parents of individuals with Autism Cerebral palsy mental retardation and multiple disabilities, 15.12.2014(Convener Dr. P. S. Sukumaran)	M G University	Sri.Ajithkumar,IAS Sri.Sureshkumar Sri.P..B.George Sri.Mohandas
17	Orientation Course in Indian Sign Language, 11 th – 13 th November 2015(Convener Dr. Muhammad Mustaffa)	School of Behavioural Sciences	Mr. Rajeevan, ISL, instructor. Sri.Neil,Mumbai
18	Refresher Course on Braille 26.8.2015 – 10.09.2015(Convener Dr. Muhammad Mustaffa)	School of Behavioural Sciences	Prof.Sreenivasan, Dr. Sreepriya.
19	One day Seminar on “Inclusion Matters: Access and Empowerment of People with all Disabilities”. 03.12.2015 (IUCDS). (Convenor – Dr. P. T. Baburaj)	M G University	Mr. Anish Mohan Mr. Mathew Kanamala

31. Code of ethics for research followed by the departments:

Department has a Doctoral Committee and Department Ethics Committee with members selected from various disciplines including Law, for the conduct of research. In addition to this proper conduct of research work is ensured by the Doctoral Committee of the



Department. Each applicant to the research programme is required to present the synopsis which is evaluated by the Department Doctoral Committee. The committee makes a comprehensive evaluation of the relevance and quality of the work and suggest modifications when necessary. Only the work approved by the Committee is submitted for registration. At the commencement of the work itself, an orientation is given to each scholar regarding the work schedule, biennial presentation of progress report, etc. The Supervising teacher ensures that transparency is observed in data collection, analysis and reporting of the research findings. The Supervising teacher also ensures that plagiarism is avoided and the research work is original. In the written report of the research work it is mandatory to attach all relevant documents regarding the tool, consent from the concerned authorities, data collection tool etc. Before the submission of the final research report the student presents the work before public and any objection or suggestions given by the audience are appropriately addressed in the final draft. The guidelines issued by UGC are strictly followed in the registration, conduct and award of research degree.

32. Student profile programme-wise.

2011-12

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Disability Studies and Rehabilitation Sciences.	23	05	06	100	100
M.Sc Psychology	36	03	04	100	100
M.Phil Psychology	26	01	03	100	100
M.Phil Special Education and Rehabilitation Sciences	27	0	4	-	100
M.Phil Behavioural Medicine and Rehabilitation	19	0	03	-	100
M.Phil Behavioural Sciences and Rehabilitation Nursing.	12	01	0	100	0
Ph.D.	31	02	17	NA	NA

**(2012-13)**

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Disability Studies and Rehabilitation Sciences.	26	03	07	100	90
M.Sc Psychology	22	0	03	-	66.66
M.Phil Rehabilitation Psychology	7	01	03	100	100
M.Phil Special Education and Rehabilitation Sciences	6	03	01	100	100
M.Phil Behavioural Medicine and Rehabilitation (PT)	5	0	01	-	100
M.Phil Behavioural Medicine and Rehabilitation (FT)		02	0	50	-
M.Phil Behavioural Sciences and Rehabilitation Nursing.	3	0	02	0	100

(2013-14)

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Disability Studies and Rehabilitation Sciences.	30	06	03	0	33.3
M.Sc Psychology	29	03	04	100	100
M.Phil Rehabilitation Psychology	9	01	03	0	66.66
M.Phil Special Education and Rehabilitation Sciences	9	01	03	100	75
M.Phil Behavioural Medicine and Rehabilitation (PT)	6	02	02	0	100
M.Phil Behavioural Medicine and Rehabilitation (FT)		01	0	100	0
M.Phil Behavioural Sciences and Rehabilitation Nursing.	10	0	04	0	100
Ph.D.	26	04	07	NA	NA



(2014-15)

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MSc Disability Studies and Rehabilitation Sciences.	35	03	02	NA	NA
MSc Psychology	55	0	05	0	100
Ph.D.	24	05	05	NA	NA

(2015-16)

Name of the Programme (refer to question No.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MSc Disability Studies and Rehabilitation Sciences.	34	01	07	NA	NA
M.Sc Psychology	113	0	07	NA	NA
M.Phil Rehabilitation Psychology	07	0	04	100	100
M.Phil Special Education and Rehabilitation Sciences	08	01	02	100	50
M.Phil Behavioural Medicine and Rehabilitation (PT)	05	03	01	NA	NA
M.Phil Behavioural Medicine and Rehabilitation (FT)	06		04	0	75
M.Phil Behavioural Sciences and Rehabilitation Nursing.	06	0	04	0	75
Ph.D.	16	04	07	NA	NA
P.G. Diploma in Indian Sign Language	13	05	07	100	100



33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P G PROGRAMMES				
2010	68	32	-	-
2011	84	16	Nil	Nil
2012	85	15	-	-
2013	62	38	-	-
2014	43	43	-	14
2015	42	58	-	-
2016	-	94	-	6
M. Phil PROGRAMMES				
2010	40	27	27	6
2011	69	23	8	-
2012	69	8	23	-
2013	52	24	24	-
2014	-	-	-	-
2015	58	42	-	-
2016	42	50	8	-
Ph.D PROGRAMMES				
2010	-	-	-	-
2011	30	30	40	-
2012	43	29	14	14
2013	36	28	36	-
2014	-	-	-	-
2015	100	-	-	-
2016	92	8	-	-



34. How many students have cleared Civil Services and Defense Services examination, NET,SET, GATE and other competitive examinations? Give details category-wise–list of students passed:

(2010-16)

Sl.No	Year	NET/ JRF Qualified	GATE	SET	Others
1.	2010-11	-	-	-	-
2.	2011-12	3	-	-	-
3.	2012-13	7	-	-	-
4.	2013-14	7	-	-	-
5.	2014-15	2	-	-	-
6.	2015-16	-	-	-	-
7.	Total	19			

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	25
PG to Ph.D.	10
Ph.D. to Post- Doctoral	100
Employed	
• Campus selection	80
• Other than campus recruitment	80
Entrepreneurs	1

36. Diversity of Staff:

Percentage of faculty who are graduates	
Of the same university	17%
From other universities within the state	66%
From universities from other State from	17%
Universities outside the country	0%



37. Number of faculty who were awarded M.Phil; Ph.D, D.Sc and D.Litt. during the assessment period: 2

Name of the Faculty	Degree awarded	Details
Dr. Muhammad Mustaffa	Ph. D	Vinayaka Mission University, Tamilnadu
Dr.P. T. Baburaj	Ph. D	University of Calicut

38. Present details of departmental infrastructural facilities with regard to

1	Library	Available, 3347 books available (cost:Rs.3203410)
2	Internet facilities for staff and students	Available
3	Total number of class rooms	7
4	Class rooms with ICT facility	4
5	Students' laboratories	2 Psychology lab, Audiology lab
6	Research laboratories	Nil

39. List of doctoral, post- doctoral students and Research Associates

a) From the host institution/university

Doctoral: 26

Guide	Name
Dr. M.S Razeena Padmam, (Rtd.) Director & Professor in Psychology. (Ph.9447040976)	1. Dr.Roshan Bijlee K.N 2. Ms. Sreeja S



Dr. P.S Sukumaran, (Professor& Director) in Special Education (Ph.9495684883)	3. Ms. Sandhya Govindan 4. Manoj R 5. Aby Daniel A 6. Jayani. A 7. Ambady K.G. 8. Dr.Jayakumar P.R
Dr. N Rajeevkumar, Associate Professor in Psychology	9. Ms. Divya Rose Peter 10. Boban Eranimos
Dr.Baburaj P.T, Senior Lecturer. (Ph.9495213248)	11. Ms. Anitha M Thomas 12. Ms. Nisha T.S 13. Ms. Daisy Philip 14. Ms. Priyachandra K 15. Ms. Chothisha K.S 16. Ms. Sulekha A.T 17. Dr. Sunilkumar B.S 18. Jismy Joseph 19. Anjaly K.S 20. Geethakrishnan P.K.
Dr. Muhammad Mustaffa, Assistant Professor.(Ph.9946226638)	21. Mr. Rajesh E 22. Mr. Jibin George 23. Ms. Gayathridevi 24. Mrs. Ambika E.T 25. Manju P. Emmanuel
Dr.Elsheba Mathew, (Rtd Lecturer) (Ph.9495063619)	26. Girija S

b) From other institutions/universities,

Doctoral: 40

Guide	Name
Dr. M.S RazeenaPadmam	1. Dr. Ganga G Kaimal
Dr. P.S Sukumaran, (Professor& Director) in Special Education (Ph.9495684883)	2. Rohini U. K. Nair



<p>Dr. N Rajeev Kumar, Associate Professor in Psychology (Ph.9995041288)</p>	<p>3. Ms. Rakhi Manjooran 4. Ms. Rajani G 5. Ms. Shazia Noorin Bin Zyed Musthafa 6. Dr. Harihara Iyer 7. Dr. Smitha R Menon 8. Ms. Mini Paul 9. Deepa Merin Kuriakose</p>
<p>Dr.Baburaj P.T, Senior Lecturer. (Ph.9495213248)</p>	<p>10. Ms. Shibu Puthenparambil 11. Sindhumol N.T</p>
<p>Dr. Muhammad Mustaffa, Assistant Professor.(Ph.9946226638)</p>	<p>12. Mr. Paul James 13. Sini James</p>
<p>Dr.M.K.Mathew, Associate Professor(Ph.9447112718)</p>	<p>14. Mr. Soney Thomas 15. Ms. Chinchu Rani Vincent 16. Mr. Johnson Joseph 17. Ms. Sajitha S 18. Mr. Suvrad 19. Ms. Hema 20. Ms. Rincymol Mathew</p>
<p>Dr.Agassa K.S (Sr. Mary Lucita) (Ph.9847347445)</p>	<p>21. Mr. Sibin M.B 22. Ms. Haseena T.K 23. Ms. Sherlymol Antony 24. Ms. Yamuna Jose 25. Ms. Simmy M Varkey 26. Ms. Anu George Varghese 27. Ms. Omana M.P 28. Dr. Remani 29. Dr. Sarasa 30. Mrs. Reethamma N.T</p>
<p>Dr.Jayan, Professor (Ph.9446405056)</p>	<p>31. Ms. Nandini M 32. Ms. Suja Mathew 33. Mr. Vipin V. Roldant 34. Ms. Ranjini P.R 35. Ms. Vineetha 36. Ms. Sherly Alex 37. Ms. Shimmy V.S</p>
<p>Dr.Elsheba Mathew, (Rtd Lecturer) (Ph.9495063619)</p>	<p>38. Ms. Mercy Jacob 39. Ms. Nirmal Jose 40. Ms. Tessy Grace Mathew</p>



• **Post-doctoral-1**

Guide	Name
Dr. N Rajeev kumar, Associate Professor in Psychology	Dr. Ameer Hassan

40. Number of post graduate students getting financial assistance from the university:

Period 2010-2016

Fellowship	2010-11 Number	2011-12 Number	2012-13 Number	2013-14 Number	2014-15 Number	2015-16 Number
E grants	19	22	20	20	15	11

41. Was any need assessment exercise undertaken before the development of new programme(s):

If so, highlight the methodology: Yes. Review of available literature, informal and formal discussions with various stakeholders, analysis of the collected information in the department faculty council are done before an academic programme is proposed. The aim and objectives of the course is submitted with the proposed syllabus for approval by academic and administrative sanction.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes. The criticism and suggestions of each faculty with regard to each of the academic programme is presented and discussed in the Department Faculty Council. The recommendations of the faculty council are submitted to the Board of Studies for appropriate actions when necessary.
b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, The feedback received from the students are compiled and discussed in the meeting of Department Faculty Council.
c. Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes, The feedback obtained from the the alumni and employers are presented and discussed in the Department Faculty Council. The suggestions are incorporated in the curriculum when possible with the approval of faculty council .The recommendations of the faculty council are submitted to the Board of Studies for appropriate actions when necessary.



43. List the distinguished alumni of the department (Maximum 10):

SI No.	Name	Current Position
1.	Dr. Babu George	Director, Child Development Centre, Thiruvananthapuram
2.	Dr. Elsheba Mathew	Associate Professor, Pushpagiri Medical college, Thiruvalla
3.	Sr. Gilbert	Secretary, Trained Nurses Association of India,
4.	Dr. Roshan Bijlee	Director, Composite Regional Centre, National Institute of Empowerment of Persons with Multiple Disabilities, Kozhikode
5.	Dr. Sr. Glory	Principal, Nirmala Sadan College of Special Education, Muvattupuzha.
6.	Dr. T. U. Sukumaran	Professor, Pushpagiri Medical college, Thiruvalla
7.	Dr. Savida,	Superintendent, Institute of Child Health, Govt. Medical College, Kottayam.
8.	Dr. Valsamma Joseph	Principal, Govt. College of Nursing, Kottayam
9.	Dr. Sreedevi T. R	Associate Professor, Govt. College of Nursing, Kottayam
10.	Dr. Kumari S. Girija	Principal, NSS Training College, Changanacherry

44. Give details of student enrichment programmes (Special lectures/workshops/seminar):

Involving External Experts classes and seminars are organised regularly. Remedial classes for students who require individual attention are arranged, every day 2 hours are allotted for tutorials. Debates are organised on relevant issues like gender equality, Rights of women etc. Special lectures by eminent persons in the field were organized. Two such lectures are listed below

1. Special lecture on 2nd January 2012 by Pavan J Antony, Assistant Professor, Adalphi University, U.S.A on the theme International issue, laws and policies in Special Education.
2. Special lecture on Project identification by Sri. George Joseph Julian, Senior consultant, SWASTI, Bangalore on 15/03/2013

45. List the teaching methods adopted by the faculty for different programmes.

Lecture, discussion, demonstration, role play, simulation, field visit, and seminars are used for all academic programmes. Flipped class room, use of open source software like Edmodo also are employed to make learning more learner friendly and effective. The



students are sent to the respective clinical area for internship where they will get maximum practical experience to reinforce their theoretical knowledge and to develop required skill.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback is taken from staff and students. Staff and students meet bimonthly to discuss common academic matters. Faculty council meetings are conducted regularly and at request when relevant issues are to be addressed.

47. Highlight the participation of students and faculty in extension activities.

All national and relevant International days are observed organizing special lectures, seminars, poster exhibitions etc.

The various curricular co curricular and extracurricular activities of School focus on extending the services to the community and learning with active involvement in community development. The faculty and students are engaged in disseminating knowledge regarding health promotion, disability prevention, identification and management in the community through the organization of seminars, conduct of invited lectures ,organization of sensitization programmes in the nearby educational institutions, hospitals. etc. A list of such activities is given below.

2011-12	<ol style="list-style-type: none"> 1. Observed world human rights day on organising seminar and debate on the theme Human rights in a democratic society (10/12/2015) 2. Observed white cane day and organised an experience sharing session with teachers of blind school on 15/10/2013 3. Conducted a field visit to Navajeevan Charitable Trust, A voluntary organisation working for the rehabilitation on National Mental Health Day on 10/10/2015 4. Organised poster exhibition in the Neighbouring school on drug addiction on 26/06/2013 5. Conducted an exhibition on assessment of disabilities and rehabilitation of differently abled in connection with the bookfare INBOFA organised by University Main Library (2012)
2012-13	<ol style="list-style-type: none"> 1. Exhibition on Disabilities and Rehabilitation on 03.12.2012 2. Observed the World Deaf day, and organized a screening camp for hearing impairment and distributed hearing aids free of cost to eligible children with support of NISH, Trivandrum on September 2012. 3. One day national conference on “Inclusive Education on 26.3.2013 4. One day Seminar on class room management of students with learning disabilities.



<p>2013-14</p>	<ol style="list-style-type: none"> 1. Organized Seminar on Psychosocial and Legal Aspects of Women Harassment, School of Behavioural Sciences (31.1.2013) for the public 2. One day seminar on autism on 2.4.2013 3. Organised poster exhibition cum seminar on hypertension on 29.9.2013
<p>2014-15</p>	<ol style="list-style-type: none"> 1. Organized Quiz and essay writing competition on vector borne diseases on 7.3.2015 2. Conducted Symposia on AIDS on 1.12.2014 3. Conducted poster exhibitions and role play on control of communicable diseases. 4. Explained and demonstrated hand washing techniques to the inmates and employees of the university crèche. 5. Observed ear care day on 03/03/2015 6. Organised seminar on Physical fitness on 10/03/2015 7. Observed world health day on 7/4/2014 8. Organised seminar on Dementia on 21/09/2015 9. Organised a seminar on technology adaptation for physically disabled persons on 03/12/2014
<p>2015-16</p>	<ol style="list-style-type: none"> 1. Demonstration and role play on World Health Day. 07.04.2015 2. Symposium on World Environment Day. Jointly organized with the Campus Unit of NSS. 05.06.2015. 3. Symposium on Enhancing Quality of Research. 25. 06.2015. 4. Poster Exhibition and Quiz competition on 01.07.2015 observing World Autism Day. 5. Symposium on Behaviour Therapy for Children with Mental Retardation. 15.07.2015. 6. Symposium on Transactional Analysis. 22.07.2015. 7. Symposium on Stress Management. 29.07.2015. 8. Seminar, Multimedia Exhibition and Book Display on 'A P J Abdul Kalam, the Legend'. 6 - 7, August, 2015. 9. Symposium on Introduction to Indian Sign Language. 05.08.2015. 10. Orientation Workshop on Braille – English and Malayalam to General School Teachers. 11. Organized in Collaboration with Regional Centre of the National Institute for the Visually Handicapped, Chennai. 25.09.2015 to 10.10.2015 12. Workshop on Rorschach. 28 – 29, September, 2015. 13. Observation of International Deaf day. 29.09.2015. 14. Symposium on Indian Classical Dance – Effect on Mind and Body. 07.10.2015. 15. Poster Exhibition in connection with Observation of World Mental Health Day. 10.10.2015. 16. Seminar on Trends and Developments in Sign Language Interpretation on 10.11.2015.



	<ol style="list-style-type: none">17. Orientation on Indian Sign Language to Teachers. 12 – 14, November, 2015.18. Organization of Essay Competition and Seminar on 19.11.2015 in connection with National Integration Day.19. Observation of Indian Constitutional Day. 26.11.2015.20. Organization of World AIDS Day on 01.12.201521. One day Seminar on “Inclusion Matters: Access and Empowerment of People with all Disabilities”. 03.12.2015 (IUCDS).22. Identification and Assessment of Learning Problems. Jointly organized with Department of Life Long Learning and Extension.05.12.2015.23. Conduct of Seminar for the general public on 13.12.2015 observing World Disability Day24. Invited Lecture on Rights of the Disadvantaged, by Mrs. Jasmin Alex, Assistant Professor, School of Indian Legal Thought, in connection with Observation of World Human Rights Day. Jointly organized with Campus Unit of NSS.10.12.2015.25. One Day Workshop on Learning Disability. 15.02.2016 (IUCDS).26. Commemoration of World Zero Discrimination Day. 01.03.2016 (IUCDS).27. Two day’s Workshop on Learning Disability. 28 -29, June, 2016 (IUCDS).28. Organised a series extension activities in the community to promote awareness regarding disability and rehabilitation under the programme JOTHIRGAMAYA.29. Organised and conducted medical camps to facilitate early identification of developmental disabilities under the scheme PRATHEEKSHA30. Organised and conducted a series of training programmes for ASHA workers, and parents to enhance skill in rehabilitation of persons with disabilities under the project NAIPUNYA.31. The School of Behavioural Sciences has a counselling centre and vocational rehabilitation centre for adult mentally charged the services of which is extended to the community absolutely free of cost.
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48. Give details of “beyond syllabus scholarly activities” of the department.

The students are given opportunity to visit institutions working in the area of disability rehabilitation. Opportunity is given to interact with experts in the field, postdoctoral fellows of other department and faculty from other universities working in the campus on full bright and other academic schemes, persons who excel in life irrespective of disability, pioneers working in the field of disability etc. Two such activities are given below.



- Convened International level Special lecture on 2nd January 2012 by Pavan J Antony, Assistant Professor, Adalphi University, U.S.A on the theme (1) International issue, laws and policies in Special Education.(2)Transition issues and children with disabilities.(Convener: Mr.Rajesh.E, Assistant Professor).
- Convened International level special lecture on 9th January 2012 by Anne M Mungai, Associate Professor, Adalphi University, U.S.A on the theme Multi- cultural Education and comparative education(Convener: Mr.Rajesh.E, Assistant Professor).

49. State whether the programme/department is accredited/ graded by other agencies? If yes, give details. :

The School has Post Graduate Diploma in Indian Sign Language, which is accredited by the Rehabilitation Council of India, New Delhi

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

A number of research studies are undertaken leading to generation and dissemination of new knowledge in the field of Special education, Rehabilitation and Mental Health.

1. The School has developed many evaluation/assessment tools in the areas of Mental Health, Disabilities and Special education. Selected few are given below:
2. Scale for attitude towards education, 2013
3. Parent involvement in Children's education scale – Parent version, 2013
4. Parent involvement in Children's education scale – Child version, 2013
5. Child rearing practice scale, 2013
6. Quality of life scale of adolescents with mental retardation, 2015
7. Satisfaction inventory for special teachers, 2015
8. Problem inventory for special teachers, 2015
9. Reinforcement related problem inventory for special teachers, 2015
10. Parental expectation questionnaire, 2015
11. Functional ability scale for adults with intellectual disability, 2016
12. Problem assessment scale for adults with intellectual disability, 2016
13. Parental expectation scale, 2016
14. Diagnostic tool for Autism, 2016

The research work is published in journals for dissemination of knowledge. The relevant findings are presented in the Board of Studies meeting of Special Education, education and Behavioural Sciences for necessary action.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

- Multidisciplinary subjects, faculty and students.
- Adequate infrastructural facilities with Wi-Fi connectivity, library, ramps and spacious auditorium.
- Community extension activities and community oriented research activities.
- Qualified and devoted staff, good participation of students in various activities etc .
- Education, training, research and extension in the area of disability detection, prevention and rehabilitation which is emerging area of national concern.

Weaknesses:

- Failure to place successful students in government jobs, as disability rehabilitation till now is not recognized as a prerequisite for any job in government sector.
- Inadequate opportunities for the students to work in colleges or universities, as disability studies is not included as a subject of study in colleges and universities.
- Shortage of model special schools and rehabilitation centers within the university campus to supplement /reinforce practical training.
- Difficulty to get research students with UGC JRF or similar fellowships, as most of the subject areas offered by the School do not come under the tests conducted by UGC or similar agencies.
- The functioning of the academic activities, Vocational Rehabilitation Centre and Counselling Centre are affected due to shortage of teaching and supporting staff .

Opportunities:

- Opportunity to collaborate with non- governmental organizations in the field of disability rehabilitation.
- Opportunity to strengthen the referral unit of psychological testing guidance and counselling services to reach the public effectively.
- Opportunity to facilitate interdisciplinary research work of a big magnitude as the alumni and students are from Modern Medicine, Ayurveda, Homoeo, Nursing, Special education, Rehabilitation Psychology, Clinical Psychology, Social work, General Education, and Physiotherapy.
- Ample opportunity to coordinate team work and joint effort in disability prevention and rehabilitation as the school is the only institution in India which offer M Phil and Ph D level programme in –Special Education and Rehabilitation Sciences, Rehabilitation Psychology, Behavioural Medicine and Rehabilitation, and Behavioural Sciences and Rehabilitation Nursing.
- The school gives ample opportunity as leader in the Faculty of Behavioural Sciences to encourage various institutions to start Teacher education programmes in the field of Special Education.



Challenges:

- To get RCI recognition for all the academic programmes.
- To develop job opportunities for the students.
- To develop literature in the field of disability rehabilitation, special education, and mental health in the regional language.
- Integration of the special education concept in the general education and administration policy is required to attract committed and qualified students to the programme.
- Awareness programmes need to be planned, implemented and supported by the governmental and non-governmental agencies to make people more sensitive towards the problem of disability and facilities available for preventing and rehabilitating differently abled people.

52. Future plans of the department.

1. Strengthen the rehabilitation activities of the present vocational rehabilitation centre.
2. Extend rehabilitation services to persons with autism, loco motor disability, visual impairment, and hearing impairment.
3. Extend rehabilitation services to chronic and terminally ill in the community collaborating with various governmental and nongovernmental agencies.
4. Adopt a panchayat to initiate 'disabled friendly movement' and facilitate rehabilitation.
5. To further develop as a nodal centre in identification, prevention and management of mental health problems among children of different age groups and to expand the services to schools and colleges.
6. Publish literature in regional language regarding prevention of disability and rehabilitation of differently abled.
7. Translate and publish educational materials in the area of mental health and disability.
8. Start M. Ed in special education.
9. Offer short term courses in the area of mental health and disability, learning disabilities, Sign language, developmental disabilities etc.
10. Offer training programme in Inclusive Education for students in Teacher Training Institutions.
11. Establish academic and research collaboration with more national and International institutions.



SCHOOL OF BIOSCIENCES

1.	Name of the Department	:	School of Biosciences			
2.	Year of establishment	:	1983			
3.	Is the Department part of a School/Faculty of the University?	:	School coming under the Faculty of Science			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	M.Sc. Microbiology M.Sc. Biochemistry M.Sc. Biotechnology M.Sc. Biophysics M. Phil. Biosciences Ph.D. Microbiology Ph.D. Biochemistry Ph.D. Biotechnology Ph.D. Physiology			
5.	Interdisciplinary programmes and departments involved	:	The programmes in Biosciences are interdisciplinary nature. The School of Biosciences interacts with different Schools and Centres such as School of Environmental Sciences, School of Chemical Sciences and International and Inter University Nanoscience and Nanotechnology. Additionally the students of Biosciences are given ample opportunity to take open courses of other schools and centres of the university.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	Students of fourth semester PG programme and second semester M Phil programme regularly undertake four months project work (One course in the curriculum) in other institutes. Students from other institutes and colleges undertake their project work at School of Biosciences on a regular basis.			
7.	Details of programmes discontinued, if any, with reasons	:	Nil			
8.	Examination System	:	Semester (Choice Based Credit System)			
9.	Participation of the department in the courses offered by other departments	:	The students of other schools take Open Courses offered by the School of Biosciences. The faculty and students of this School participate in the invited lectures conducted as part of courses being offered by other schools and centres.			
10	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)	:		Sanctioned	Filled	Actual (including CAS & MPS)
				1	1	5
				3	3	2
				9	9	6
				3		3
						1



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 6 years
Dr.Latha M.S.	M.Sc., Ph.D	Professor	Biochemistry	30 Years	M.Phil – 5 Ph.D. awarded- 8 Ph.D. submitted- 2 Ph.D.on-going- 6
Dr.Keerthi TR	M.Sc., Ph.D.	Professor and Director	Biotechnology	17 Years	M.Phil. – 5 Ph.D. awarded- 4 Ph.D.on-going- 7
Dr.Jyothis Mathew	M.Sc., Ph.D.	Professor	Microbiology	25 Years	M.Phil. – 6 Ph.D. awarded- 6 Ph.D.on-going- 8
Dr.J.G.Ray	M.Sc., Ph.D.	Professor	Ecology & Ecotechnology	30 Years	M.Phil. – 1 Ph.D. awarded- 2 Ph.D.on-going- 8
Dr.Jisha MS	M.Sc., Ph.D.	Professor	Microbiology	17 years	M.Phil. – 5 Ph.D. awarded- 7 Ph.D. submitted- 3 Ph.D.on-going- 6
Dr.Jayachandran K	M.Sc., Ph.D.	Associate Professor	Biotechnology	18 Years	M.Phil. – 4 Ph.D. awarded- 6 Ph.D.on-going- 8
Dr.Prakash Kumar B	M.Sc., Ph.D.	Associate Professor	Biochemistry	21 Years	M.Phil. – 2 Ph.D. awarded- 1 Ph.D.on-going- 9
Dr. Linu Mathew	M.Sc., Ph.D.	Assistant Professor	Biotechnology	15 Years	M.Phil. – 5 Ph.D. awarded- 1 Ph.D. submitted- 3 Ph.D.on-going- 6
Dr.Harikumaran Nair R	M.Sc., Ph.D.	Assistant Professor	Physiology	10 Years	M.Phil. – 4 Ph.D. awarded- 3 Ph.D. submitted- 1 Ph.D.on-going- 4
Dr.Anie Y	M.Sc., Ph.D.	Assistant Professor	Biochemistry	9 Years	M.Phil. – 4 Ph.D.on-going- 5
Dr.Resmi SS	M.Sc., Ph.D.	Assistant Professor	Biophysics	10 Years	
Dr. EK Radhakrishnan	M.Sc., Ph.D.	Assistant Professor	Microbiology	6 Years	M.Phil. – 8 Ph.D. submitted- 5 Ph.D.on-going- 6



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sl.No	Name	Visiting Fellows/ Adjunct faculty/ Emeritus professors	Specialization
1.	Prof. F.B. Lewu, CPUT, South Africa	Visiting Fellow	Agricultural Sciences
2.	Prof. S O Oluwafemi, University of Johannesburg, South Africa	Visiting fellow	Chemistry
3.	Dr. K. Sunder Rajan, MEDICITY	Visiting fellow	Medical Sciences
4.	Dr. U. Chandramohan Nair, President, Indian Veterinary Association, Kerala	Visiting fellow	Veterinary Sciences
5.	Uma Sankar, Asst.Professor, Department of Anatomy and Cellbiology. Indiana University School of Medicine, USA	Visiting fellow	Molecular Biology
6.	Keith Davis Director The Johnson centre for Entrepreneurship in Biotechnology Indiana University, Bloomington, USA	Visiting fellow	Biotechnology
7.	Dr. Jacob Varghese Biboy Research Associate Centre for Bacterial Cell Biology Institute of Cell and Molecular Biosciences, Medical school, Newcastle University, NE2 4AX. United Kingdom	Visiting fellow	Microbiology
8.	Dr. Maneesh Milankot Associate Professor Pushpagiri Institute of Medical Sciences Thiruvalla	Adjunct faculty	Medical Sciences
9.	Dr. Shaju Thomas Associate Professor Dept. of Zoology Nirmala College Muvattupuzha	Adjunct faculty	Zoology
10.	Dr. Sreelatha .R. Nair Lifeline Hospital Adoor	Visiting fellow	Clinical Geneticist
11.	Dr. C.K.K. Nair Dean & Principal Scientist Pushpagiri Institute of Medical Sciences Thiruvalla	Adjunct faculty	Nanoscience
12.	Dr. Dinendra Raychaudhari Professor, Department of Zoology, Calcutta University Calcutta	Adjunct faculty	Zoology



13.	Dr. Manoj Kurian Jacob Scientist A Rubber Research Institute of India Puthuppally Kottayam	Adjunct faculty	Plant Sciences
14.	Dr. T. Saha Senior Scientist Rubber Research Institute of India Puthuppally, Kottayam	Adjunct faculty	Plant Sciences
15.	Dr. James Jacob Director Rubber Research Institute of India Puthuppally, Kottayam	Adjunct faculty	Plant Sciences
16.	Dr. Kuruvilla Jacob Director (Training) Rubber Research Institute of India Puthuppally, Kottayam	Adjunct faculty	Training
17.	Dr. Kavitha K. Mydin Joint Director (Crop Improvement) Rubber Research Institute of India Puthuppally, Kottayam	Adjunct faculty	Plant sciences/Crop
18.	Dr. Shaji Philip Molecular Plant Pathology Division Rubber Research Institute of India Puthuppally, Kottayam	Adjunct faculty	Plant pathology
19.	Prof.K.J.Jaims T.A.Pai Institute of Management Manipal	Adjunct faculty	Management sciences
20.	Dr. Grace Thomas Asst. Professor Dept. of Chemistry Sacred Heart College Thevara Ernakulam	Adjunct faculty	Chemistry
21.	Dr. Achuth Shankar Professor of Bioinformatics University of Kerala Thiruvananthapuram	Adjunct faculty	Bioinformatics
22.	Dr. Asha .S.Nair Senior E II Cancer Biology Division RGCB Thiruvananthapuram	Adjunct faculty	Cancer Biology
23.	Dr. P.N.Krishnan Senior Scientist & Head of Division of Biotechnology & Bioinformatics JNTBGRI Pacha P.O., Palode Thiruvananthapuram	Adjunct faculty	Biotechnology



24.	Dr. Balarama Kaimal Scientist Pushpagiri Institute of Medical Sciences Thiruvalla	Adjunct faculty	Medical Sciences
25.	Dr. Byju G Principal Scientist CTCRI	Adjunct faculty	Plant Sciences
26.	Sri. M.C.Jose Associate Professor Dept. of Statistics S.B. College Changanassery	Adjunct faculty	Statistics
27.	Dr Sudarslal S Associate Professor, School of Biotechnology Amritha Viswa Vidypeethom Amrithapuri Campus, Clappana PO, Kollam – 690525	Adjunct faculty	Biotechnology
28.	Dr. E.P.Yasodharan Professor (Emeritus) School of Environment Sciences Cochin University of Science & Technology Kalamassery	Emeritus Professor	Environment Sciences
29.	Dr. Pious Thomas Principal Scientist Division of Biotechnology Indian Institute of Horticultural Research Bangalore	Visiting fellow	Agricultural Biotechnology
30.	Dr. K. Narayanan Nair Principal Senior Scientist CSIR-NBRI Lucknow	Visiting fellow	Neurobiology

13. Percentage of classes taken by temporary faculty – programme-wise information:

Programme	2011	2012	2013	2014	2015	2016
M.Sc	--	--	7%	7%	7%	7%

Contract basis-5%

DBT MSUB Assistant Professor (5year period 2011-2016) 2%



14. Programme-wise Student Teacher Ratio

Programme	Student Teacher Ratio
M.Sc.	6:1
M.Phil.	1:1
Ph.D.	7:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

	Sanctioned	Filled and actual
Technical	5	4
Administrative Staff	5	4

	Sanctioned	Filled	Actual
Technical	3	3	3
Laboratory Assistant	2	2	1
Laboratory Attender	3	3	1
Administrative staff	Administrative Officer-1 Office Assistant-2 Office Attendent-2	Administrative Officer-1 Office Assistant-1 Office Attendent-2	Administrative Officer-1 Office Assistant-1 Office Attendent-2

16. Research thrust areas as recognized by major funding agencies:

- Ecology and Ecotechnology
- Toxicology
- Ethnopharmacology
- Medicinal plant Research
- Biochemistry
- Physiological Biochemistry
- Biophysics
- Medical Microbiology
- Bioprocess Technology
- Molecular Microbiology
- Bioprocess Technology
- Probiotics and Bioprospecting of marine microbes
- DNA Barcoding
- Agricultural Microbiology.
- Bioremediation of Xenobiotics
- Nanotechnology



17. Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) National

Sl. No	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	Studies on molecular and chemical basis of plant growth promoting and anti-phytopathogenic properties of rhizosphere microorganisms	(2015-2018)	KSCSTE	25.00
2.	Identification, isolation and characterization of Acyl Homoserine Lactone-mimic compounds from selected plants	(2015-2017)	KSCSTE	6.90
3.	Explorations of honey bee gut microbiota for industrial and therapeutic applications' (SB/EMEQ-137/2013)	2013-2017	DST-SERB, New Delhi.	30.00
4.	Bioremediation of chlorpyrifos by autochthonous bacterial consortia	2016-2019	KSCSTE	22.94
5.	Investigating the mechanism behind the protective effect of the anticancer compounds isolated from <i>Woodfordia fruticosa</i> Kurz. Flowers against hepatocellular carcinoma.	2016-2019	KSCSTE	22.00
Completed Projects				
Dr Linu Mathew (Principal Investigator)				
1.	Barcoding and genetic diversity analysis of <i>Clarias</i> spp of Kerala	(2012-2015)	KSCSTE,	14.7
2.	Production of phytoecdysteroids from the callus cultures of <i>Achyranthes aspera</i>	(2012-2015)	UGC	12.6
Dr.Jayachandran.K (Principal Investigator)				
3.	Safety Evaluation of the process of Chlorination in drinking water system	(2012-2014)	UGC	9.6



	with specific reference to Chlorination derived By-products			
4.	Acetyl Homoserine Lactone based quorum sensing and its biotechnological applications	(2012-2015)	KSCSTE	16.5
Dr. Jyothis Mathew (Principal Investigator)				
5.	Studies on immunomodulatory effects of Acacia catechu	(2012-2015)	UGC	11.1
Dr. Radhakrishnan E.K (Principal Investigator)				
6.	Molecular Exploration of Spice Associated Bacteria for Bioactive metabolites and PKS-NRPS genes Acacia catechu	(2011-2014),	DBT	15
7.	Molecular Studies on Biofilm formation in Coagulase Negative Staphylococci	(2011-2014)	ICMR	22
8.	Studies on molecular and chemical basis of plant growth promoting and anti-phytopathogenic properties of rhizosphere microorganisms	(2015-2018)	KSCSTE,	25
Dr. R. Harikumar Nair (Principal Investigator)				
9.	Evaluation of the protective effect of omega-3 fatty acid against arsenic trioxide induced cardiac toxicity in cancer therapy. Funding	(2011-2014),	UGC	9.48
10.	Molecular Basis of Sodium Dodecyl Sulphate (SDS) Bioremediation & Bioreactor Designing	2011-2015	KSCSTE	13.5
11.	Characterization of endophytic diazotrophic bacteria from rice (<i>Oryza sativa</i>) and assessment of their potential biocontrol of rice sheath blight disease	F. No. 41-1169/2012 2011-2015	UGC	13.9
Dr. Keerthi T R (Principal Investigator)				
12.	Production, Purification and Characterization of antagonistic principles of Potential Aquaculture probiotics	(2010-2013)	UGC	10.78



13.	Exploration of honey bee gut microbiota for industrial and therapeutic applications	(SB/EMEQ-137/2013)	DST-SERB	30.30
Dr Prakash Kumar B, (Principal Investigator)				
14.	In vitro studies on inhibition of eicosanoid metabolism for control of arthritis by extracts of stem of <i>Tinosporacordifolia</i>	BT/PR14926/PBD/17/720/2010	DBT	21.17
15.	Evaluation of methanolic extracts <i>Elephantopus scaber</i> for inhibitors of 5-lipoxygenase (5-LOX) and cyclooxygenase-2 (COX-2)	015/SRSL/2010/CSTE	KSCSTE	17.00
Dr. Anie Y. (Principal Investigator)				
16.	Nattokinase- fibrinolytic and antihypertensive enzymes from novel bacterial isolates	03/YIPB/KBC/2012/CSTE	KSCSTE	4.73
17.	Chemotactic response of human Phagocytic cells (Polymorphonuclear leukocytes and monocytes) in tuberculosis patients	37-599/2009 (SR).	UGC	1.84
Dr JG Ray (Principal Investigator)				
18.	Endomycorrhizal Studies in <i>Musa</i> Sp of South India	(2012-2015)	UGC	13.50
19.	Collection, identification and screening of green algae from bloomed water bodies of Kerala for quality and quantity of lipids	002/SRS/RCS E-24-2015/CSTE	KCSTE	27.00
Dr. Latha M.S (Principal Investigator)				
20.	Protective effect of <i>Elephantopus scaber</i> Linn. A traditional medicinal plant on hepatic fibrosis and hepatocellular carcinoma	(2009-2011)	KSCSTE	10.92

b) International: Nil

c) Total grants received : ₹ 377.16 Lakhs



18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

Sl. No.	Project Title	Funding agencies	Total Fun received in Lakhs (₹)
1.	DBT builder programme with IIUCNN	DBT	450.00
2.	Molecular mechanism of antidiabetic activity of <i>Costus pictus</i> (No. 025/IBRS/KBC/2013 Dated. 11.11.2013)	Kerala Biotechnology Commission- KSCSTE- Industry Partner-Arjuna Natural Extracts.	19.00
3.	Health promoting capabilities of potential probiotic strains isolated from infant gut microflora	ICMR (Collaborative with Dr. Sabu Thomas, Scientist E11 as CO- PI, Rajiv Gandhi Centre for Biotechnology)	25.00

b) International collaboration: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No	Title of the Project	Duration	Funding Agency	Amount in Lakhs (₹)
1.	SARD Programme	(2014-2017)	KSCSTE	22.00
2.	DST FIST	1 level	DST	130.00
3.	DST-PURSE	2012-16	DST	225.00

Total grants received: ₹ 337.00 Lakhs

20. Research facility / centre with

- State recognition: Yes
- National recognition: Yes
- International recognition: No

21. Special research laboratories sponsored by / created by industry or corporate bodies- Nil



22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	237
2.	Monographs	Nil
3.	Conference Proceedings	88
4.	Chapters in Books	18
5.	Edited Books	1
6.	Books authored with ISBN	1
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
9.	Total	345

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Yes
- Citation Index – range / average : 18-1028 / 224
- SNIP : Nil
- SJR : Nil
- Impact Factor – range / average : 1.6
- h-index : 1-16

Citation and H index details

S.L No	Name of the faculty	Total citations	h- index	i-10 index
1.	Dr.Keerthi T.R	111	3	2
2.	Dr.M.S.Latha	1028	16	19
3.	Dr.Jyothis Mathews	190	7	6
4.	Dr.J.G.Ray	81	5	4
5.	Dr.Jisha M.S	324	9	9
6.	Dr.Jayachandran.K	326	9	9
7.	Dr.Prakash Kumar.B	172	7	6
8.	Dr.Linu Mathew	16	2	1
9.	Dr.HarikumaranNair	183	9	8
10.	Dr.Anie Y	24	1	1
11.	Dr.S.S Resmi	18	1	1
12.	Dr.E. K Radhakrishnan	238	8	8
	Total	2691	77	74



23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Sl. No.	Name of the faculty	Laboratory/ Research area
1.	Dr.Keerthi.T.R	1. Dubai-BITS Pilani campus, 4th Annual International Conference on Advances in Biotechnology (BioTech 2014)Dubai, BITS, Pilani Campus 10-11th March 2014.
2.	Dr.Linu Mathew	1) Molecular phylogeny workshop at IISc Bangalore from August 1-5, 2014 2) DBT sponsored workshop on Molecular biology techniques in Microbiology, CFTRI Mysore 15 days excluding holidays from Sept 2-19, 2014
3.	Dr.Prakash Kumar B	Hands on training course in “Use of Cell Culture technology for studying Apoptosis and Angiogenesis” held at the Department of Biotechnology, University of Mysore, Manasagangotri, Mysore from 24/1/2011 to 31/1/2011.
4.	Dr.Jisha.M.S	Invited participation with free registration at the 4th International Conference on Nanotechnology and Basic Science (ICN2016), 4-5 February 2016, Dubai. Emirates

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other

a) National committees

Sl.No.	Name of the faculty	Committee
1.	Dr.J.G.Ray, Professor	<ul style="list-style-type: none"> • Member in the UGC Expert Committee in Botany for the award of Major Research Projects to Teachers/Researchers • Life Member Indian Society of Environmental Scientists • Life Member, Swadeshy Science Movement of India
2.	Dr.Keerthi T.R, Professor	<ul style="list-style-type: none"> • Indian Dairy Association (IDA), New Delhi • Society for Biotechnology (India) • Association of Microbiologist in India (AMI), India • Kerala Science Academy.



3.	Dr.Jisha.M.S, Professor	<ul style="list-style-type: none"> • Society for Biotechnology (India) • Association of Microbiologist in India (AMI), India • Kerala Science Academy.Member Society for Fisheries Technologist (India)
4.	Dr. E K Radhakrishnan	<ul style="list-style-type: none"> • Member – Association of Microbiologist India, Indian Science Congress Association,

b) International committees

Sl. No.	Name of the faculty	Committee
1.	Dr.J.G.Ray, Professor	<ul style="list-style-type: none"> • Member American Agronomy Society (ASA), Crop Science Society of America (CSA) and Soil Science Society of America (SSA) • Full Member of the Ukrainian Academy of Ecological Science
2.	Dr.Keerthi T.R, Professor	<ul style="list-style-type: none"> • International Probiotics Association (IPA), Zurich, Switzerland • Asian Federation of Biotechnology (AFOB), Korea

c) Editorial Boards

Sl. No.	Name of Faculty	Details
1.	Dr.J.G. Ray	Member of the Editorial Board of two international Journals: <ul style="list-style-type: none"> ▪ Ecology and Noosphereology ▪ Journal of Soil Science
2.	Dr.Keerthi T.R	<ul style="list-style-type: none"> ▪ Iranian Journal of Biotechnology
3.	Dr. Prakash Kumar B	<ul style="list-style-type: none"> ▪ Journal of Practical Biochemistry and Biophysics
4.	Dr. E.K Radhakrishnan	<ul style="list-style-type: none"> ▪ Journal of Food & Industrial Microbiology ▪ International Journal of Advanced Research and Review

d) any other

Sl. No.	Name of the faculty	Committee
1.	Dr.M.S.Latha, Professor	<ul style="list-style-type: none"> • Dean, Faculty of Science, M.G.University • Member, Board of Studies • Coordinator, P hD course Work
2.	Dr.Jyothis Mathew, Professor	<ul style="list-style-type: none"> • Chairman, Institutional Human Ethics Committee, School of Biosciences, Mahatma Gandhi University, Kottayam • Chairman, Institutional Animal Ethics Committee, School of Biosciences, Mahatma Gandhi University, Kottayam



		<ul style="list-style-type: none">• Member, Board of Studies in Biosciences, Mahatma Gandhi University, Kottayam• Convener, Expert Committee in Microbiology (U.G.) Mahatma Gandhi University, Kottayam• Member, Academic Council, Mahatma Gandhi University, Kottayam• Member Board of Studies (UG) in Zoology, Mahatma Gandhi University, Kottayam• President, Alumni Association, School of Biosciences, Mahatma Gandhi University• Chairman, Board of Studies (UG) in Microbiology Mahatma Gandhi University, Kottayam• Chairman, Board of Studies (PG) in Microbiology Mahatma Gandhi University, Kottayam• Member, Core Committee in Biosciences, Mahatma Gandhi University, Kottayam• Member, Executive committee for Inter University Centre for Biosciences, Kannur University
3.	Dr.J.G.Ray, Professor	<ul style="list-style-type: none">• Expert in UGC NET Coaching for Postgraduate Students – Bioscience and Environment Science – organized by Mahatma Gandhi University, Sri Sankara University, Kalady• Member, Executive Council, Institute of Intensive Research in Basic Sciences• Convener, Core Committee for Curriculum and Syllabus of Integrated M Sc-Ph D Programme in Plant Science Technology• Chairman, Postgraduate Board of Studies in Botany• Chairman, Postgraduate Board of Studies in Biosciences• Convener, Committee for Credit and Semester System, MG University• Expert Committee Member of SARD project evaluation at KCSTE, Thiruvananthapuram on 12th May 2015• Judging Committee for Evaluation of Best Paper Presentations, Kerala Environment Science Congress, 6-8 May 2015, Kottayam
4.	Dr.Keerthi T.R, Professor	<ul style="list-style-type: none">• Member Academic Council-Mahatma Gandhi University• Chairperson, Ph.D Doctoral Committee of Biosciences



		<ul style="list-style-type: none"> • Warden, Ladies Hostel, Mahatma Gandhi University. • Member, Anti harassment Cell, Mahatma Gandhi University. • Member Institutional Ethical Committee, Mahatma Gandhi University. • Member,SC/ST monitoring cell Mahatma Gandhi University • Convener expert committee of both B.Sc., and M.Sc.,CSS Biotechnology Programme, Mahatma Gandhi University • Member, Board of Studies, (Microbiology) Calicut University • Member, Board of Studies, (Biosciences), Mahatma Gandhi University. <p>Reviewer-3Biotech,Brazilian Journal of Microbiology</p>
5.	Dr.Jisha.M.S, Professor	<ul style="list-style-type: none"> • Coordinator, National Institute of plant science technology • Member – Board of Studies in Microbiology, Calicut University • Member – Board of Studies in Microbiology, M.G. University • Subject Expert – Board of Studies in Microbiology, SB College, Changanassery • Member, Board of Studies, (Biosciences), Mahatma Gandhi University. • Member, Board of studies Microbiology (PG) Mahatma Gandhi University • Member Board of Studies, (Microbiology PG&UG), Kannur University • Subject Expert Women back to lab programme KSCSTE Thiruvananthapuram • Member Institutional Biosafety Committee, Mahatma Gandhi University • P.T.A Secretary ,School of Biosciences-2014-2016 batch
6.	Dr.Jayachandran K	<ul style="list-style-type: none"> • Member Senate, M.G,University • Honorary Director IUCSSM, M.G,University • Joint Director - Biomedical Research centre till 22-08-2011, UONo.3109/AII (4)/2010/Admn dated 24-06-2010 • Member, in the selection committee for junior lab technician, Spices Board/ • Selection of 3 Lab technicians in Microbiology • Expert in Kerala Science Congress to assess



		<p>the scientific papers in Biotechnology</p> <ul style="list-style-type: none">• Reviewer of Projects, KSCSTE- reviewer of Back to Lab programme of KSCSTE• Member, Kerala Academy of Sciences• Reviewer of Journals- 3 biotech, Bio resource technology,• Member, Technical Committee, Interuniversity centre for Biomedical Research- Evaluation of the technical features of the Lab instruments• Member Institutional Bioethics committee Evaluation of the research work in connection with the ethical issues
7.	Dr.Prakash Kumar.B	<ul style="list-style-type: none">• Coordinator, DBT-MSUB Programme• Member, IQAC, M.G.University• Life member Indian Science Congress, Society for Biological Chemists, Kerala Academy of Sciences• Member, Board of studies, M.G University• Reviewer for Journal of Inclusion Phenomena, Nanobiomedicine and Engineering
8.	Dr.Linu Mathew	<ul style="list-style-type: none">• Member, Expert committee, P.G. and UG , M.G. University• Member, Kerala Academy of Sciences
9.	Dr.Harikumaran Nair	<ul style="list-style-type: none">• Member secretary, Institutional animal ethics committee• Member secretary, Institutional Human ethics committee• Member, Board of studies, School of Biosciences• Member, Campus developmental committee
10.	Dr.Anie Y	<ul style="list-style-type: none">• Chairperson, Board of Examiners, III semester M.Sc Biochemistry Examinations, 2011, MG University.• Internal Expert, Institutional Biosafety Committee, School of Biosciences, M G University• Scientist-in –Charge, Animal House, Institutional Animal Ethics Committee School of Biosciences, M G University• Member, Institutional Human Ethics Committee, School of Biosciences, M G University
11.	Dr. E K Radhakrishnan	<ul style="list-style-type: none">• Kerala Academy of Sciences• Member – Board of Studies in Microbiology, Kerala University• Member – Board of Studies in Microbiology, SB College, Changanassery



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Each faculty has undergone orientation and refresher courses as per the UGC directions. Faculty generally opt the Academic Staff colleges at Calicut and Kerala Universities for the recharging programmes.

Sl. No	Name of Faculty	Workshops attended
1	Dr.E K Radhakrishnan	<ol style="list-style-type: none">1. Participated “National Seminar on Life Style and Diseases”19-20, January 2012 organized School of Biosciences, Mahatma Gandhi University, Kottayam, Kerala.2. Participated “A Short Course on Metagenomics: Role of Next Generation Sequencing and Bioinformatics” 15th Oct to 24th Oct, 2012 organised by Anand Agricultural University, Anand, Gujarat.3. Participated “National Seminar on Water Resource Management: Present Uses, Status, Conservation and Cooperation “organized by Bishop Moore college, Mavelikara on 20th - 22nd March, 2013
2	Dr.Jisha. M.S	<ol style="list-style-type: none">1. DST sponsored workshop for young scientists on live cell functional imaging and neurotransmitters receptors functional regulation at CUSAT on March 11-13, 2010.2. Training on Microbial Gene Manipulations at CPBMB, College of Horticulture on May 3-15,20103. Frontiers of Spectroscopy and Microscopy. DST-PURSE sponsored workshop. Mahatma Gandhi University, Inter University Instrumentation Centre (IUIIC). 10th -12th September 20124. Biotechnology in industry- achievements, potentials and challenges. Organized by CEPC-NAIP-ICAR project. 18th- 20th Feb. 2013
3.	Dr.Keerthi. T.R	<ol style="list-style-type: none">1. Training cum workshop on molecular docking and drug designing 23-25 March 2015 organized by school of Biosciences ,Mahatma Gandhi University and Bio Discovery Group Life Sciences2. 2011 February 14-27-NAIP (ICAR-New Delhi) Sponsored training programme on “Molecular Diagnostics and Fingerprinting of Salmonella and pathogenic Vibrios



		<p>associated with seafood and aquatic environment”. Organized by MFB division of CIFT, Cochin. Kerala.</p> <p>3. Training on Microbial Gene Manipulation (03-05-2010 to 17-05-2-10) at Centre for Plant Biotechnology and Molecular Biology, College of Horticulture, Kerala Agricultural University.</p>
	Dr.Prakash Kumar B	<p>1. National level workshop on Molecular Docking and Drug Discovery at School of Biosciences, Mahatma Gandhi University from 23-25 March 2015</p> <p>2. Hands on training course in “Use of Cell Culture technology for studying Apoptosis and Angiogenesis” held at the Department of studies in Biotechnology, University of Mysore, Manasagangotri, Mysore from 24/1/2011 to 31/1/2011.</p>
	Dr.Linu Mathew	<p>1. Workshop on Plant DNA barcoding at CMS College, Kottayam, MG University December 2011</p> <p>2. National Seminar on Life style and Diseases at School of Biosciences, M G University 2012</p> <p>3. Molecular phylogeny workshop at IISc Bangalore from August 1-5, 2014</p> <p>4. DBT sponsored workshop on Molecular biology techniques in Microbiology, CFTRI Mysore 15 days excluding holidays from Sept 2-19, 2014</p> <p>5. Workshop on plate tectonics: recent advances from Southern India and East Antarctica Geology Department, University Of Kerala.</p> <p>6. National workshop on Mass Spectroscopy at Interuniversity Centre for instrumentation , Mahatma Gandhi University, Kerala</p> <p>7. Training cum Workshop on Molecular docking and drug designing at School of Biosciences, M G University</p>

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	94%
Percentage of students doing projects in collaboration with other universities / industry / institute	6%



29. Awards / recognitions received at the national and international level by

• **Faculty :**

Name of the faculty	Details
Dr.E. K Radhakrishnan	Honored presentation of “Bharat Gaurav Award” by India International Friendship Society, May 2016

• **Doctoral / Post-doctoral fellows:**

Name of the Doctoral / post-doctoral fellows	Details
Rohini Sabu	Young scientist award for the best paper in the National seminar on Diversity of Microbes and Climate Change mitigation held during 3 rd -5 th February 2016 organized by Catholice College, Pathanamthitta.
Jimtha John C	Best paper award in UGC Sponsered National seminar on progress and prospects of Biotechnology, at St. Josephs College, Irinjalakuda on 14 th and 15 th January, 2016.
Tijith K George, Haseena	Best paper award in the National Seminar on Plant science Technology for sustainable world -2016
Glindya Bhagyalakshmy	Best paper presentation award. National Seminar on “Food Safety in India-Current Issues and Career Prospects”2015
Divya.R	Best paper presentation award Biovision 2014
AjuK.Asok.	Best poster award (Life Science) 23rd Kerala Science Congress held on January 29-31, 2011
Aswathy Agnes Joseph	First Prize for poster presentation at the 24th Kerala Science Congress, organized by Rubber Board., Kottayam, Kerala, India on 29-31, January 2012.
Roshmi Thomas	First Prize for Paper presentation,at “Nanotechnology: Applications of Nanomaterials in Agriculture, Food and medicine, 25-26 July organised by BK College, Amalagiri, Kottayam. Senior Research Fellowship Award (under Radhakrishnan EK) from Indian Council of Medical Research
Jasim B	First Prize for Paper presentation at the “National Seminar on Advanced Biochemical Techniques: Relevance in Interdisciplinary Research Scenario” on September 3-4, organized by B.K. College, Amalagiri, Kottayam.
Anisha C	Best Poster Award at the International Seminar on Emerging Trends in Organic Farming and Sustainable Agriculture organized by IUCOFSA, Mahatma Gandhi University, on 29 th 31 st Dec,2016

• **Student :**

Name of the student	Details
Rosemin Benny	Best paper award for Rosemin Benny at 25 th Swadheshi Science congress December 2015.



30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Year	Seminars/ Conferences/Workshops	Source of funding	outstanding participants
2013-14	State level seminar on “Stem Cell Therapy and Cancer” jointly organized by post graduate department of Biotechnology sassndpyogam College Konni and School of Biosciences M.G. University on 14th February 2014 (Convenor Dr.Keerthi.T.R)	UGC	Dr.C.K.K.Nair, Research Director, Pushpagiri Research Centre, Thiruvalla.
	Hands on workshop on DNA Barcoding of microbes 30.3.2014 (Convenor Dr.Jisha.M.S)	KSCSTE	Dr.Shaji Philip. RRI. Kottayam
2014-15	Seminar on “Cyber Space & Social Responsibility” jointly organized with School of Biosciences & PTA School of Biosciences on 28 th December 2015.	PTA	Mr.Ajith, Special DYSP, Kottayam
	National Training cum workshop on molecular docking and drug designing 23-25 March 2015 organized by school of Biosciences, Mahatma Gandhi University and BioDiscovery Group Life Sciences,, conducted on 23-25 March 2015. (Convenor Dr.Prakashkumar)	DBT-MSUB	Asif Naqvi CEO BioDiscovery Group Agra.
	One day Workshop for Teachers of affiliated Colleges in connection with PG Biotechnology Syllabus Revision -2015.	M.G. University	
2015-16	Seminar on “Social responsibility in animal birth control” jointly organized with School of Biosciences & Indian Veterinary Association-Kerala in connection with World Spay Day on 18th February 2016	Indian Veterinary Association- Kerala	Dr.V.Gopakumar, District Animal Husbandary Officer, Kottayam
	Institutional level two day seminar on “Prevention & management of lifestyle diseases” jointly organized with School of Biosciences & Department of student services (DSS) of M.G. University on 17 th& 18 th March, 2016. (Convenor-Dr.M.S.Latha)	DSS ,M.G University	Dr.Thomas Varughese, MBBS,MD Oncologist, Lakeshore Hospital.



31. Code of ethics for research followed by the departments:

School of Biosciences has Institutional Animal Ethical Committee, Biosafety Committee and also Human Ethical Committee. Research works have been conducted as per the rules and regulations and permission from these bodies. In addition, rules and regulations set by UGC and University are followed

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Biochemistry/Microbiology/ Biotechnology/Biophysics					
2011	392	3	32	100	100
2012	822	2	33	100	100
2013	852	3	31	100	100
2014	792	5	30	100	100
2015	854	8	26	100	100
2016	890	5	30	Results awaiting	

33. Diversity of students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2011	22.3	60	17.7	Nil
2012	55.5	37.9	6.6	Nil
2013	51.2	40	8.8	Nil
2014	34.2	57	8.8	Nil
2015	55.6	44.4	Nil	Nil
2016	41.94	58.06	Nil	Nil



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. No	NET/ JRF Qualified	GATE	SET	Others
1.	40	40	5	Nil

35. Student progression

Student Progression	% against enrolled
UG to PG	NA
PG to M.Phil	6
PG to Ph.D	55
Ph.D to Post Doctoral	20
Employed by Campus Selection	Nil
Other than Campus recruitment	30
Entrepreneurs	2

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	27
From other universities within the State	64
From universities from other States	0
From universities outside the country	9

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

1. Library	2540 (Total books)
2. Internet facilities for staff and students	Available
3. Total number of class rooms	5
4. Class rooms with ICT facility	Yes
5. Students' laboratories	4
6. Research laboratories	12 <ul style="list-style-type: none"> • Microbiology Lab (3) • Biotechnology lab (3) • Biochemistry Lab (3) • Ecotechnology Lab (1) • Toxicology Lab (1) • DBT MSUB Lab (1)



39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

Doctoral students

50/80

Name of Guide	Name of Scholar
Dr. Latha M.S	Liji Jacob (Awarded)
	Sheeba K Oommen (Awarded)
	Jyothilakshmi M. (Awarded)
	Raji Ravindranathan Nair
	Helen Raisa Lal
Dr. Jyothis Mathew	Ms. Suja Philip (Awarded)
	Mini K.Paul (Awarded)
	Shini Zacharia (Awarded)
	Asha Peter (Awarded)
	Mini K.D (Awarded)
	Ashitha A.
	Neethu Sahadevan
	Radhika Murali
Dr. J.G. Ray	Chandana C
Dr. Keerthi T.R.	Honey Chandran C.
	Resmi S.S.
	Athira Krishnan K.A.
	Nithin T.U
	Rakhie Narayanan
	Glyindya Bhagyalakshmi
Dr. Jisha M. S	Aju K Asok (Awarded)
	Sharrel Rebello(Awarded)
	Shabanamol S(Awarded)
	Linu M. Salim(Awarded)
	Rishad K.S (Awarded)
	Elizabeth Mary John (Submitted)
	Divya K
	Tijith K.George
	Divya R
Dr. Jayachandran K	Elizabeth Cherian (Awarded)
	Seba George (Awarded)
	Amith Abraham (Awarded)
	Merlin Antony
	Sheetal Sivankutty
	Mohammed Ashiq
Dr. Prakash Kumar B.	Bashi M.B.
	Chinchu J.U.
Dr. Linu Mathew	Reshmi P A (Awarded)
	Reshma John (Awarded)
	Siji Raju



	Maya Rajan
Dr. Harikumar Nair	Abhilash M. (Awarded)
	Sauganth Paul M.V. (Awarded)
	Manju Alex (Awarded)
	Vineetha R.C.
	Binu P.
Dr. Anie Y.	Hazeena V.N.
	Haritha V.H.
	Binchu V. Shaji
Dr. E.K Radhakrishnan.	Rohini Sabu (Thesis submitted)
	Anisha C (Thesis submitted)
	Shiji Mathew
	Jishma P
	Aswani R
	Aswathy Jayakumar

b) from other institutions/universities
 Doctoral students 30/80

Name of Guide	Name of Scholar
Dr. Latha M.S.	Nitha Anand (Awarded)
	Prabha S.P. (Awarded)
	Ansil P. N. (Awarded)
	Latha B. (Awarded)
	Rajalakshmi R. (Awarded)
	Jayesh Kuriakose
	Syama S.
	Preetha K. Mattathil
Dr. Keerthi T.R	Vysakh A.
	Aparna Balakrishna (Awarded)
	Anu P. Sebastian (Awarded)
	Savitha K Koilery (Awarded)
	Anjali Anne Jacob (Awarded)
Dr. Jyothis Mathew	Sudha V
	Anuthara R.
	Sunitha V. S.
	Soumya Das
	Midhun Sebastian Jose
Dr. J.G. Ray	SuNil M. A.
	Binoy T. Thomas (Awarded)
	Dhanya Vijayan (Awarded)
	Santhosh Kumar (Submitted)
	Soumya Soman
	Prasanth Kumar S.
	Nideesh K.S.
	Abju K. Arun
	Deepthi A.S.
Anitha Jose	
Dr. Jisha M.S.	Ambily P.S.
	Pratibha T.R(Awarded)



	Athul Sandeep R(Awarded)
	Vinod Viswanath(Awarded)
	Dhanya S (Submitted)
	Smitha Vijayan
	Karthika
Dr. Jayachandran K.	Joseph Job (Awarded)
	Sajudeen P A (Awarded)
	Dhanya V (Awarded)
	Indu M Nair
	Anoop.M
	Padinjarakavil Soumya
Dr. Prakash Kumar B.	Jenny Jacob (Awarded)
	Anu P.A.
	Mohind C Mohan
	Teene Merlin
	Rahitha Devi
	Merlin Baby
Dr. Linu Mathew	Shajitha P.P. (Awarded)
	Aneesha Devassy (Awarded)
	Dhanesh N.R.
	Shahena S.
	Emi Mathew
Dr. Harikumar Nair	Mathews V. Varghese (Awarded)
	Abhilash S.
	Arathi P.
Dr. Anie Y	Surya P. Rajendran
	Neethi Raj P.
Dr. E.K. Radhakrishnan	Roshmi Thomas (Awarded)
	Jasim Bhasheer
	Jimtha John C (Awarded)
	Soumya K R (Thesis submitted)
	Chithra S (Thesis submitted)
	Deepa P Mohanan
	Snigdha
	Ashitha Jose

**40. Number of post graduate students getting financial assistance from the university.
Period 2011-2016**

Fellowship	Number
E grants	60



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes. Elective course were newly introduced in revision of syllabi. The need for new elective courses and open courses are discussed in the faculty council based on student feedback and peer assessment

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Department seek feedback from stakeholders and will discuss the feedback in the faculty council and Board of studies
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Feedback from the students will discuss in the faculty council and make suggestions for improvement
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes. The department council regularly discuss the feedback from the students and design future academic strategies accordingly

43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position
1.	Dr. SuNilkumar Puthenpurackal Narayanan	Institute of Biophysics and Physical Biochemistry and Centre of Magnetic Resonance in Chemistry and Biomedicine (CMRCB), University of Regensburg, 93040 Regensburg, Germany
2.	Dr. C. Kesavachandran	Principal Scientist, Indian Institute of Toxicology Research Lucknow-226001, India ckchandran@iitr.res.in
3.	Dr. Sudarslal S.	Associate Professor at the School of Biotechnology, AmrithaVidhyapeedum University Amrithapuri, Kollam sudarsla@am.amrita.edu
4.	Dr. Krishnan, Manoj	Assistant Professor, Nus and Duke center, Singapore, : manoj.krishnan@duke-nus.edu.sg
5.	Dr Jacob Biboy	Research Associate, The Centre for Bacterial Cell Biology, Medical School, Newcastle University, United Kingdom jacob.biboy@ncl.ac.uk
6.	Aneeshkumar. A.G	Faculty, Molecular Genetics Laboratory, National Institute of Immunology, New Delhi, aneesh@nii.ac.in
7.	Dr. Srejith	Post-doctoral fellow Diabetes Research Unit



		New York university medical center New York city- New York 10016
8.	Dr. Rajendran	Associate Professor, Division of Biochemistry and Molecular Biology, Central university of Kerala, Kasargod Mobile No. 9061877113
9.	Dr. Jolly Paul	Regulatory Affairs Specialist, Vifore Pharma Zurich, Switzerland
10.	Dr.Arun A Rauf	Assistant Professor, Dept. of Biochemistry, University of Kerala Trivandrum, Mobile 9447290954

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

Enrichment programme are regularly organized by the School. In the last five years the following programme were organized. School of Biosciences is actively involved in various extension and social activities along with its major academic programmes. The details of various activities are summarized as follows.

SL No	Name of the programme	Details
1.	Science exhibition in the month of February every year	The exhibition showcases major scientific research outputs of the department to the school and college students.
2.	Awareness programme on nutrition and dietics in connection with food fest conducted in the month of February every year	Food fest is annually conducted to familiarize students about nutritional value of traditional recipes and culinary habits .Students are encouraged to prepare and sell traditional food stuffs including snacks. They are asked to advertise about the dietary value and nutritional importance of these food stuffs
3.	Intercollegiate Science quiz programme conducted in the month of February every year	Students from the affiliated colleges of the MG University are being selected for the Quiz competition after the conduct of a preliminary written examination
4.	Dr.P.C.Raveendran memorial lecture conducted every year in the month of March	The Alumni association conducts lecture series in every year in memory of our late founder faculty member Dr.P.C.Ravidran
5.	A seminar on life style diseases conducted on January 18-19, 2011	The seminar included invited talks and poster presentations on thrust areas of life style diseases namely Cancer, Diabetic, Cardiac diseases, Infertility and Nutritional therapy.



6.	Documentary film show World environment day 5 th June 2012	
7.	Awareness and training programme on sustainable agricultural practices training programme	A training on Vermi composting for <i>Kudumbasree</i> members, a group for self reliance of women associated with Grama Panchayath)
8.	Programme on Cyber space and social responsibility on December 28 th 2015	The PTA of the School organized one day seminar on cyber crimes and social responsibility and experts included eminent persons from Kerala Police
9.	A seminar on social responsibility in animal birth control conducted on 18-02-2016	Seminar was conducted in association with Veterinary doctors association to create awareness about ABC programme.
10.	Awareness programme on Community health on 18-02-2016	PTA with school of biosciences organized an awareness programme on emerging challenges in community health in relation to personal and public hygiene.
11.	Bodhani-An awreness programme for the prevention and management of Life Style diseases 17-18 March 2016	The seminar included invited talks and poster presentations on thrust areas of life style diseases namely Cancer, Diabetis, Cardiac diseases and obesity.
12.	Demonstration and Extension of Vermicomposting technique	A project work was funded by KBC, KSCSTE, under BIRD Project for the demonstration and extension of vermicomposting technique for the Solid Waste Treatment to Athirumpuzha Grama panchayath, Kottayam District
13.	Workshop on DNA Barcoding of microbes	A hands on training on DNA Barcoding of microbes was conducted on 30.03.2014
14.	State level seminar on “Stem Cell Therapy and Cancer”	State level seminar on “Stem Cell Therapy and Cancer” jointly organize by post graduate department of Biotechnology SNDP Yogam College, Konni and School of Biosciences, Mahatma Gandhi University on 14th February 2014.
15.	National Workshop on Molecular Docking and Drug Designing	A National Workshop on Molecular Docking and Drug Designing was conducted on 23-25 March 2015

45. List the teaching methods adopted by the faculty for different programmes.

- Regular lectures (ICT enabled)
- Participative learning programme-Seminar/symposium
- Collaborative learning-Group discussions /Common assignment
- Promotion of self-study experiences through quiz/spontaneous/ extempore explanations by students

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored:



Critical analysis of student progress and achievement of programme objectives are carried out through frequent faculty discussions, student feedback analysis and interactions through tutorials. Timely conduct of internal evaluation also ensures assessment of learning outcome.

47. Highlight the participation of students and faculty in extension activities.

Bioscience forum is a common platform where faculties, research scholars, students, non-teaching work together for various extension activities, academic activities and social activities. Thanalkoottam and Nature club are also associated with the forum. Through Bioscience forum and thanalkoottam charity and social supportive activities are organized regularly which enable the student to keep an eye on the world around them.

48. Give details of “beyond syllabus scholarly activities” of the department.

1. Science exhibition in the month of February every year

The exhibition showcases major scientific research outputs of the department to the school and college students

2. Awareness programme on nutrition and dietetics in connection with food fest conducted in the month of February every year

Food fest is annually conducted to familiarize students about nutritional value of traditional recipes and culinary habits. Students are encouraged to prepare and sell traditional food stuffs including snacks. They are asked to advertise about the dietary value and nutritional importance of these food stuffs.

3. Intercollegiate Science quiz programme conducted in the month of February every year

Students from the affiliated colleges of the MG University are being selected for the Quiz competition after the conduct of a preliminary written examination.

4. Dr.P.C.Raveendran memorial lecture conducted every year in the month of March

The Alumni association conducts lecture series in every year in memory of our late founder faculty member Dr.P.C.Raveendran

5. A seminar on life style diseases conducted on January 18-19, 2011

The seminar included invited talks and poster presentations on thrust areas of life style diseases namely Cancer, Diabetics, Cardiac diseases, Infertility and Nutritional therapy.

6. Documentary film show World environment day 5th June 2012

7. Awareness and training programme on sustainable agricultural practices

Training on Vermicomposting for Kudumbasree members, a group for self-reliance of women associated with Grama Panchayath)

8. Programme on Cyber space and social responsibility on December 28th 2015

The PTA of the School organized one day seminar on cyber-crimes and social responsibility and experts included eminent persons from Kerala Police

9. A seminar on social responsibility in animal birth control conducted on 18-02-2016

Seminar was conducted in association with Veterinary doctors association to create awareness about ABC programme.

10. Awareness programme on Community health on 18-02-2016

PTA with School of biosciences organized an awareness programme on emerging challenges in community healthy relation to personal and public hygiene.



11. “Bodhani-An awareness programme for the prevention and management of Life Style diseases 17-18 March 2016

The seminar included invited talks and poster presentations on thrust areas of life style diseases namely Cancer, Diabetics, Cardiac diseases and obesity.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The school could bring research input in terms of the external research fund amounting up to 801.17 lakhs and through this could establish an excellent research facility. This has ultimately resulted in the generation of new knowledge through publications, thesis, new species and other deliberations.

The specific contributions included generation of new knowledge in the area of nutritional intervention in chemotherapeutic stress, genetic diversity analysis and population studies of endemic flora and fauna, development of probiotics as nutraceutical and therapeutic agents, cellular behaviour in pathophysiology, biodegradation and bioprocessing of pollutants, Ecology of algae, mycorrhizal fungi and hyper accumulator plants towards development of bio based ecotechnology. Characterization of medically important microorganisms, Molecular studies on endophytic association, toxicology /ethanopharmacology, medicinal plants, phosphate solubilizing microorganisms etc.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- **Research-** External Funding, External Project funded infrastructure
Most faculties have taken up external funded major research projects worth Rs **819.67 lakhs** from diverse funding agencies in the last five year period and have already published 233 scientific publications.
- **DBT -MSUB funded infrastructure** offering Animal house facility, Cell culture facility and facilities for molecular biological research.
- **Excellent academic support-**Academic programme in four different branches of life science could attract talented, meritorious postgraduate and research students from diverse areas of life sciences. Departmental library has good number of quality books and Wi-Fi connectivity to ensure usage of online library resources of the University library. Well-equipped specialized research laboratories in 12 different sub-disciplines of biosciences are available for Ph.D programmes.
- Faculty members specialized in diverse areas of Life Sciences viz. Biochemistry, Biotechnology, Biophysics, Microbiology, Plant Science and Technology, Physiology etc.
- Strong academic support from alumni and support from a committed PTA.

Weaknesses:

- Interrupted power supply
- Existing physical infrastructure not as per developmental needs
- Insufficient hostel and quarters facility
- Insufficient administrative support



- Inadequate financial and administrative autonomy

Opportunities:

- Creating well trained manpower to satisfy the requirements of industries and academia.
- Facilitation of start-up programme for young talented entrepreneurs in the area of applied life science.
- Initiation of academic collaborative programme and industrial linkages.
- Lab to land / bench top to bedside technology dissemination.
- Broadening knowledge domain facilitating creation of new ideas, concepts and innovative practices for better science-society interactions.

Challenges:

- Insufficient placement opportunities for the trained manpower in specialized areas
- Lack of prioritising in the selection of thrust areas for academic and industrial exercises during policy making.
- Lack of strategies for soft skill development.
- Insufficient space for class rooms and labs.
- Inconsistency in extending academic freedom.

52. Future plans of the department.

1. To conduct extension programme for facilitating better interaction with the society.
2. To bring more collaborations with national and international research institutes.
3. To establish a consistent campus recruitment process for the students of the school.
4. To initiate 'AIRES-Alumni Involved Research Enrichment Scheme- in the School.
5. To promote research activities among the faculties in a selected thrust area bringing a convergence in the research efforts.



SCHOOL OF CHEMICAL SCIENCES

1.	Name of the Department	:	School of Chemical Sciences (SCS)			
2.	Year of establishment	:	1983			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, The School is under the Faculty of Science			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc)	:	M.Sc. Chemistry (Inorganic Chemistry) M.Sc. Chemistry (Organic Chemistry) M.Sc. Chemistry (Physical Chemistry) M.Sc. Chemistry (Polymer Chemistry) M.Phil. Chemistry (Inorganic Chemistry) M.Phil. Chemistry (Organic Chemistry) M.Phil. Chemistry (Physical Chemistry) M.Phil. Chemistry (Polymer Chemistry) M.Tech. Polymer Science and Technology Ph.D. (All branches of Chemistry and Polymer Science)			
5.	Interdisciplinary programmes and departments involved	:	The four branches of M.Sc. and M. Phil. Chemistry Programmes are interdisciplinary			
6.	Courses in collaboration with other universities, industries, foreign institutions etc.	:	Nil			
7.	Details of programmes discontinued, if any, with reasons	:	Integrated M.Sc. Ph.D .programme is discontinued due to scarcity of Research supervisor at the Ph.D. level			
8.	Examination system	:	Semester (Choice Based Credit and Semester System)			
9.	Participation of the department in the courses offered by other departments	:	Open Courses (4 Credits)			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)	:		Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	-	5
			Associate Professors	4	2	4
			Asst. Professors	8	8	1
			Guest Faculty			1



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualifications	Designation	Specialization	No. of years of experience	No. of Ph.D./M.Phil Students guided for the last 6 yrs
Dr. S. Anas	M.Sc, B.Ed, Ph.D.	Assistant Professor	Polymer Chemistry	6 Years	M.Phil – 1 Ph.D ongoing- 3
Dr. G. Anilkumar	M.Sc, M.Phil., Ph.D	Associate Professor	Organic Chemistry	10 Years	M.Phil – 8 Ph.D submitted-2 ongoing- 5
Dr. Beena Mathew	M.Sc., Ph.D	Professor	Physical Chemistry	23 Years	M.Phil – 8 Ph.D awarded- 9 ongoing- 8
Dr. K.S. Devaky	M.Sc., Ph.D	Associate Professor	Organic Chemistry	23 Years	M.Phil – 4 Ph.D awarded- 8 ongoing- 8
Dr. I. Ibnu Saud	M.Sc., Ph.D	Professor	Organic Chemistry	23 Years	M.Phil – 2 Ph.D awarded- 3 ongoing- 3
Dr. A. S. Padmanabhan	B.Tech., M.S. Ph.D	Professor	Physical Chemistry	29 Years	M.Phil – 4 Ph.D awarded- 1 ongoing- 2
Dr. Pius Kuruvilla	M.Sc., Ph.D	Associate Professor	Physical Chemistry	25Years	M.Phil -2 Ph.D ongoing- 2
Dr. Raju Francis	M.Sc., Ph.D	Associate Professor	Chemistry	16 Years	M.Phil – 2 Ph.D awarded- 1 ongoing-3
Dr. Sabu Thomas	B.Tech., Ph.D. FRSC, D.Sc	Professor	Polymer science and Technology	29years	M.Phil – 6 Ph.D awarded- 23 ongoing- 8
Dr.Suresh Mathew	M.Sc., Ph.D	Professor	Inorganic Chemistry	16 Years	M.Phil – 5 Ph.D awarded- 5 ongoing- 4

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors

Sl.No	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Prof. M.R. Gopinathan Nair M.Sc., Ph.D.	Visiting Professor	Polymer chemistry
2.	Prof. P. Madhavan Pillai M.Sc., Ph.D	Visiting Professor	Organic chemistry
3.	Prof. M. Padmanabhan M.Sc., Ph.D	Visiting Professor	Inorganic chemistry
4.	Ms. Chithra Mohan M.Sc., M.Phil	Adjunct faculty	Physical chemistry

13. Percentage of classes taken by Temporary Faculty – Programme-wise information

No.	Course	Percentage
1	M.Sc. Chemistry (Inorganic Chemistry) M.Sc. Chemistry (Organic Chemistry) M.Sc. Chemistry (Physical Chemistry) M.Sc. Chemistry (Polymer Chemistry)	22%
2	M.Phil. Chemistry (Inorganic Chemistry) M.Phil. Chemistry (Organic Chemistry) M.Phil. Chemistry (Physical Chemistry) M.Phil. Chemistry (Polymer Chemistry)	30%
3	M.Tech. Polymer Science and Technology	30%
4	Ph.D. Course work	20%

14. Programme-wise student-teacher ratio

Course	Students	Teacher	Ratio
M.Sc.	32	10	3:1
M.Phil.	12	10	1:1
M.Tech.	10	2	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Technical Staff		Administrative Staff	
Filled	Actual	Filled	Actual
10	14	3	4



16. Research thrust areas as recognized by major funding agencies

<ul style="list-style-type: none"> • Synthetic organic chemistry • Catalysis • Medicinal chemistry • H₂ generation for energy source • Self-assembled materials • Synthetic and biopolymers • Hybrid materials • Environmental chemistry • Photochemistry • Polymer synthesis • Design, synthesis and studies of functionalized polymers • Green chemistry • Molecular sensors • Targeted drug delivery • Solid-phase peptide synthesis • Polymeric reagents • Enzyme-mimic reactions • Mathematical chemistry • Computational chemistry • Self avoiding walks • Statistical mechanics of reacting polymers 	<ul style="list-style-type: none"> • Hydrothermal synthesis. • Metal and metal oxide nanostructures • Nanophotocatalysis • Core-shell nanostructures • Open framework solids and crystal engineering • Thermal analysis of solids • Composite solid propellants • Nano ferrofluids • Chiral pool synthesis • Chemo, region- and stereo reaction pathways in organic reactions • Stereochemical structure determination using chiroptical spectroscopy • Polymer composites and blends • Ageing and degradation • Pervaporation phenomena • Interpenetrating polymers • Recyclability and reuse of waste plastics and rubbers • Elastomers • Creativity in science education
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17. Number of faculty with ongoing projects from: a) national, b) international funding agencies and, c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

a) National

SL.No	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	Synthesis of few Medicinally Important Chiral Molecules Derived from Renewable Resources (P I Dr.I.ibnu saud)	2013-2017	DST, Project No.SR/S1/OC-98/2012	55.00
2.	Respond project from ISRO	2016-2019	ISRO	19.20
Prof. Sabu Thomas				
3.	Development of Thermoplastic Vulcanizates (TPVs) from Natural	2009-2012	KSCSTE.	14.70

	Rubber and polypropylene Blends for the Fabrication of Automotive Parts and shoe Soles			
4.	Development of biodegradable dual porous polymer nanocomposite scaffold	2008-2011	DBT, New Delhi	58.59
5.	Carbon nanotube filled natural rubber nanocomposites.	2010-2013	UGC-DAE	4.00
6.	Development of high performance rubber modified epoxy resin/clay nanocomposites	2008-2011	UGC, New Delhi	8.89
7.	High performance polymer blend from epoxy resin and PTT for aerospace application	2009-20012	DRDO	25.30
Dr. Raju Francis				
8.	Synthesis And Applications of Star Block Copolymers, Dendrimers And Star Gel Containing Biocompatible Block (Dr. Raju Francis)	2007-2011	Council of Scientific & Industrial Research	14.00
9.	Acetic Anhydride Mediated Cyclodehydration of Various N-Substituted Maleamic Acids to Form Maleimido Derivatives – A Computational Study	2012-2014	UGC, New Delhi ,	25.00
Dr. G. Anilkumar				
10.	Copper catalysed C-C, C-O and C-S bond formations using N and O containing bidentate ligands.	2013-2016	KSCSTE	15.85
Total				240.53

b) International

Sl.No.	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1	Study of Fundamental Chemical and Physical Properties of Magnetic Ionic Liquid Nanofluids	2015-2018	DST-Poland	5.42

c) Total grants received: ₹ 245.95 Lakhs



18. Inter-institutional collaborative projects and associated grants received

• **National collaboration :**

Sl.No.	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	Development of high performance butyl rubber nano composites for barrier application (PI: Prof.Sabu Thomas)	2007-2011	DST –apollo tyres	39.94
2.	Tuning the properties of stimuli sensitive copolymers- A step towards purification of water (Dr. Raju Francis)	2009-2012	SERC-DST	28.35
Total				68.29

b) International:

Sl.No.	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	Study of Fundamental Chemical and Physical Properties of Magnetic Ionic Liquid Nanofluids	2015-2018	DST-Poland	5.42
2.	Hierarchial biocomposites from Isora fibres and unsaturated polyester	2014-2016	DST-Austria	15.00
Total				20.42

Total grants received: - 88.71 Lakhs

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. Total grants received.

Sl.No.	Title of the Project	Funding Agency	Grant Received (Lakhs)	Duration
1	UGC XI and XII Plan funds	UGC	40.00	2010-2016
2	DST FIST	DST	175.00	2012-2016
3	State Annual Plan Fund	Govt of Kerala	74.00	2010-2016
4	UGC SAP	UGC	75.00	2012-2016
5.	DST-PURSE	DST	225.00	2012-2016

Total grants received: ₹ 589 Lakhs

20. Research facility / centre with

- State recognition : Yes
- National recognition : Yes
- International recognition : Yes

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications

Sl. No	Publications	Total
1.	Refereed Journal Publications	385
2.	Monographs	Nil
3.	Conference Proceedings	25
4.	Chapters in Books	22
5.	Edited Books	44
6.	Books authored with ISBN	Nil
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
	Total	476

Details of *h*-index and citations

Name	<i>h</i> – Index	Total Citations
Dr. S. Anas	10	368
Dr G Anil kumar	22	1830
Prof. Beena Mathew	13	566
Prof. K.S. Devaky	8	128
Prof. I. Ibnu Saud	--	138
Prof. A. S. Padmanabhan	--	51
Dr. Pius Kuruvilla	3	13
Dr. Raju Francis	14	767
Prof. Sabu Thomas	78	27630
Prof. Suresh Mathew	17	812



23. Details of patents and income generated: 12 patent

SL.No	Patents Granted	Income generated
1	Photosensitizers and use thereof for generating hydrogen from water. N. Stefan, D. Uwe, B. Jens, H. Sascha, B. Matthias, Z. Horst-Werner, G. Felix, C. Daniela, D. Stefania, G. Anilkumar, L. Sebastian, J. Henrik, G. Serafino, B. Matthias US patent. US 2014/0023582 A1. (2014) Verfahren zur katalytischen oxidation von Wasser. G. Anilkumar, S. Losse, S. Gladiali, N. Marquet, F. Gartner, S. Dennura, H. Junge, M. Beller, D. Cozzula, German patent. DE 10 2011 079424 A1 (2013)	Nil
2	Ibnusaud and Sarath Muralidharan Pillai.Enatiopure total synthesis of indolizinoindole alkaloid (+) harmicine and (-) harmicine from (2S,3R)-Tetrahydro-3-hydroxy-5-oxo -2,3-furandicarboxylic acid (Hibiscus acid) and (2S,3S)-Tetrahydro-3-hydroxy-5-oxo -2,3-furandicarboxylic acid(Garcinia acid). Indian Patent application No . 3682/CHE/2016	Nil
3	Synthesis of(R)-(+)-Crispine Aand(S)-(-)-Crispine A from(2S,3R)- and (2S,3S)-Tetrahydro-3-hydroxy-5-oxo-2,3-furandicarboxylic acids, Divya Sadasivan Nair, Deenamma Habel and Ibrahim Ibnusaud, Indian Patent application No. 3484/CHE/ 2016S	Nil
4	Process for catalytic oxidation of water. N. Marquet, G. Anilkumar, F. Gartner, S. Losse, S. Dennura, D. Cozzula, S. Gladiali, M. Beller International Patent. WO 2013/010902 A1 (2013)	Nil
5	Photosensitizers and use thereof for generating hydrogen from water. N. Stefan, D. Uwe, B. Jens, H. Sascha, B. Matthias, Z. Horst-Werner, G. Felix, C. Daniela, D. Stefania,G. Anilkumar, L. Sebastian, J.Henrik, G. Serafino, B. Matthias International Patent.WO 2012/065833 A1. (2012)	Nil
6	Photosensibilisatoren und deren Einsatz zur wasserstoffereugung aus wasser. N. Stefan, D. Uwe, B. Jens,H. Sascha, B. Matthias, Z. Horst-Werner, G. Felix, C. Daniela,D. Stefania, G. Anilkumar, L. Sebastian, J. Henrik, G. Serafino, B. Matthias European Patent. DE 10 2010044155 A1. (2012)	Nil
7	Fibre reinforced composites with toughened epoxy matrix and a process for preparing the same, Application 940/CHE/2006, published 2007-12-07. Vattikuti Lakshmana Rao, Bejoy Francis, Rajagopal Ramaswamy, Kavour Ninan Ninan, Sabu Thomas. Ptent no. 276350, date of grant 17/10/2016	Nil

Patents filed		
1	Biodegradable, Biocompatible Wound Healing Dressing Film and ointment from the Biocomposite of Marine Origin, Indian Patent application: 840/DEL/2013, M.Kurup and Sabu Thomas	Nil
2	Highly gas impermeable elastomeric rubber- rubber blend nanocomposite, Indian Patent Application no: 135/CHE/2012, Sabu Thomas, Ajesh K. Zachariah, P.K. Mohammad, Arup Kumar Chandra.	Nil
3	Biodegradable, Biocompatible Wound Healing Dressing Film and ointment from the Biocomposite of Marine Origin, Indian Patent application : 840/DEL/2013, M. Kurup and Sabu Thomas.	Nil
4	Method for improving the comparative tracking index of polymer composites, Indian patent Application No:239/CHE/2014, Harinarayanan Puliyalil, Uros Cvelbar, Miran Mozetic, Sabu Thomas.	Nil
5	A polymer Nanocomposite, Process And Application there-of ,WIPO Publication number: WO2016142848 A1, Publication date: Sep 15, 2016, and Indian patent Application No: 638/DEL/2015 Mohammed Arif P, Sabu Thomas, Nandakumar Kalarikkal	Nil

24. Areas of consultancy and income generated

Analytical facilities are made available to research students of other schools/centres/colleges and these are offered on a suitable payment basis.

Income generated (2011-2016)

Financial year	Income generated in Rupees
2011-2012	1,38,130
2012-2013	67,660
2013-2014	64,400
2014-2015	53,450
2015-2016	29,950
Total	3,53,590



**25. Faculty selected nationally/internationally to visit other Laboratories/
institutions/industries in India and abroad**

Sl. No.	Name of Faculty	Laboratory/Intitutions
1	Dr. Sabu Thomas	<ol style="list-style-type: none"> 1. Universities in Croatia and Slovenia Nov. 2010 2. Universities in France, June, 2011 3. Universities in Korea. 2012 Feb 4. University of Strasbourg, Frace2012 April 5. Adam Mickiewicz University, Poznan, Poland , 2013 Feb, 6. Univerity of Basra, Iraq2014 March 7. University Tehcology, Mara, Malaysia,2014, April 8. Warsaw University of Tehcology, Warsaw, Poland , 2014 May 9. Durban University of Tehcnology, Durban, South Africa,2014 July 10. CSIR, Port Elizabeth, South Africa 2014, July 11. Cape Peninsula University of Tehcology, Cape Town, South Africa 2014 July, 12. LIMATB, University of South Brittany, France,2015, March 13. University of Strasborg , France 2015, March 14. Institute for Polymer Research Dresden (IPF), Germany 2015 March 15. Singapore, 2015May 16. University of Graz, Austria, 2015,May 17. Conference Turkey2015,August 18. Durban University of Technology, Durban, South Africa,2015, Invited Speaker
2	Dr. Suresh Mathew	<ol style="list-style-type: none"> 1. Rzeszow University of Technology, Rzeszow, Nov 26, 2015, Poland 2. New York University, Abu Dhabi, May 17, 2015, UAE
3	Dr I. Ibnusaud	<ol style="list-style-type: none"> 1. Vanderbilt University, Nashville, USA, June 2010 2. Sapporo, Japan ,JULY 2010 3. Purdue University, USA ,June 2012 4. Fort Worth, Texas, USA March 2012 5. Rutgers, The State University of New Joursey, NJ, USA 2012 6. Liverpool, UK 2011
4	Dr. Raju Francis	<ol style="list-style-type: none"> 1. Toyo University, JAPAN 2012 2. University of Hyderabad, India 2013

26. Faculty serving in: a) National committees, b) International committees, c) Editorial Boards, d) any other (please specify)

a) National committees

Sl. No.	Name of the faculty	Committee
1.	Dr. I. Ibnu Saud	1. Life Member, Indian Association of Chemistry Teachers, (IACT), Mumbai 2. Life Member , Chemical Research Society of India (CRSI), Bangalore. 3. Member Executive Council Indian Association of Chemistry Teachers, Homi Bhabha Centre for science Education (TIFR), Mumbai. (IACT).

b) International committees

Sl. No.	Name of the faculty	Committee
1.	Dr. Beena Mathew	Member of American Chemical Society
2.	Dr.Sabu Thomas	Fellow of the Royal Society of Chemistry, London (FRSC)2012, Member of American Chemical Society
3.	Dr.Suresh Mathew	Member of American Chemical Society

c) Editorial Boards

Sl. No.	Name of the faculty	Committee
1.	Dr.Sabu Thomas	1. Chief editor, Nano-Structures & Nano-Objects, Elsevier 2. SM Journal of Nanotechnology and Nanomedicine 3. Nano Advances 4. Materials Science and Engineering (Editorial Key Reviewers Committee) 5. International Journal Of Advances In Engineering Research 6. World Journal of Biotechnology 7. Journal of Emerging Materials Technology 8. Associate Editor, Bulletin of Materials Science 9. Regional Editor of the journal "Current Smart Materials
2.	Dr. G Anil kumar	1. Universal Journal of Chemistry Editorial board of Horizon Research Publishing, USA
3.	Dr.Suresh Mathew	1. Science Advanced Today 2. Science Letters 3. Science of Advanced Materials 4. International Journal of Nanotechnology



d) any other activities

Sl. No.	Name of Faculty	Committee
1	Dr.A.S. Padmanabhan	1. Reviewer of Manuscripts for Discrete Applied Mathematics
2	Dr. Beena Mathew	1. Reviewer of various of journals of Wiley, Elsevier, Taylor & Francis, and Springer Publishers 2. Member, Board of Studies, Central University of Kerala 3. Member, Board of Studies, School of Chemical Sciences, M. G. University 4. Member, Board of Studies, Department of Chemistry, CMS College (Autonomous), Kottayam (2015-) 5. Member, Board of Studies, Department of Chemistry, S.H College (Autonomous), Thevara, Ernakulam (2015-)
3	Dr. K.S. Devaky	1. Reviewer of various of journals of Biosynthesis 2. Membe , UG Board of studies, MGU 3. Member, Board of studies, SCS
4	Dr. I. Ibnu Saud	1. Member, Board of studies of MSc. Chemistry, School of Chemical Sciences, M. G. University. 2. Member, Board of studies of MSc. Chemistry (PG) in M. G. University
5	Dr. S. Anas	1. Member, MG university Senate 2. Member combined board of studies, IIRBS syllabus revision 2016 3. NAAC cell member, M.G. university 4. Member, core-committee of IIRBS 2016 5. Member, Board of studies PSRT, CUSAT 6. Member, Board of studies, SB College Changanassery 7. Additional chief superintend MGU off campus Examination Cherthala, 2015
6	Dr .G.Anilkumar	1.Reviewer of (a) American Journal of Chemistry & Material Sciences (b) Mini Review in Org. Chem. (c) Chemistry Select (d) Chem.Lett (e) Journal of Org.Chem (f) Lett.in Org.Chem (g) Tetrahedron (h) RSC Chemical Sciences (i) ChemSusChem (j) Jcs Pakistan

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, Workshops, training programs and similar programs)

Name of Faculty	Programme	Institute	Duration
Dr. G. Anil Kumar	Orientation course at ASC	University of Calicut	May 16- June 12, 2012
	Refresher course in Chemistry, ASC	Univ. of Hyderabad,	11.07.2012 to 31.07.2012
	Short term course for research guides in Sciences, ASC	Univ. of Kerala,	30.01.2013 to 20.02.2013
	Special Winter School, ASC	Univ. of Kerala	28.11.2014 to 18.12.2015
	Short term course in Soft skill development, ASC	Univ. of Kerala	24.02.2015 to 28.02.2015
	Faculty Development Programme in Concept Coaching by ICT	Univ. of Kerala	9-10 Dec 2014
	DST-PURSE sponsored Workshop on Frontiers of Spectroscopy and Microscopy	MGU Kottayam	September 10-12, 2012
	National Workshop on Computational Chemistry		May 31- June 3, 2013
	National Workshop on Advances in Instrumental Techniques for Nanomaterial characterization	IITM-K, Trivandrum	7-8 March, 2014
	National Workshop on Computer Aided Drug Design Workshop for College Chemistry Students and Teachers	IITM-K, Trivandrum	27-30 March, 2014
International and Interuniversity workshop on Microscopy	IITM-K, Trivandrum	6-8 October 2015	
Dr.I.Ibnu saud	Innovation in Science Pursuit for DST Inspire Research Camp	S.H College, Thevara	12 Sept. 2012
	The Art of Scientific Research		July 05, 2011.
	CSIR - Open Source Drug Discovery (OSDD) meeting	School of BioSciences, M G University	02.07.2011



	CSIR - Open Source Drug Discovery (OSDD) meeting	IIRBS	24 th June 2011
Dr.S.Anas	UGC-sponsored Orientation Programme	University of Kerala	03-10-2013 to 30-10-2013
	UGC-sponsored special summer school conducted by UGC	University of Kerala	30-7-2014 to 19-8-2014
	Emerging Youth” for National Service Scheme (NSS) Volunteers of Govt. Devi vilasom HSS, Kudavechoor, Vaikom	Gov. H.S.S. T.V. Puram, Vaikom	22 nd December 2015
	One day workshop on NAAC accreditation process	Mahatma Gandhi University	12 th April 2016
	Work shop on ”Fundamentals and applications Material science	Mahatma Gandhi University	Mach 4-6
	One day outreach program hosted by IICUNN, Kottayam on Facilitating innovation and Patent filing	IUCIPRS and MHRD Chair on IPR, CUSAT	February 29, 2016
	Faculty Development Programme in Concept Coaching by ICT Academy of Kerala	University of Kerala,ASC	9-10 Dec 2014
	Dr.Raju Francis	1.UGC Refresher Course programme	
Dr.Suresh Mathew	1. Workshop on Advanced Materials And Modern Manufacturing Techniques 2.National Workshop on Renewable Energy Technologies (2016)	Saintgits College of Engineering St. Alberts College, Ernakulam	2014 31 Oct-02 Nov, 2014

Other recharging activities of teachers
Seminar /Conference Attended/ Presented Papers

Sl. No.	Details
1.	Presented a paper in the First International Conference on Composites and Nanocomposites (ICNC - 2011) January 7-9, 2011 in Mahatma Gandhi University, Kottayam, Kerala. “Synthesis and Characterization of Silver Nanoparticles Loaded Poly(N-isopropyl)acrylamide Based Terpolymer” (Dr. Raju Francis)
2.	Presented a paper in the International Conference “Functional Polymers” held in NIT Calicut, Kerala, India during 28-30 January, 2011. “Synthesis and Characterization of Polystyrene-block-Chitosan Star Polymer” (Dr. Raju Francis)

3.	Synthesis and Characterization of Silver Nanoparticles Loaded Poly(N-isopropyl) acrylamide Based Terpolymer". Nijil E. T. and Raju Francis. Second International Symposium in Frontiers in Polymer Science, 29-31 May 2011, Centre de Congrès, Lyon, France. (Dr. Raju Francis)
4.	Hazardous dye removal from Water using polymeric hydrogels, Gigimol M.G, Dhanya K.R and Beena Mathew , 22nd Kerala Science Congress, KFRI, (Peechi) 2010.
5.	Adsorption of Rose Bengal by Crosslinked Poly (N-Vinyl pyrrolidone), Dhanya K.R, Gigimol M.G and Beena Mathew , 97th Indian Science Congress 2010, University of Kerala, Thiruvananthapuram, 13-17, January 2010.
6.	Microwave assisted polymer-supported oxidation reactions using polyvinylpyrrolidone-bromine complexes, Saju M. Sebastian, Beena Mathew & Ebey P. Koshy, 21st Swadeshi Science Congress, Kollam, Swadeshi Science Movement, Nov 7-9, 2011 Hazardous dye removal from Water using polymeric hydrogels, Gigimol M.G, Dhanya K.R and Beena Mathew , 22nd Kerala Science Congress, KFRI, (Peechi) 2010.
7.	Adsorption of Rose Bengal by Crosslinked Poly (N-Vinyl pyrrolidone), Dhanya K.R, Gigimol M.G and Beena Mathew , 97th Indian Science Congress 2010, University of Kerala, Thiruvananthapuram, 13-17, January 2010
8.	Synthesis of 2,4-D imprinted polymers with high specificity and selectivity (oral), K.M. Annamma, National Conference on Advances in Nanoscience and Technology, Amal Jyothi College of Engineering 22-23, April 2010.
9.	Significance of polymeric hydrogels for the removal of hazardous dye Malachite Green from water, Gigimol M.G, Dhanya K.R and Beena Mathew , International Conference on Polymer processing & characterisation M. G. Univ. Kottayam January 15-17, 2010.
10.	Co-polymeric hydrogel for the removal of hazardous dye Malachite Green from Water, Gigimol M.G, Dhanya K.R and Beena Mathew , National Seminar on Nanomaterials, Amal Jyothi College of Engineering, Kanjirappally 22-23, 2010
11.	Dependence of the degree of crosslinking on the enantioselectivity of D-Mandelic acid imprinted polymer, Smitha K. R & Beena Mathew , UGC sponsored National Seminar on Green Chemistry, Alphonsa College, Pala, July 2010.
12.	Design of Semi IPNs for selective Metal Ion Binding, Shiby Susan Kuriakose, Beena Mathew , UGC sponsored National Seminar on Green Chemistry, Alphonsa College, Pala, July 2010.
13.	Design of Metal ion selective polymers by ion imprinting, Bindu M. S & Beena Mathew , UGC sponsored National Seminar on Green Chemistry, UGC sponsored National Seminar on Green Chemistry, Alphonsa college, Pala, July 2010
14.	Molecular imprinted polymers of a flavanoid, Subi Joseph & Beena Mathew , UGC sponsored National Seminar on Green Chemistry, Alphonsa college, Pala July 2010.
15.	Processing & Characterization of Polymeric Hydrogels & the Removal of Hazardous dye Malachite Green from Water, Gigimol M.G, Dhanya K.R, Beena Mathew , International Conference MSE-2010-Material Science and Engineering Technical University, Darmstadt, Germany 24-26, August 2010
16.	Role of polymeric hydrogels in the environment, Gigimol M.G, Dhanya K.R and Beena Mathew , ACS 178 Technical Meeting (Rubber Division), Online Ailwaukee, WI, USA, October 12-14, 2010



17.	Rose Bengal Bound NNMBA-Crosslinked Aminopolyacrylamide as Polymeric Photosensitizer, Gigimol M.G, Dhanya K.R and Beena Mathew , National Conference on current trends in Chemistry NCCTC-10, Bharatiar University, Coimbatore 2- 3, December 2010
18.	Photo oxidizing Ability of NNMBA-Crosslinked Amino polyacrylamide, Gigimol M.G, Dhanya K.R and Beena Mathew , National Conference on current trends in Chemistry NCCTC-10 Bharatiar University, Coimbatore 2- 3, December 2010
19.	Synthesis and Characterization of Crosslinked Poly N-vinyl pyrrolidone and Binding of Rose Bengal by Poly N-vinyl pyrrolidone, Gigimol M.G, Dhanya K.R and Beena Mathew , International Conference on Functional Polymers, NIT Calicut, Jan 28-30, 2011
20.	Treatment of Waste Water by using TTEGDA- crosslinked Acrylic Acid-N-Vinyl pyrrolidone Co polymeric Hydrogel, Gigimol M.G, Dhanya K.R and Beena Mathew , International Conference on Functional Polymers, NIT Calicut, Jan 28-30, 2011
21.	Microwave assisted polymer-supported oxidation reactions using polyvinylpyrrolidone-bromine complexes, Saju M. Sebastian, Beena Mathew & Ebey P. Koshy, 21st Swadeshi Science Congress, Kollam, Swadeshi Science Movement, Nov 7-9, 2011
22.	Composites and Nanocomposites, Sabu Thomas & Mathew , First International conference, organized by Institute of macromolecular Science and engineering, & Beijing University of chemical Tecnology, BeiSan Huan East Road 15#, Chaoyang District, Beijing, China
23.	Presented a paper on Latest in Polymers in the international conferences organized by J.J Murphy Centre held at the Rubber Park Campus, Kochi, Kerala (Dr. Sabu Thomas)
24.	Anas, S. ; Jahn, B.O.; Dahlstrand, C.; Nauoozi, D.; Ott, S.; Ottosson, H. Synthesis and exploration of 6,6-dicyanosubstituted fulvenes in their lowest excited states; a poster presented at the symposium on Trends in organic Chemistry : The Physical organic View, Uppsala University, Sweden, November, 2012, P05
25.	Anas, S. ; Jahn, B.O.; Dahlstrand, C.; Ottosson, H. Synthesis and exploration of substituted fulvenes in their lowest excited states; a poster presented at 21st IUPAC International conferences on Physical organic Chemistry (ICPOC-21), Durham University, UK, September, 2012, P012
26.	Anas, S "Alternative Resources in Kerala" in the New Kerala development forum organized by solidarity Youth movement held at Ernakulam on 2011 March 11.
27.	Materials (ICRRM – 2013), March 6-9, 2013, Rubber Technology Centre, IIT Kharagpur – 721 302 (Dr. Sabu Thomas)
28.	Oral presentation of paper by Hanna J Maria International Conference on Rubber and Rubber like Materials (ICRRM – 2013), March 6-9, 2013 Rubber Technology Centre, IIT Kharagpur – 721 302 (Dr. Sabu Thomas)
29.	Oral presentation of paper by Runcy Wilson, National seminar on Advanced Polymers SCIENTIA-2012., Mahatma Gandhi University College of Engineering, Muttom, Thodupuzha 685 587, Kerala (Dr. Sabu Thomas)
30.	Oral presentation of paper by Hanna J Maria National seminar on Advanced Polymers SCIENTIA-2012., Mahatma Gandhi University College of Engineering, Muttom, Thodupuzha 685 587, Kerala (Dr. Sabu Thomas)
31.	Transition State Analogue Imprinted Polymer as an Efficient Catalyst for the Hydrolysis of Amino Acid Esters: Christy Philip and K. S. Devaky , International

	Conferences on Advances in Material Sciences (ICAMS-2013) Sree Sankara College , Kalady 23 -24 October 2013.
32.	Nano isorecticular metal organic frameworks- A review”; Vandana P.V, Seetharaj. R, Suresh Mathew , National Seminar on Nano science and Technology on February 15th& 16th, 2013 at Department of Science and Humanities, Sree Narayana Gurukulam College of Engineering, Kadayiruppu, Kolenchery
33.	Catalytic activity of NanoCuO in the thermal decomposition of ammonium perchlorate – A review”, Jisna Jos, Suresh Mathew , National Seminar on Nano science and Technology on February 15th& 16th, 2013 at Department of Science and Humanities, SreeNarayanaGurukulam College of Engineering, Kadayiruppu, Kolenchery
34.	Grapheme based TiO ₂ Nano composites- A review”, Divya K.S, Suresh Mathew . National Seminar on Nano science and Technology on February 15th& 16th, 2013 at Department of Science and Humanities, SreeNarayanaGurukulam College of Engineering, Kadayiruppu, Kolenchery
35.	Termary Hybrid of Nano TiO ₂ with noble metal and graphene- A Review, Umadevi T.U, Suresh Mathew , National Seminar on Nano science and Technology on February 15th& 16th, 2013 at Department of Science and Humanities, SreeNarayanaGurukulam College of Engineering, Kadayiruppu, Kolenchery
36.	Development of photocatalytic efficient palladium loaded titania nanostructures, T. Suprabha, Suresh Mathew , National Seminar on Nano science and Technology on February 15th& 16th, 2013 at Department of Science and Humanities, Sree Narayana Gurukulam College of Engineering, Kadayiruppu, Kolenchery
37.	Invited Talk on Photocatalysis of Nanotitania in National Seminar on Nano science and Technology on February 15th& 16th, 2013 at Department of Science and Humanities, SreeNarayanaGurukulam College of Engineering, Kadayiruppu, Kolenchery(Suresh Mathew)
38.	Design of hormone selective membrane for the recognition of testosterone, Anju Augustine & B. Mathew . 25th Kerala science congress Thiruvananthapuram KSCSTE, January, 2013
39.	Testosterone receptopr bindig mimic constructed using molecular imprinted membranes, Anju Augustine & B. Mathew . International Conference on Asian Polymer Association, Punjab University, February 21-23, 2013.
40.	Synthesis and Characterisation of Anti-tumour Drug Imprinted Polymer on Multi-Walled Carbon Nanotubes, Sooraj M. P & B. Mathew . International Conference on Multidisciplinary Frontiers of Medicinal Chemistry: Synthesis, Molecular biology & Technology SASTRA University, Thanjavur, January 18-19, 2013.
41.	Artificial Receptor Systems on Multi-Walled Carbon Nanotube for Anti-Tumour Drug recognition: Synthesis, Characterisation & Optimization, Sooraj M. P & B. Mathew . The India-Israel Meeting on Material science and Nanoscience (IIMMN-2013), Centre for Nanoscience and Technology, Mahatma Gandhi University Kottayam, January 18-19, 2013.
42.	Molecularly Imprinted Polymer on Multi-Walled Carbon Nanotube for Cimetidine Recognition, Sooraj M. P & B. Mathew . National seminar on Nanoscience and Technology, Sree Narayana College of Engineering, Ernakulam, February 15-16, 2013.
43.	Synthesis and Characterisation of Anti-tumour Drug Tailored Molecularly Imprinted Polymer on Multi-Walled Carbon Nanotubes, Sooraj M. P & B. Mathew . International Conference on Asian Polymer Association Punjab University, February 21-23, 2013.



44.	Tailoring of Sorbents with Enhanced Chiral Recognition Properties by Molecular Imprinting Approach on Multiwalled Carbon Nanotubes, Sajini T, Rohini Ashok & Beena Mathew . International Conference on Asian Polymer Association Punjab University, February 21-23,2013.
45.	Molecular Imprinting Approach on Multiwalled Carbon Nanotubes for the Design of Enantioselective Sorbents for D-Mandelic Acid, Sajini T, Rohini Ashok & Beena Mathew , CTriC-2013 Cochin University, March 22-23, 2013.
46.	Molecularly Imprinted Polymer on Multi-Walled Carbon Nanotubes for Cimetidine Recognition: Synthesis and Characterisation, Sooraj M. P & B. Mathew First International Conference on Advanced Nanocomposite for Construction Materials (ICNC 2013), M.G. University, Kottayam, March 12-14, 2013.
47.	Recognition of 5-Fluoro uracil (5- FU) by multiwalled carbon nanotubes, Jeena Abraham & B.Mathew . Indo-IsraelInternational conference Nanoscience andMahatma Gandhi University, Kottayam,2013.
48.	Fabrication of multiwalled carbon nanotubes based on the molecularly imprinted polymers for 5-Fluoro uracil recognition, Jeena Abraham & B. Mathew International Conference on Asian Polymer Association Punjab University, February 21-23, 2013.
49.	Microwave assisted synthesis of starch stabilized silver nano particles and its catalytic and antibacterail activity studies, Siby Joseph & B. Mathew . Indo-Israel International conference Centre for Nanoscience and Technology, Mahatma Gandhi University Kottayam, January 18-19, 2013.
50.	Removal of toxic metal ions from simulated waste water by solid phase extraction using hydrophilic semi-interpenetrating polymer networks, Shiby Susan Kuriakose & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012.
51.	Crosslinked aminopolyacrylamide supported Rose Bengal as polymeric photosensitize, Gigymol M. G & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012.
52.	Design of Copper Ion Selective Polymers with Enhanced Selectivity and Specificity, Bindu M. S & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012.
53.	Prof. Sabu Thomas , 2013 Feb, Invited Speaker, Adam Mickiewicz University, Poznan, Poland
54.	Effect of crosslinking on the reactivity of Polyacrylamide-supported chromates, Suma Bino Thomas & B. Mathew . UGC sponsored national seminar on Modern trends in Organic Chemistry, Baselius College, Kottayam, 2012.
55.	Design of molecular imprinted polymers with selectivity towards of L-phenyl lactic acid, Smitha K. R & B.Mathew . UGC sponsored national seminar on Modern trends in Organic Chemistry, Baselius College, Kottayam, 2012.
56.	Development of a new chitosan IPN as a chelating agent for environmental application Shiby Susan Kuriakose & Beena Mathew . Kerala Science Congress, Rubber Board, Kottayam, 2012
57.	Cooperative catalysis of a transition state analogue (TSA) imprinted polymer for hydrolytic reaction of amino acid esters, Deepthi K. P & B. Mathew . UGC sponsored national seminar on Modern trends in Organic Chemistry Baselius College, Kottayam,2012
58.	A Transition State Analogue Imprinted Polymer as an Efficient Catalyst for Amino Acid Ester Hydrolysis, Deepthi K. P & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012.

59.	Fabrication of multiwalled carbon nanotubes based on the molecularly imprinted polymers for 5-Fluoro uracil recognition, Jeena Abraham & B. Mathew International Conference on Asian Polymer Association Punjab University, February 21-23, 2013.
60.	Microwave assisted synthesis of starch stabilized silver nano particles and its catalytic and antibacterail activity studies, Siby Joseph & B. Mathew . Indo-Israel International conference Centre for Nanoscience and Technology, Mahatma Gandhi University Kottayam, January 18-19, 2013
61.	Removal of toxic metal ions from simulated waste water by solid phase extraction using hydrophilic semi-interpenetrating polymer networks, Shiby Susan Kuriakose & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012
62.	Crosslinked aminopolyacrylamide supported Rose Bengal as polymeric photosensitize, Gigymol M. G & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012.
63.	Design of Copper Ion Selective Polymers with Enhanced Selectivity and Specificity, Bindu M. S & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012. Prof. Sabu Thomas , 2013 Feb, Invited Speaker, Adam Mickiewicz University, Poznan, Poland
64.	Effect of crosslinking on the reactivity of Polyacrylamide-supported chromates, Suma Bino Thomas & B. Mathew . UGC sponsored national seminar on Modern trends in Organic Chemistry, Baselius College, Kottayam, 2012.
65.	Design of molecular imprinted polymers with selectivity towards of L-phenyl lactic acid, Smitha K. R & B.Mathew . UGC sponsored national seminar on Modern trends in Organic Chemistry, Baselius College, Kottayam, 2012.
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68.	A Transition State Analogue Imprinted Polymer as an Efficient Catalyst for Amino Acid Ester Hydrolysis, Deepthi K. P & Beena Mathew . Frontiers in Chemical Sciences FICS2012 IIT, Guwahati, Nov 27-29, 2012
69.	Enantioselectivity of Chymotrypsin Mimic in Amidolysis of dipeptides: Divya Mathew, Benny Thomas and K. S. Devaky ; International Conference on Advanced in Materials and its applications, Alphonsa College ,Palai, 26- 28 March 2014.
70.	Study on the catalytic Activity of Transition State Analogue imprinted Enzyme Mimic and Evaluation of the Imprinting Effect in the hydrolysis of Dipeptides: National Seminar on Advances in Nanomaterials and Polymers, Divya Mathew, Benny Thomas and K. S. Devaky , Bharatha Mata College, Thrikkakkara, 11 & 12 March 2014
71.	Preparation and catalytic activity of TSA imprinted polymer for the hydrolysis of amino acid esters, Christy Philip and K.S. Devaky , 23rd Swadeshi Science Congress, Kottayam
72.	Catalytic Amidolysis of Methyl Ester of N-t-Butyloxycarbonyl-O-Benzyltyrosyl Glycine using Polymer-Supported Transition State Analogues as Chymotrypsin Mimic: Divya Mathew, Benny Thomas and K. S. Devaky ; National Seminar on Recent Advances in Material Science, NSS College, Vazhoor 4 & 5 March 2014.



73.	Polymer Anchored Transition State Analogues for Amidolysis: Divya Mathew, Benny Thomas and K. S. Devaky ; Proceedings of the National Seminar on Emerging Trends in Polymeric Materials, Christian college Chengannur , 23 & 24 January 2014.
74.	Solid phase synthesis of peptoids and. their metal ion binding properties, Geetu Joseph and K. S. Devaky ; 04-016 26th Kerala Science congress , Wayanad 28-31 January, 2014
75.	Invited talk on “Fundamentals and Applications of Pericyclic Reactions” at M.E.S College, Nedumkandam, Kerala in a National Seminar on “Conducting materials probing methods: Novel properties and Emerging applications on 19th December 2013 (S.Anas)
76.	A.M. Rouf, J. Tibbelin, B. O. Jahn, S. Anas , R. Emanuelsson, K.Loizinski, H.Ottosson. Efficient and convenient acid catalyzed hypersilyl protection of alcohols and thiols by tris(trimethylsilyl)silyl-N,N-dimethylmethaneamide. a paper presentation at 245th ACS
77.	National Meeting and Exposition. New Orleans, Louisiana, USA April 7-11, 2013, #pub312. (S.Anas)
78.	Paper presented entitled “Our research practices: A re-search” in the national seminar on ”Research Education in Kerala: Trends/Gaps” organized by Society for Educational (S.Anas)
79.	Research in connection with Kerala Education Congress conducted by SIO Kerala Chapter held at Thiruvananthapuram on 16-17 November 2013. (S.Anas)
80.	Invited talk on “Emerging Trends in Organic Chemistry” at T.K.M.M. College, (S.Anas)
81.	Nangiarkulangara, Harippad, as part of the College seminar series Darsan-2014 on 18th February 2014. (S.Anas)
82.	Polyacrylonitrile based molecular imprinted membranes for the detection of progesterone in human urine, Anju Augustine & Beena Mathew . The International Conference on Advanced Materials and its Applications (ICAMA 2014, Alphonsa College, Pala, March 26-28, 2014.
83.	A facile approach for the separation of chiral molecules using molecular imprinting technique on multiwalled carbon nanotubes, Sajini T & Beena Mathew . The International Conference on Advanced Materials and its Applications (ICAMA 2014), Alphonsa College, Pala, March 26-28, 2014.
84.	Molecularly imprinted polymers of 5-Fluoro uracil surface based on multiwalled carbon nanotube, Jeena Abraham & Beena Mathew . ICMCT-2014 Vellore Institute of Tecnology, Vellore, March 10-12, 2014.
85.	Tailoring of enantio-selective nanosorbents using molecular imprinting technology, Sooraj.M.P & Beena Mathew . National Seminar on Emerging Trends in Polymeric Materails (ETPM 2014) Department of Chemistry, Christian College, Chengannur, January 23-24, 2014
86.	Synthesis and characterization of vinyl functionalized multiwalled carbon nanotub basedmolecularly imprinted polymer for the separation of 5-Fluoro uracil, Jeena Abraham & Beena Mathew . National Seminar on Emerging Trends in Polymeric Materails (ETPM 2014), Department of Chemistry, Christian College, Chengannur, January 23-24, 2014.
87.	Polyacrylonitrile based molecular imprinted membranes for the detection of progesterone in human urine, Anju Augustine & Beena Mathew . The International Conference on Advanced Materials and its Applications (ICAMA 2014), Alphonsa College, Pala, March 26-28, 2014.

88.	Enantiomeric separation of L-DOPA by structure-specific sorbents based on nanostructure, Sooraj.M.P & Beena Mathew . The International Conference on Advanced Materials and its Applications (ICAMA 2014), Alphonsa College, Pala, March 26-28, 2014.
89.	pH Triggered vesicle and biodegradable polymersomes based on PEG-b-PCL grafted poly(α -amino ester) for anti-cancer drug delivery, Jeena Abraham & Beena Mathew . The International Conference on Advanced Materials and its Applications (ICAMA 2014), Alphonsa College, Pala, March 26-28, 2014.
90.	Synthesis of silver nanoparticles by microwave irradiation and investigation of their catalytic activity, Siby Joseph & B. Mathew . 3rd International science congress, International science congress association, December 8-9, 2013
91.	Microwave assisted synthesis of silver nanoparticles and evaluation of their catalytic activity, Siby Joseph & B. Mathew . National conference on recent trends in material science & technology Department of Chemistry, Indian Institute of space science & technology, July 10-12, 2013.
92.	Fabrication of molecularly imprinted sorbents based on multiwalled carbon nanotubes for selective and sensitive determination of tyramine, Rohini Ashok & B. Mathew . National Conference on Recent Trends in Materials Science & Technology, NCMST-2013 IIST, Thiruvananthapuram, Kerala, India, July 10-12, 2013.
93.	Tailoring of Recognition Sites for Tyramine using Molecular Imprinting Approach on Multiwalled Carbon Nanotube, Rohini Ashok & B. Mathew . International Conference on Advances in Material Science ICAMS 2013, Post Graduate Department of Chemistry, Sree Sankara College Kalady, Kerala, India, October 23-24, 2013
94.	Tailoring of sorbents for the selective recognition of tyramine based on molecular imprinting approach on multiwalled carbon nanotube, Rohini Ashok & B. Mathew . Science Congress, ISC-2013 Karunya University, Coimbatore, Tamil Nadu, India, December 8-9, 2013.
95.	Prof. Sabu Thomas , Senior Visiting Professor, University Technology Mara (UiTM), Malaysia
96.	Prof. Sabu Thomas , 2014 June, Visiting Professor, Warsaw University of Technology, Warsaw, Poland
97.	Prof. Sabu Thomas , 2014 March, Plenary Speaker, University of Basra, Iraq
98.	Prof. Sabu Thomas , 9th International Materials Technology & Conference (IMTCE2014)-Masterclass at PWTC, Kuala Lumpur., Invited Speaker, University Tehcology, Mara, Malaysia
99.	Prof. Sabu Thomas , 2014, Invited Speaker, Warsaw University of Tehcology, Warsaw, Poland
100.	Prof. Sabu Thomas , 2014 , Invited Speaker, Durban University of Tehcnology, Durban, South Africa
101.	Prof. Sabu Thomas , 2014, July, Invited Speaker, CSIR, Port Elizabeth, South Africa
102.	Prof. Sabu Thomas , 2014 July, Invited Speaker, Cape Peninsula University of Tehcology, Cape Town, South Africa
103.	Prof. Sabu Thomas , 2014, Invited Speaker, Spain
104.	Prof. Sabu Thomas , Invited Speaker, IPC2014 Secretariat, The Society of Polymer Science, Japan (SPSJ), Tokyo Japan



105.	Invited Talk , Prof.Sabu Thomas , Third International Conference on Recycling and Reuse of Materials (ICRM 2014): April 2014
106.	Invited Talk , Prof.Sabu Thomas , First World Conference on Fracture and Damage Mechanics (FRACTURE 2014): August 2014.
107.	Prof.Sabu Thomas , Third International Conference on Polymer Processing and Characterization (ICPPC 2014) : October 2014
108.	Invited Talk, Prof.Sabu Thomas , Second International Conference On Nanostructured Materials and Nanocomposites (ICNM 2014): December 2014
109.	Invited Talk , Prof.Sabu Thomas International Symposium on Advanced Polymeric Materials 2014 (ISAPM 2014) held at Putra World Trade Centre, Kuala Lumpur, Malaysia
110.	Cerificate of Appreciation to Prof. Sabu Thomas , Invited Speaker International Polymer technology Conference ans Exhibition 2013,Organised by Faculty of Applied Science, UiTM,, Malaysia and German Alumni Association Malaysia.
111.	Prof.Sabu Thomas ,Invited Speaker, National Seminar on Nanotechnology and renewable Energy, 2013.Organised by K.E .College Mananam
112.	Prof.Sabu Thomas , - Chief Guest And Delivered Keynote Speak In A 3 Day Workshop On Advanced Materials And Modern Manufacturing Techniques (AMMMT-2014)On "Nano Materials For Futuristic Applications organized by Saintgits College of Engineering in association with ISTE Saintgits chapter
113.	Invited Talk by Prof.Sabu Thomas , National Conference on Recent trends in Material Science and Technology,2013 Organisd by Dept.of Chemistry,Indian Institute of Space science and Technology,Govt of India,Valiyamala
114.	Oral presentation by Shainu Koshy,.International Symposium on Advanced Polymeric Materials (Prof.Sabu Thomas)
115.	Anu Tresa Sunny Presented a poster by POLYCHAR 22 - 11 April 2014, Stellenbosch, South Africa (Prof.Sabu Thomas)
116.	(ISAPM 2014) organized by Institute of Materials, Malaysia (IMM), held at Putra World Trade Centre, Kuala Lumpur, Malaysia
117.	Oral presentation by Hanna J Maria for paper entitled “ The role of nanoclay in harmonizing the properties of immiscible and incompatible natural rubber/nitrile rubber blends in . International Symposium on Advanced Polymeric Materials 2014 (ISAPM 2014) held at Putra World Trade Centre, Kuala Lumpur, Malaysia, (Prof.Sabu Thomas)
118.	Presented a poster Hanna J Maria in International Conference on Advanced Polymeric Materials (ICAPM-2013) organized by the International Unit of Macromolecular Research, Mahatma Gandhi University, Kottayam, Kerala, India during Octoer 11, 12 and 13, 2013 (Prof.Sabu Thomas).
119.	International Conference on Frontiers of Mass Spectrometry ICMS 2013 on 6-9 September, 2013 at Kottayam, (Dr. S. Anas)
120.	National Colloquium on Recent Trends in Organic and Bioorganic Chemistry on 24-26 October,2013 at Calicut University, Calicut, (Participation, (Dr. S. Anas))
121.	National Conference on Heavy Metals in Environment HME 2013 on 28-30 November, 2013 at Kottayam (Participation, (Dr. S. Anas))
122.	National Symposium on Recent Advances in Macromolecular Science and Engineering on 30-31 December, 2013 at Kottayam (Participation, (Dr. S. Anas))
123.	26th Kerala Science Congress at Kerala Veterinary University, on 28-31 January, 2014 at Pookode Wayanad Participation, (Dr. S. Anas)

124.	International Conference on Nano Biomaterials Nanobio 2014 on 4-6 July, 2014 at Kottayam (Participation, (Dr. S. Anas))
125.	National Colloquium on Recent Trends in Organic and Bioorganic Chemistry on 18-20 July, 2014 at Kottayam(Participation, (Dr. S. Anas))
126.	National Symposium on Transcending Frontiers in Organic Chemistry 2014 at NIIST Trivandrum 9-11 October 2014 (Participation (Dr. S. Anas))
127.	3rd Euro-India International Conference on Nanomedicine and Tissue Engineering ICNT 2013, 9-11Aug, 2013, Kottayam (Participation (Dr. S. Anas))
128.	Preparation of Functionalized Polystyrene-co-Polysioiprene Star Gel by Photochemical RAFT Polymerization at Ambient Temperature. Raju Francis and Deepa K. Baby. APA International Congress on Advances in Human Healthcare Systems, "Healthcare India 2012", February 20-23, 2012, New Delhi, India.
129.	N-Methylolmaleimide – A Comonomer Which Reversibly Changes the LCST Value of Thermo Sensitive Polymers". Raju Francis , Soumya Sasikumar and Deepa K. Baby. World Congress on Engineering and Technology (CET 2012). Beijing, China from Oct. 26 to Oct. 28, 2012.
130.	Synthesis of Organic-Inorganic Hybrid Materials- Their Morphological Studies Using Scanning Electron Microscopy". Geethy P. Gopalan, Anjaly Sivadas and Raju Francis . DAE-BRNS 4 th Interdisciplinary Symposium on Material Chemistry, ISMC-2012 held at BARC, Mumbai, December 11-15, 2012.
131.	N-Methylol Maleimide – A Comonomer Which Causes Changes in Morphological Behaviour of Thermosensitive Copolymers". Soumya Sasikumar, Deepa K Baby and Raju Francis . DAE-BRNS 4 th Interdisciplinary Symposium on Material Chemistry, ISMC-2012 held at BARC, Mumbai, December 11-15, 2012
132.	Reactive Blending of Star Block Copolymers with Epoxy Precursor - TEM and SEM Analysis. Amrutha P Thankachan, Deepa K Baby and Raju Francis . DAE-BRNS 4 th Interdisciplinary Symposium on Material Chemistry, ISMC- 2012 held at BARC, Mumbai, December 11-15, 2012
133.	Preparation of Functionalized Polystyrene-co-Polysioiprene Star Gel by Photochemical RAFT Polymerization at Ambient Temperature. Raju Francis and Deepa K. Baby. APA International Congress on Advances in Human Healthcare Systems, "Healthcare India 2012", February 20-23, 2012, New Delhi
134.	N-Methylolmaleimide – A Comonomer Which Reversibly Changes the LCST Value of Thermo Sensitive Polymers. Raju Francis , Soumya Sasikumar and Deepa K. Baby. World Congress on Engineering and Technology (CET 2012). Accepted for presentation. Beijing, China from Oct. 26 to Oct. 28, 2012.
135.	Synthesis of Organic-Inorganic Hybrid Materials- Their Morphological Studies Using Scanning Electron Microscopy. Geethy P. Gopalan, Anjaly Sivadas and Raju Francis . DAE-BRNS 4 th Interdisciplinary Symposium on Material Chemistry, ISMC-2012 held at BARC, Mumbai, December 11-15, 2012
136.	"N-Methylol Maleimide – A Comonomer Which Causes Changes in Morphological Behaviour of Thermosensitive Copolymers". Soumya Sasikumar, Deepa K Baby and Raju Francis . DAE-BRNS 4 th Interdisciplinary Symposium on Material Chemistry, ISMC-2012 held at BARC, Mumbai, December 11-15, 2012
137.	Complexation and Efficient Removal of Metal ions by Tailor Made Polymeric Materials". Deepa K. Baby, Soumya Sasikumar and Raju Francis . International Conference on Advanced Functional Materials, ICAFM -2014 to be held in Trivandrum during Feb 19-21, 2014



138.	N-Methylolmaleimide – A Comonomer Which Reversibly Changes the Thermo Sensitive Properties of Polymers” by Raju Francis , Soumya Sasikumar and Deepa K. Babyhas been accepted for oral presentation in the International Conference On Applied Chemistry (ICONAC) to be held on 5-7 March 2014 at Fiji National University (FNU), Suva, Fiji.
139.	Autocatalytic Sol-gel synthesis of Organic-Inorganic Hybrid Material”. Geethy P Gopalan and Raju Francis . DAE-BRNS 5 th Interdisciplinary Symposium on Material Chemistry, ISMC-2014, BARC, Mumbai, December 11-15, 2014.
140.	Synthesis, Morphological Studies and Mechanical Properties of Star Polystyrene - Epoxy Blends. Anjaly Sivadas, Deepa K.Baby and Raju Francis , DAE-BRNS 5 th Interdisciplinary Symposium on Material Chemistry, ISMC-2014, BARC, Mumbai, December 11-15, 2014.
141.	Role of Initiators on Chain End Selectivity of Poly(N-Isopropylacrylamide) - Exfoliation of Carbon Nanotubes”. Nidhin Joy and Raju Francis , DAE-BRNS 5 th Interdisciplinary Symposium on Material Chemistry, ISMC-2014, BARC, Mumbai, December 11-15, 2014.
142.	Prof. Sabu Thomas , Invited Speaker, National Seminar on Current Trends in Chemistry CtriC 2014, held at Cochin University of Science and Technology, Department of Applied Chemistry, Kochi.
143.	Prof. Sabu Thomas , Invited Speaker, National Seminar on Recent Approaches in Biochemical Research organised by Dept. of Biochemistry, University of Kerala, Thiruvanthapuram
144.	Prof. Sabu Thomas , Invited Speaker, National Seminar on Perspectives in Material Science- POLYMACS- 14 sponsored by KSCSTE and organised by Dept of Polymer Chemistry, Marthoma College of Science and Technology, AYUR on Nov 2014.
145.	Prof. Sabu Thomas , Invited Speaker, 2nd International Conference of Chemistry, organized by Department of Chemistry College of Science, University of Basrah, Iraq
146.	Invited Talk by Prof. Sabu Thomas , National Conference on Recent trends in Material Science and Technology, 2015 Organised by Dept. of Chemistry, Indian Institute of Space science and Technology, Govt of India, Valiayamala
147.	National Technology Day-On 12th May 2015-Chief Guest And Delivered Keynote Speak On "Nano Materials For Electronic Applications" organized by Saintgits College of Engineering in association with IEEE SSCS Saintgits SB chapter (Prof. Sabu Thomas)
148.	Prof. Sabu Thomas Invited speaker, Fourth international Conference on Natural Polymers and Biomaterials (ICNP 2015) : 10-12 April 2015
149.	Prof. Sabu Thomas , 2015 March CNRS, Strasbourg, France
150.	Prof. Sabu Thomas , 2015 March Institute for Polymer Research Dresden (IPF), Dresden, Germany
151.	Prof. Sabu Thomas , 2015 March Visiting Professor, LIMATB, France
152.	Prof. Sabu Thomas , 2015 March Institute for Polymer Research Dresden (IPF), Dresden, Germany
153.	Prof. Sabu Thomas , 2015 Invited Speaker, Singapore
154.	Prof. Sabu Thomas , 2015 University of Graz, Austria
155.	Prof. Sabu Thomas , 2015 conference Turkey
156.	Hydrothermal Synthesis of Magnetic Nanostructures using Ionic Liquid”, Aswathy joseph, Vishnu Sivan, Suresh Mathew , National seminar ;Frontiers of Polymers and

	Advanced Materials (FPAM-2014); at Department of Chemistry , University of Kerala, 5th to 7th November 2014
157.	Influence of Palladium Loading on the Degradation Property of Titania Nanostructures”; Suprabha T, Suresh Mathew , International Conference on “Emerging Trends in Engineering and Management (ICETEM-14)” on December 30th& 31st, 2014 at SreeNarayanaGurukulam College of Engineering Kadayiruppu, Kolenchery
158.	A nano Calcium metal organic framework constructed from 1, 2-phenylenediacetic acid: Synthesis, luminescence and thermalstability” - Seetharaj R, Vandana P.V, Tony Francisand Suresh Mathew in the National Seminar on Modern Trends in Chemistry organized by Department of Chemistry, St. Joseph’s college, Irinjalakuda, January 23-24, 2015.
159.	Synthesis and characterization of cerium metal organic frameworks constructed by pyridine 2, 6 dicarboxylicacid” -Vandana P.V, Seetharaj R, Sethulakshmi P and Suresh Mathew in the National Seminar on Modern Trends in Chemistry organized by Department of Chemistry, St. Joseph’s college,Irinjalakuda, January 23-24, 2015.
160.	Advanced thermo analytical techniques as a diagnostic tool for phase transition studies”- Suresh Mathew , National Conference on Advanced Technologies for material processing and diagnostics organized by Indian Society of Analytical Scientists (ISAS)- Kerala chapter, September 18-20, 2014
161.	Photocatalytic Organic Pollutant Degradation in Iron based Nano Metal organic frameworks under U.V. light irradiation”-Vandana P.V Seetharaj R and Suresh Mathew in the National Conference on Materials Science and Technology organized by Department of Chemistry, Indian Institute of Space and Technology, Trivandrum, 2015
162.	Catalytic Activity of Self Assembled Nano CuO on the Thermal Decomposition of Ammonium Nitrate”– Jisna Jos and Suresh Mathew in the National Conference on Materials Science and Technology organized by Department of Chemistry, Indian Institute of Space and Technology, Trivandrum,, 2015
163.	Catalytic Activity of an Enzyme Mimic Molecular Imprinted Polymer for the Hydrolysis of Amino Acid Esters: Christy Philip and K. S. Devaky 27th Kerala Science congress 26-29 January,201
164.	Catalytic Amidolysis of Peptides by Chymotrypsin Mimics- Effect of Metal Ion Complexation on Imprinting: Divya Mathew, Benny Thomas and K. S. Devaky ; 27th Kerala Science congress 27-29 January,2015
165.	Fabrication of Transition State Analogue (TSA) Sites on Multiwalled Carbon Nanotubes for the Hydrolysis of Amino Acid Esters: Christy Philip and K. S. Devaky , International Conference on Green Chemistry, Catalysis, Energy and Environment, Goa University, Goa, 22-24 January, 2015
166.	Oxidation of Diphenylcarbinol by Polymer Supported Dichromate Reagent: Benny Thomas , Divya Mathew and K.S. Devaky ; UGC sponsored National Seminar on Chemistry for Tomorrow’s World, B.K. College, Amalagiri, Kottayam, 22-24 January, 2015.
167.	Catalytic Activity of an Enzyme Mimic Molecular Imprinted Polymer for the Hydrolysis of Amino Acid Esters: Christy Philip and K. S. Devaky 27th Kerala Science congress 26-29 January,2015
168.	Catalytic Amidolysis of Peptides by Chymotrypsin Mimics- Effect of Metal Ion Complexation on Imprinting: Divya Mathew, Benny Thomas and K. S. Devaky ; 27th Kerala Science congress 27-29 January,2015



169.	National Workshop on Nuclear Magnetic resonance Spectroscopy: Theory and Applications organized by Srinivasa Ramanujan Institute for Basic Sciences held at IIRBS, M. G. University, Kottayam, 10-13 September, 2014 (S. Anas) Invited talk on “Developments in <i>Organo-Transition metal chemistry</i> ” at SN College, Nattika, Kerala as part of the C.V. Sudhi memorial lecture series on 28 th March 2015(S. Anas)
170.	Invited talk on “ <i>Transition metal mediated organic synthesis</i> ” at Govt. College Kasaragod, Kerala in a National Seminar on “Recent Challenges and Progresses in Chemistry (RCPC-2014) on 20 th October 2014. (S. Anas)
171.	Invited talk on “ <i>Scientific Research: Methodology/Trends/Gaps</i> ” at St. Joseph’s Training College, Mannanam, Kottayam on 28 th February 2014 in connection with the National Science day celebrations. (S. Anas)
172.	Invited talk on “Scientific Research: Trends/Gaps” at Kerala University College of Teacher Education, Kayamkulam, Kerala in the National Seminar on “Acculturation of Scientific and Social Self”: Nurturing Scientific Temper as a Way of Life” on 6 th February 2014. (S. Anas)
173.	Invited talk on “Transition metal mediated organic synthesis” at Govt. College Kasaragod, Kerala in a National Seminar on “Recent Challenges and Progresses in Chemistry (RCPC-2014) on 20 th October 2014. (S. Anas)
174.	Novel protocol for Ullmann C-O coupling reactions under aerobic conditions A. M. Thomas and GAnilkumar pp 15, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam
175.	Novel Copper-catalyzed Sonogashira type coupling reactions A. Sujatha and G Anilkumar pp17, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam
176.	Iron-catalyzed thioetherification of thiols with aryl halides K. S. Sindhu and G Anilkumar pp 20, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam
177.	A General method for the formation of C-S bonds using Zn(II)-catalysts A. P. Thankachan and G Anilkumar pp 37, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam
178.	A Novel protocol for the formation of C-S bonds using Zn(II)-catalysts A. P. Thankachan and G. Anilkumar pp 34, Proceedings of the 13 th Prof. K. V. Thomas Endowment National seminar New Frontiers in Chemical Research 4-5 Dec 2014 S. H. College, Cochin
179.	Novel copper-catalyzed Sonogashira type C-C bond forming reactions A. Sujatha and G. Anilkumar pp. 77, Proceedings of the 13 th Prof. K. V. Thomas Endowment National seminar New Frontiers in Chemical Research 4-5 Dec 2014 S. H. College, Cochin
180.	Novel copper-mediated Carbon-heteroatom coupling reactions A. M. Thomas and G. Anilkumar pp 81, Proceedings of the 13 th Prof. K. V. Thomas Endowment National seminar New Frontiers in Chemical Research 4-5 Dec 2014 S. H. College, Cochin
181.	An efficient iron catalyzed cross coupling reaction of thiols with aryl halides Sindhu K S and G. Anilkumar pp 42, Proceedings of the 27 th Kerala Science Congress 27-29 January 2015 at Alappuzha
182.	Novel Zinc catalyzed C-S cross coupling reactions of aryl halides with aryl thiols Amrutha P Thankachan and G. Anilkumar pp 47, Proceedings of the 27 th Kerala Science Congress 27-29 January 2015 at Alappuzha

183.	Novel protocol for Ullmann diaryl ether synthesis under aerobic conditions Anns Maria Thomas and G. Anilkumar pp 57, Proceedings of the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha
184.	CuI/trans 1,2-diaminocyclohexane-catalysed coupling reactions of aryl halides with terminalalkynes, Asha Sujatha and G. Anilkumar pp 46, Proceedings of the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha.
185.	Poster presentation P. Harinarayanan, G. Anilkumar , S. Thomas, at the Third international conference on Natural polymers, Biopolymers, Bio materials, their composites, Blends and Gels ICNP 2012, Kottayam, October 26-28, 2012, pp 204 (P- 76)
186.	Poster presentation at the international conference on advanced polymeric materials (ICAPM 2013) on 11-13 October 2013 at Kottayam, India. Harinarayanan P. Sari P. S., Anilkumar G and Sabu Thomas pp 172 (P- 3)
187.	Poster presentation at National symposium on Transcending Frontiers in Organic Chemistry 2014 at NIIST Trivandrum 9-11 October 2014 A. P. Thankachan and G. Anilkumar pp 113
188.	Poster presentation at National symposium on Transcending Frontiers in Organic Chemistry 2014 at NIIST Trivandrum 9-11 October 2014 A. M. Thomas and G. Anilkumar pp 115
189.	Poster presentation at National symposium on Transcending Frontiers in Organic Chemistry 2014 at NIIST Trivandrum 9-11 October 2014 Asha. S and G. Anilkumar pp 121
190.	Poster presentation An efficient iron catalyzed cross coupling reaction of thiols with aryl halides Sindhu K S and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha
191.	Poster presentation CuI/trans 1,2-diaminocyclohexane-catalysed coupling reactions of aryl halides with terminalalkynes Asha Sujatha and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha pp 46
192.	Poster presentation Novel Zinc catalyzed C-S cross coupling reactions of aryl halides with arylthiols Amrutha P Thankachan and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha pp 47
193.	Poster communication Novel protocol for Ullmann diaryl ether synthesis under aerobic conditions Anns Maria Thomas and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha pp 57
194.	Poster presentation at the 25th Swadeshi Science Congress 16-18 December 2015, Kaladi, Kerala Amrutha P Thankachan and G. Anilkumar pp 73
195.	Poster communication at the 25th Swadeshi Science Congress 16-18 December 2015 at Kaladi, Kerala Anns Maria Thomas, Asha. S and G. Anilkumar pp 74
196.	Poster communication at the 25th Swadeshi Science Congress 16-18 December 2015 at Kaladi, Kerala Sindhu K. S and G. Anilkumar pp 94
197.	Novel protocol for Ullmann C-O coupling reactions under aerobic conditions A. M. Thomas and G Anilkumar pp 15, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam
198.	Novel Copper-catalyzed Sonogashira type coupling reactions A. Sujatha and G Anilkumar pp 17, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam
199.	Iron-catalyzed thioetherification of thiols with aryl halides K. S. Sindhu and G Anilkumar pp 20, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 Nov 2014, Baselius College, Kottayam



200.	A General method for the formation of C-S bonds using Zn(II)-catalysts A. P. Thankachan and Anilkumar pp 37, Proceedings of the National Seminar on Recent Trends in Chemistry 6-7 No 2014, Baselius College, Kottayam
201.	A Novel protocol for the formation of C-S bonds using Zn(II)-catalysts A. P. Thankachan and GAnilkumar pp 34, Proceedings of the 13th Prof. K. V. Thomas Endowment National seminar New Frontiers in Chemical Research 4-5 Dec 2014 S. H. College, Cochin
202.	Novel copper-catalyzed Sonogashira type C-C bond forming reactions A. Sujatha and G.Anilkumar pp 77, Proceedings of the 13th Prof. K. V. Thomas Endowment National seminar New Frontiers in Chemical Research 4-5 Dec 2014 S. H. College, Cochin
203.	Novel copper-mediated Carbon-heteroatom coupling reactions A. M. Thomas and G. Anilkumar pp81, Proceedings of the 13th Prof. K. V. Thomas Endowment National seminar New Frontiers in Chemical Research 4-5 Dec 2014 S. H. College, Cochin
204.	A novel protocol for the synthesis of 2-aryl benzo[b]furans and indoles using Copper catalysis” at the 28th Kerala Science Congress 28-30 January 2016 at Calicut University, Kozhikode, Kerala Anns Maria Thomas, Asha S and Gopinathan Anilkumar pp 2790-2797
205.	Ultrasonic characterization of 1-Butylpyridinium and 1-Butyl-4-methylpyridinium tetrafluoroborate ionic liquids”, Aswathy Joseph, Suresh Mathew and A. S. Padmanabhan, International Conference on Material Science and Technology, 5 – 8 June 2016, St. Thomas College, Pala
206.	ZnO/Ag/PANI ternary composite for photocatalytic degradation of organic dyes, Marilyn Mary Xavier, P. Radhakrishnan Nair, Suresh Mathew ”, International Conference on Material Science and Technology, 5 – 8 June 2016, St. Thomas College, Pala
207.	Phase modification of ammonium nitrate doped with copper oxide”, Jisna Jos, Vandana P. V. and Suresh Mathew , <i>International Conference on Material Science and Technology</i> , 5 – 8 June 2016, St. Thomas College, Pala.
208.	Systematic investigation of two dimensional cerium metal organic frameworks”, Vandana P. V, Jisna Jos, and Suresh Mathew , International Conference on Material Science and Technology, 5 – 8 June 2016, St. Thomas College, Pala.
209.	Effect of microwave irradiation time on the photocatalytic activity of reduced graphene oxide (rGO)-ZnO nanocomposites under UV light irradiation”, Divya K. S and Suresh Mathew , International Conference on Material Science and Technology, 5 – 8 June 2016, St. Thomas College, Pala.
210.	Synthesis and characterization of cerium metal organic frameworks constructed by pyridine 2,6 dicarboxylic acid” Vandana P.V, Seetharaj R, Sethulakshmi P and Suresh Mathew , National Seminar on Modern Trends in Chemistry, Dept of Chemistry, St Joseph’s College, Jan. 3-4, 2015, Irinjalakuda
211.	Microwave assisted synthesis of Ag/RGO/ZnO nanocomposite with enhanced visible light photoactivity”, Divya K S and Suresh Mathew , Matcon 2016, 14-15 January, 201
212.	A Nano Calcium Metal Organic Framework constructed from 1,2-phenylenediacetic acid: synthesis, luminescence and thermal stability”, Seetharaj R, Vandana P.V, Tony Francis and Suresh Mathew , National Seminar on Modern Trends in Chemistry, Dept of Chemistry, St Joseph’s College, Jan. 3-4, 2015, Irinjalakuda
213.	Catalytic Activity of Self Assembled Nano CuO on the Thermal Decomposition of Ammonium Nitrate”, Jisna Jos and Suresh Mathew , NCMST 2015, IIST, Trivandrum, July 6-8, 2015, p 104

214.	Photocatalytic Organic Pollutant Degradation in Iron based Nano Metal Organic Frameworks under UV Light Irradiation”, P V Vandana, R Seetharaj and Suresh Mathew , NCMST 2015, IIST, Trivandrum, July 6-8, 2015, p 113
215.	Two Dimensional Cerium Metal organic frameworks Constructed from Pyridine 2, 6 dicarboxylic acid”, Vandana P.V, Seetharaj R and Suresh Mathew , National Seminar on Supramolecules and Nanomaterials : Basic concepts and Architectural Assemblies” on 17-18, November, 2015, Department of Chemistry, Sacred Heart College, Chalakudy.
216.	To Fabricate Iron Metal Organic Framework with Graphene oxide for Photocatalytic applications”, Vandana P.V, Seetharaj R and Suresh Mathew , 25th Swadesi Science Congress, December 16-18, 2015, Sree Sankaracharya University of Sanskrit, Kalady.
217.	“Enhanced visible light photoactivity toward the degradation of Rhodamine B using GR/ZnO nanocomposites”, Divya K S and Suresh Mathew , 25th Swadeshi Science Congress, December 16-18, 2015, Sree Sankaracharya University of Sanskrit, Kalady
218.	Density Functional Theory analysis of CO ₂ capture ability of 1-Butyl-4-methylpyridinium ionic liquids with chloride, bromide and tetrafluoroborate anions”, Aswathy Joseph, Geethu Sasikumar, Stephy Jose, Vibin Ipe Thomas and Suresh Mathew , 25th Swadeshi Science Congress, December 16-18, 2015, Sree Sankaracharya University of Sanskrit, Kalady
219.	Tailoring of chiral sorbents on vinyl functionalized multiwalled carbon nanotubes via molecular imprinting technology, Sajini T. & Beena Mathew , International Conference on Materials for the Millennium (MatCon 2016), Cochin University of Science & Technology, January 13-16, 2016
220.	Tailoring of nanostructured material for the concentration of heavy metal ions from waste water, Archana Aravind & Beena Mathew , International Conference on Materials for the Millennium (MatCon 2016), Cochin University of Science & Technology, January 13-16, 2016
221.	Tailoring of molecularly imprinted polymer based sensor for antitumor drug 5-Fluoro uracil, Jaise Mariya George & Beena Mathew , International Conference on Nanomaterials and Nanotechnology (NANO 2015), Centre for Nanoscience and Technology, K.S.R. College of Technology, Tiruchengode, Tamil Nadu, December 7-10, 2015
222.	Nanostructured sorbents for the removal of heavy metal ions in waste water, Maria Sebastian & Beena Mathew , International Conference on Nanomaterials and Nanotechnology (NANO 2015), Centre for Nanoscience and Technology, K.S.R. College of Technology, Tiruchengode, T. Nadu, December 7-10, 2015
223.	Tailoring of nanostructured material for the concentration of heavy metal ions from waste water, Archana Aravind & Beena Mathew , International Conference on Nanomaterials and Nanotechnology (NANO 2015), Centre for Nanoscience and Technology, K.S.R. College of Technology, Tiruchengode, Tamil Nadu, December 7-10, 2015
224.	Green synthesis of silver nanoparticles and evaluation of their cytotoxicity, Priyanka R. N, Bini George, Saranya K .S , Nageswar Reddy M. & Beena Mathew , UGC Sponsored National Conference on Recent Advances in Spectroscopy: A Chemical and Biological Perspective II, Newman College, Thodupuzha, September 14-15, 2015



225.	Fabrication of multi walled carbon nanotube based sorbents for L-DOPA recognition and separation from structurally related compounds, Sooraj M.P & Beena Mathew , UGC Sponsored National Conference on Recent Advances in Spectroscopy: A Chemical and Biological Perspective II, Newman College, Thodupuzha, September 14-15, 2015
226.	Facile synthesis of gold nanoparticles and investigation of their catalytic activity, Siby Joseph & Beena Mathew , 6 th Asian Conference on Colloid and Interface Science (ACCIS 2015), November 24-27, 2015, Nagasaki, Japan
227.	Microwave assisted facile green synthesis of silver nanoparticles and evaluation of their cytotoxicity, Bini George, Priyanka R. N, Saranya K .S, Nageswar Reddy M.& Beena Mathew , 6 th Asian Conference on Colloid and Interface Science (ACCIS 2015), November 24-27, 2015, Nagasaki, Japan
228.	Molecularly imprinted sorbents based on nanostructures for the enantiomeric separation of L-DOPA, Sooraj M.P & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
229.	Evaluation of the copper ion adsorption properties of modified and unmodified multiwalled carbon nanotubes and charcoal, Sajini T & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
230.	Synthesis and characterization of molecular imprinted polymer on mwcnt based on free-radical polymerization, Maria Sebastian & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
231.	Metal ion imprinted alginate network as biosorbent, Girija p & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
232.	Design of molecularly imprinted Cu(II) ion selective polymers, Bindu M. S & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
233.	Biodegradable Polymer Vesicles: pH Dependent Polymersome Used as Anti-Cancer Drug Delivery Carrier for 5-Fluoro Uracil, Jeena Abraham & Beena Mathew . Swadesi Science Congress, July 6-8, 2014.
234.	Molecular imprinted membrane as a synthetic receptor for the analysis of testosterone, Anju Augustine & B. Mathew . 5th Asian Conference on Colloid and Interface Science (ACCIS) University of North Bengal, Darjeeling, W. Bengal, November 20-23, 2014.
235.	Colloid and Interface Science (ACCIS), University of North Bengal, Darjeeling, W. Bengal November 20-23, 2014
236.	Fourth International Conference on Natural Polymers and Biomaterials (ICNP 2015) : 10-12 April 2015
237.	Nanostructured sorbents for the removal of heavy metal ions in wastewater, Maria Sebastian & Beena Mathew , International Conference on Materials for the Millennium (MatCon 2016), Cochin University of Science & Technology, January 13-16, 2016
238.	Enantiomeric separation of S-Ibuprofen using multi-walled carbon nanotube based molecular imprinted sorbents, Sooraj M.P & Beena Mathew , 25th Swadeshi Science Congress, Sree Sankara University of Sanskrit, Kalady, December 16-18, 2015.

239.	Comparison of the metal ion adsorption properties of modified and unmodified multiwalled carbon nanotubes and charcoal, Sajini T & Beena Mathew , International Conference on Nanomaterials and Nanotechnology (NANO 2015), Centre for Nanoscience and Technology, K.S.R. College of Technology, Tiruchengode, Tamil Nadu, December 7-10, 2015
240.	Microwave assisted polymer mediated facile synthesis of silver nanoparticles and investigation of their catalytic activities, Shilpa Joy, Rajimol K. P & Beena Mathew , International Conference on Nanomaterials and Nanotechnology (NANO 2015), Centre for Nanoscience and Technology, K.S.R. College of Technology, Tiruchengode, Tamil Nadu, December 7-10, 2015
241.	Preparation and evaluation of multiwalled carbon nanotube incorporated molecularly imprinted polymer, Anju Augustine & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
242.	Synthesis and characterization of molecularly imprinted polymer on MWCNT, Archana Aravind & Beena Mathew , UGC Sponsored National Seminar on Nanochemistry: Techniques, Advancement and Applications, S.D. College, Alappuzha, October 16, 2015
243.	Solid phase synthesis of 4,6-diaminopyrimidinone: Aparna. E. P and K. S. Devaky , National Seminar on Recent Trends in Organic Synthesis and Chemical Biology (RTSB-2015), Annamalai University, October 9-10, 2015
244.	Modified polymer supported benzyl quaternary ammonium dichromate reagent as a polymeric oxidizing agent for the oxidation of thioanisole: Benny Thomas, Divya Mathew and K. S. Devaky , National Seminar on Recent Trends in Organic Synthesis and Chemical Biology (RTSB-2015), Annamalai University, October 9-10, 2015
245.	Kinetic study on the catalytic amidolysis of the dipeptide H-Tyr-Gly-OH using boronic acid analogue imprinted chymotrypsin mimics: Divya Mathew, Benny Thomas and K. S. Devaky , National Seminar on Recent Trends in Organic Synthesis and Chemical Biology (RTSB-2015), Annamalai University, October 9-10, 2015.
246.	Kinetics of Substrate Specific Amidolysis of p-Nitroanilides of Amino Acids by Chymotrypsin Mimics Imprinted with Phosphonate Analogue, Divya Mathew, Benny Thomas and K.S.Devaky ; "Emerging Trends in Nanomaterials" organized by Dept. of Chemistry, Sree Sankara Vidyapeetom College, Perumbavoor, Kerala, India, July 9-10, 2015.
247.	Kinetics of Oxidation of α - Amino Acids by Polymer Supported Dichromate Reagent: Benny Thomas, Divya Mathew and K.S. Devaky ; UGC sponsored National Seminar on "Emerging Trends in Nanomaterials" organized by Dept. of Chemistry, Sree Sankara Vidyapeetom College, Perumbavoor, Kerala, July
248.	National Seminar on Recent trends in Organic Synthesis and Chemical Biology (RTSB-2015) ANNAMALA UNIVERSITY, October 9-10-2015, Solid phase synthesis of pyrazole derivatives: Ashly Thomas, Sreejith MS, K.S Devaky
249.	Epoxy nanocomposites Aneesa P & Sabu Thomas , Best poster award -Deakin India Research Initiative – International Symposium on Translational Research 2015 held at New Delhi from 7-8th December 2015
250.	Biomedical, Dr.Praveen.G & Sabu Thomas , UGC Sponsored National Seminar On "Emerging Trends In Nanomaterials" Organized By Dept. Of Chemistry, Sree Sankara Vidyapeetom College
251.	Biomedical, Dr.Praveen.G & Sabu Thomas , The Best Poster Presentation Award (Prof. D.M. Vasudevan Award), In Bioradiance-2015 National Conference On



	Frontiers In Diabetic Research And Treatment' Organized By Pushpagiri Research Centre, Tiruvalla, India
252.	Cordyceps- a potent antidote for cancer , Blessy Joseph & Sabu Thomas , 1st Prize For Poster Competition "International Conference On Holistic Medicine -ICHM 2015
253.	SBR/CNT nanocomposites , Jiji Abraham & Sabu Thomas , Best Paper Award, National Seminar On Advanced Polymer Materials(Hesperos 2015), Organized By Department Of Polymer Engineering Mahatma Gandhi University College of Engineering, Muttom, Thoupuzha, Kerala September 11&12, 2015
254.	An efficient iron catalyzed cross coupling reaction of thiols with aryl halides Sindhu K S and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha pp 42
255.	CuI/trans 1,2-diaminocyclohexane-catalysed coupling reactions of aryl halides with terminalalkynes Asha Sujatha and G. Anilkumar at the 27th Kerala Science Congress 27-29 January2015 at Alappuzha46
256.	Zinc catalyzed C-S cross coupling reactions of aryl halides with aryl thiols Amrutha P Thankachan and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha pp 47
257.	Novel protocol for Ullmann diaryl ether synthesis under aerobic conditions Anns Maria Thomas and G. Anilkumar at the 27th Kerala Science Congress 27-29 January 2015 at Alappuzha pp 57
258.	The 25th Swadeshi Science Congress 16-18 December 2015 at Kaladi, Kerala Anns Maria Thomas, Asha. S and G. Anilkumar pp 74
259.	The 25th Swadeshi Science Congress 16-18 December 2015 at Kaladi, Kerala Sindhu K. S and G. Anilkumar pp 94
260.	The KSCSTE sponsored National Seminar on Current Trends in Organic and Medicinal Chemistry on 27th January 2016 at Catholicate College, Pathanamthitta, Novel zinc-catalyzed Cadiot-Chodkiewicz reaction”, K. Keerthi Krishnan and Gopinathan Anilkumar
261.	The KSCSTE sponsored National Seminar on Current Trends in Organic and Medicinal Chemistry on 27th January 2016 at Catholicate College, Pathanamthitta, A convenient route to 1,3-diynes using alcoholic solvent-assisted amine free Cadiot-Chodkiewicz coupling reaction at room temperature under aerobic conditions”, S. Anjana, S. Asha, A. M. Thomas, and G. Anilkumar ,
262.	National Seminar on Organic Synthesis on 28th January 2016 at St. Joseph’s College, Irinjalakuda, Trissur, Zinc-catalysed synthesis of substituted arylbenzofurans, Amrutha P Thankachan, and Gopinathan Anilkumar ,
263.	UGC sponsored National Seminar on Organic Synthesis on 28th January 2016 at St. Joseph’s College, Irinjalakuda, Trissur. “Sonogashira type cross-coupling reactions via Iron catalysis using water as solvent under aerobic conditions – A greener approach”, Sindhu K. S and GopinathanAnilkumar
264.	UGC sponsored National Seminar on Organic Synthesis on 28th January 2016 at St. Joseph’s College, Irinjalakuda, , Novel zinc-catalyzed coupling protocol for haloalkynes with terminal alkynes, K. Keerthi K. and G.Anilkumar
265.	UGC sponsored National Seminar on Organic Synthesis on 28th January 2016 at St. Joseph’s College, Irinjalakuda, Trissur, “Synthesis of 1,3-diynes from terminal acetylenes under Ligand-free conditions”, Anjana S and Gopinathan Anilkumar
266.	Synthesis of diarylalkynes via Iron-catalyzed Sonogashira type cross-coupling reaction in water under aerobic conditions” at the 28th Kerala Science Congress 28-

	30 January 2016 at Calicut University, Kozhikode, Kerala Sindhu, K. S and Gopinathan Anilkumar pp 2809-2818
267.	Zinc-catalyzed synthesis of substituted arylbenzofurans and indoles A. P. Thankachan and Anilkumar, G , Proceedings of the National Seminar on Current Trends in Organic and Medicinal Chemistry on 27th January, 2016 at Catholicate College, Pathanamthitta

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	3%
Percentage of students doing projects in collaboration with other universities / industry / institute	97%

29. Awards / recognitions received at the national and international level by:

A	Research awards received by the faculty
1.	Distinguished Professorship Award Josef Stefan Institute, Slovenia, 2010 (Prof.Sabu Thomas)
2.	Fellow of the Royal Society of London ,FRSC,2012 (Prof.Sabu Thomas)
3.	Awarded Bronze Medal of Chemical Research Society of India, 2013 (Prof. Sabu Thomas)
4.	Awarded Materials Research Society of India Award (2013). (Prof. Sabu Thomas)
5.	Awarded Society For Educational & Scientific Research. (SESR) Nanotech Scientist Award- 2014 (Prof. Sabu Thomas)
6.	Honorary doctorate (D.Sc.) from the University of South Brittany, Lorient, France (2015) (Prof. Sabu Thomas)
7.	Nanoscience Research Leader Award 2015 by Cognizure Publishers, hostess of the International Journal – Science Letters (Prof. Suresh Mathew)
8.	Doctorat Honoris causa-LIMATB, University of South Brittany, France 2015 (Prof.Sabu Thomas)
9.	UGC Research Award, 2012 (Dr. Raju Francis)
10.	Rudolph A Marcus Award 2016 in Chemical Sciences by Lognor, Publishers of Science Advances Today (Prof. Suresh Mathew)
11.	Second prize in the Evonik Industries Chemistry Research Proposal competition ECRP 2016, Germany (Dr. G. Anilkumar).
B	Research awards received by the students
1.	Kinetic Study on the Catalytic Amidolysis of Z-L-Phe-PNA Using Phosphonate Analogue Imprinted Polymer Catalysts as Chymotrypsin Mimics (<i>National Seminar on Phytochemistry An Emerging Branch for the Development of Potential Anticancer Drugs</i> , Assumption College, Changanasserry, September 2015)- <i>Best poster award</i> (Divya Mathew).



2.	Kinetic Studies on Hydrolytic Activities of Polymer Supported Enzyme like Catalysts in the Amidolysis of Z-Tyr-Gly-OCH ₃ (<i>Recent Trends in Spectroscopy: A Chemical and Biological Perspective-II</i> , Newman College, Thodupuzha, 13-14 September 2015)- <i>Best poster award</i> (Divya Mathew).Divya Mathew, Benny Thomas, K.S. Devaky
3.	Effect of the Nature and Extent of Crosslinking on Catalytic Amidolysis of Z-L-Tyr-PNA Using Chymotrypsin Mimics (<i>National Seminar on Advanced Functional Materials</i> , Mar Athanasius College, 15-16 September 2015)- <i>Best poster award</i> (Divya Mathew).Divya Mathew ^a , Benny Thomas ^{a,b} , K.S. Devaky ^a
4.	Kinetic Study on the Catalytic Amidolysis of the Dipeptide H-Tyr-Gly-OH Using Boronic acid Analogue Imprinted Chymotrypsin Mimics (<i>RTSB, Recent Trends in Organic Synthesis and Chemical Biology</i> , Annamalai University, Department of Chemistry, October 2015)- <i>Best poster award</i> (Divya Mathew) Divya Mathew ^a , Benny Thomas ^{a,b} , K.S. Devaky ^a
5.	Deepalekshmi Ponnamma Best Poster Presentation Award in “National Seminar on Recent Advances in Polymer Science and Technology-2012” Organized by: Society for Polymer Science India and Mar Ivanios College Trivandrum, India
6.	Deepalekshmi Ponnamma Best Oral Presentation Award in “National Conference on Nanostructured materials and Nanocomposites (NCNM) 2012” Sponsored by UGC, at NSS College, Ottapalam, Kerala, India
7.	Cintil Jose Best paper award for the paper entitled “ <i>Novel approach for the development of cellulose nanowhiskers from isora fibre</i> ” at the National Seminar on ‘Emerging Trends in Chemistry’ held at St. Joseph’s College, Moolamattam on 25th February 2012
8.	Sooraj M. P., Beena Mathew, Emerging Trends in Polymeric Materials (ETPM 2014) organized by The Society for Polymer Science, India and Christian College, Chengannur, Kerala, January 2014 – Best Poster Award
9.	Sooraj M. P., Beena Mathew - “3rd International Science Congress (ISC 2013)” organized by International Science Congress Association, Karunya University, Coimbatore, December 2013 – Best Poster Award.
10.	Sooraj M. P., Beena Mathew - “International Conference on Advances in Material Science (ICAMS 2013)” sponsored by OPCW, DRDO, KSCSTE, Sree Snakara College, Kalady, October 2013 – Best Poster Award
11.	Sooraj M. P., Beena Mathew - National Seminar on “Advances in Chemistry- Research and Opportunities” sponsored by KSCSTE, All Saints’ College, Trivandrum, August 2013 – Best Paper Award
12.	Runcy Wilson- Best Paper Award- National Seminar on Advanced Polymer Materials , Organized by Department of Polymer Engineering Mahatma Gandhi University College of Engineering, Muttom, Thopuzha, Kerala September 11&12, 2015
13.	Deepalekshmi Ponnamma, Selected as an invited speaker for the "Polymer Conference for Young Researchers (PCYR-14)" held at CSIR-NIIST
14.	Best Paper Award to Amrutha P Thankachan “A Novel Protocol for the Formation of C-S Bonds Using Zn(II)-Catalysts” in the UGC sponsored 13th Prof. K. V. Thomas Endowment National Seminar on New Frontiers in Chemical Research” Conducted at S. H. College Thevara, Ernakulam, on 4-5 December 2014
15.	Novel Protocol for Ullmann C-O Coupling Reactions Under Aerobic Conditions , A. M. Thomas, G. Anilkumar, Proceedings of the National Seminar on Recent Trends in Chemistry, 6-7 November, 2014, Baselius College, Kottayam, Kerala (Best Poster award) pp. 15

16.	Best poster Competition Second prize to Amrutha P Thankachan “Novel zinc-catalyzed C-S cross coupling reactions of aryl halides with aryl thiols ” in the UGC sponsored National seminar “ Chemistry for Tomorrows world ” Conducted at B. K. College Amalagiri, Kottayam on 22-23 January 2015
17.	Jeena Abraham, Beena Mathew, International Conference Nanoscience and Emerging Applications (ICONSEA) organized by Centre for Nanoscience and Technology, Jawaharlal Nehru University, Hyderabad, June 26-28, 2014 – Best Paper Award
18.	Best poster award- International conference, ICMST October 29-31, 2010 Trivandrum (IIST). Thermal and mechanical properties of poly(acrylonitrile butadiene styrene) modified epoxy/amine systems jyotishkumar Parameswaranpillai
19.	Best poster award, Robin Augustine, International Conference on Membranes (ICM-2013) organized by Centre for Environment Education and Technology (CEET),
20.	Third prize for poster presentation Second prize for poster in Second International Conference on Nanomaterials: Synthesis, Characterization and Application organized by Centre for Nanoscience & Nanotechnology, Mahatma Gandhi University, Kottayam, Kerala, India October 3- 6, 2013. Robin Augustine Tissue engineering
21.	Selected as an invited speaker for the "Polymer Conference for Young Researchers PCYR-14)" held at CSIR-NIIST Deepalekshmi Ponnammamma- Elastomer nanocomposite
22.	Best Poster Presentation Award -International Conference on Advanced Nanocomposite for Construction Materials (ICNC-2013) organized by Centre for Nanoscience & Nanotechnology, Mahatma Gandhi University, Kottayam, Kerala, India 12th -14th March 2013. Robin Augustine
23.	Best Paper Award,National Seminar On Advanced Polymer Materials (SCENTIA), Organized By Department Of Polymer Engineering Mahatma Gandhi University College Of Engineering, Muttom, Thoupuzha, Kerala 2013 , Runcy Wilson
24.	Best Paper Award,National Seminar On Advanced Polymer Materials (SCENTIA), Organized By Department Of Polymer Engineering Mahatma Gandhi University College Of Engineering, Muttom, Thoupuzha, Kerala 2013, Runcy Wilson
25.	Young researcher award, the international conference on ‘Functional Polymers 2011’ held at NIT CALICUT organized jointly by the Department of Chemistry, NIT Calicut & Leeds University, UK Cintil Jose “A cost effective approach for the development of cellulose nanowhiskers
26.	Best oral presentation award -International Conference on Tissue Engineering and Regenerative Medicine (ICAPM-2013) National Institute of Technology, Rourkela, Odisha Robin Augustine
27.	Best poster award -Bioradiance 2014 (National level seminar), organized by the Pushpagiri Research Centre, Tiruvalla, Kerala
28.	Robin Augustin, Biomedical, Third prize for poster presentation,2nd International Conference of Nano Materials(ICNM)2014
29.	Best Oral Presentation Award -National Seminar on Material Science and Modern Analytical Techniques on 26th &27th of March Preetha Balakrishnan Fully Biodegradable Potato Starch Composites : Effect Of Nano Fiber Reinforcement On Mechanical And Water-Sorption Characterestics
30.	Best oral presentation award -International Conference on Tissue Engineering and Regenerative Medicine (ICAPM-2013) National Institute of Technology, Rourkela, Odisha, Robin Augustine



31.	Best poster award -Bioradiance 2014 (National level seminar), organized by the Pushpagiri Research Centre, Tiruvalla, Kerala Robin Augustine
32.	Best poster award -Bioradiance 2014 (National level seminar), organized by the Pushpagiri Research Centre, Tiruvalla, Kerala. Robin Augustine,
33.	Best Oral Presentation - International Conference On Plasma Science And Nanotechnology, And 29th National Symposium On Plasma Science, Jamy James
34.	Anneesa P. Best poster award -Deakin India Research Initiative – International Symposium on Translational Research 2015 held at NewDelhi from 7-8th December 2015

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No	Programme organized	Source of funding	outstanding participants
	Dr.I. Ibnusaud		
1.	National Workshop on NMR Spectroscopy, 10th - 13th September 2014	KSCSTE	Prof. C. L. Khetrapal (CBMR, Lucknow) Prof. S. Subramanian (IISER, Trivandrum) Prof. N. Chandrakumar (IIT, Madras) Prof. S. Ganapathy (NCL, Pune)
2.	Workshop on High Performance Liquid Chromatography (HPLC), 4th & 5th November 2013	MGU	Dr. V. Gaitonde (Scientist, Prochrome Ltd., Mumbai) Prof. Hassan Aboul-Enein Y. (Dept. of Pharmaceutical & Medicinal Chemistry, National Research Centre, Egypt)
3.	Workshop on "Computational Chemistry", May 28th - 31st, 2012	DST, KSCSTE	Prof. R.B. Sunoj, IIT Mumbai Prof. A. Anoop, IIT Kharagpur Prof. Ayan Dutta, IISER Trivandrum
4.	Workshop on "Basic Principles and Applications of Computational Chemistry, May 23rd - 27th, 2011	MGU	Prof. M. S. Gopinathan, IISER, TVM Prof. K.L Sebastian, IISc, Bangalore Prof. Mangala Sunder, IIT, Madras
5.	Workshop: "Quantum Mechanics, Molecular-Resonance Spectroscopy and Hands-on Experience in Spectroscopy, March 1 st – 3 rd , 2012	MGU	Prof. S.D Samanth, ICT, Mumbai
6.	Seminar on Research and Development in Chemical Process Development	MGU	Prof. K.V. Ramanathan, IISc, Bangalore
7.	Applications of Magnetic Resonance Spectroscopy in scientific research, 22 nd Sept., 2012	MGU	Prof. I.N.N. Namboothiri, Dept. Chemistry, IIT Delhi

8.	Seminar on Metal Mediated Organic Synthesis, Sept. 4 – 10, 2012	MGU	Dr. P. J Sebastian, senior Scientist, CIE, UNAM, Mexico
9.	Capacity Building in Scientific Research .10 th August.,2012	MGU	Dr.Syriac Joseph Palackal
10.	Seminar – A review on Renewable Energy Technologies, 17 th July., 2012	KSCSTE	Dr.Vineeshvijayan, IISER, TVM
11.	One day seminar - Organic Chemistry and Pharmaceutical Industry, 24 th April, 2012	MGU	Prof. K. K. Balasubramaniam, IIT Madras (Retd.)
12.	Seminar on Application of two dimensional NMR in the structural elucidation of biomolecules	MGU	Dr. Vineesh vijayan, IISER, Thiruvananthapuram
13.	Summer Workshop on Computational chemistry, May 28th - 31st, 2012	MGU	Prof.R. B. Sunoj (IIT, Mumbai) Prof. Nisanth N. Nair (IIT, Kanpur)
14.	Workshop on Advanced Materials Characterization Techniques, 21st - 25th May, 2012	MGU	Prof. K. G. Suresh (IIT, Mumbai) Prof.UnnikrishnanNayar (IISER, Trivandrum) Dr. Manoj Ramavarma(NIIST, Trivandrum
15.	English Language Skill Workshop, December 22 – 23, 2011	MGU	District Centre for English (DCE - Neyyattinkara)
16.	Seminar on Genetic Structure of Indian Jewish Diaspora October 27 – 28, 2011	MGU	Dr. Mini Kariappa, Dept. Anatomy,kolenchery
17.	Workshop on Organometallic Chemistry August 23- 26, 2011	MGU	Prof. Anil J. Elias, IIT Delhi
18.	Seminar associated with new student orientation programme Workshop Sept.02, 2011.	MGU	Dr. Suresh Das, Director, NIIST, TVM Dr. Manoj Ramavarma , Scientist, NIIST, TVM
19.	Basic Principles and Applications of Computational Chemistry May 23 rd -May 27th, 2012	MGU	Prof. R.B. Sunoj, IIT Mumbai Prof. A. Anoop, IIT Kharagpur Prof.AyanDutta, IISER Trivandrum
20.	Seminar on Pharmaceutical Process Chemistry May 17 th , 2011	MGU	Dr.Rajappa Vaidyanathan, Chemical Research and Development Division, Pfizer, Groton, CT, USA



	Dr.G.Anil Kumar		
21.	Workshop on Quantum Mechanics for M Sc Chemistry students and faculty 20-21 June 2015	KSCSTE	Dr.R S Swathy, IISER, Trivandrum Dr C.H Suresh NIIST Trivandrum Dr. A Salavudheen Kunju University college Trivandrum
22.	Workshop on Group Theory 30 Oct-1 Nov 2015	KSCSTE	Prof.C Krishnan University College, Dr.E.G Jayasree Kerala University
23.	Workshop on Stereochemistry 8-10 January 2016	KSCSTE	Prof. R. B Sunoj IIT Madras Dr.A Salavudheen Kunju University college Trivandrum Prof.Santhosh Guarpure IIT Mumbai
24.	Work shop on "Fundamentals and applications Materials science" SRIBS(KSCSTE) March 4-6	SRIBS(KSCSTE)	Dr.B Vaire IIT Madras Prof HSP Rao Department of chemistry, Pondichery University Dr.P A Unnikrishnan IIT Madras
	Dr. Suresh Mathew		
25.	One day workshop organised by UGC-Special assistance programme. "Chemistry of Advanced Materials March 20, 2012	UGC- SAP	Dr. K. N. Ninan VSSC, Thiruvananthapuram
	Dr. S.Anas		
26.	National work shop on "Fundamentals and applications Material science" organized in association with SRIBS(KSCSTE) March 4-6	SRIBS(KSCSTE)	Dr.Kuruvilla joseph, IIST Trivandrum, Dr.Santhosh Babu, NCL ,Pune, Dr. Joshy Joseph, NIIST, Trivandrum
	Dr. Sabu Thomas		
27.	First International Conference on Advanced Materials for Power Engineering (ICAMPE 2015) : 11-13 December, 2015	DRDO, New Delhi DST, New Delhi	B. Rožič, M. Lavrič, M. Trček, G. Cordoyiannis, Z. Kutnjak, S. Kralj (Slovenia) M. Saad Alam (India) Judy Wu (USA)
28.	International Conference on Nanostructured Polymeric Materials (ICNPM 2015) : 13-15 November, 2015	ICMR, New Delhi KSCSTE, Trivandrum	Manfred Stamm (Germany)
29.	World Congress on Microscopy (WCM 2015): 9-11 October, 2015	DST New Delhi	Leszek A. Dobrzański, M. (Poland)

30.	Fourth International Conference on Natural Polymers (ICNP 2015) : 10-12 April 2015	CSIR, New Delhi	Kohzo Ito(Japan)
31.	Second International Conference on Nanostructured Materials and Nanocomposites (ICNM 2014) : 19 – 21 December 2014	DST, New Delhi	Prof. C.N.R.Rao (India) Vijayamohanan K. Pillai(India)
32.	Third International Conference on Polymer Processing and Characterization (ICPPC 2014) : 11-13 October 2014	MG University KSCSTE, Trivandrum	H. Münstedt (Germany) Graham J. Leggett(UK)
33.	First World Conference on Fracture and Damage Mechanics (FRACTURE 2014): 9-11 August 2014	DRDO, CSIR New Delhi	S. Wang and C. M. Harvey(UK)
34.	Third International Conference on Recycling and Reuse of Materials (ICRM 2014): 11-13 April 2014	CSIR, New Delhi DST, New Delhi INSA, New Delhi KSCSTE, Trivandrum	A.V. Ratna Prasad*, K. Ramanaiah, K. Mohana Rao, K.M.V Ravi Teja(India) Abdeen Omer(UK) Abitha V K , K Rajkumar, Dr. P. Thavamani(India)
35.	International Conference on Advanced Polymeric Materials (ICAPM 2013) : 11-13 October 2013	DST New Delhi	Abraham J. Domb, Neeraj Kumar, Wahid Khan, Diana Surendra Kulkarni(India)
36.	Third Euro-India International Conference on Nanomedicine and Tissue Engineering (ICNT 2013) : 9-11 August 2013	CSIR, New Delhi DRDO, New Delhi, DST, New Delhi, ICMR, New Delhi, INSA, New Delhi	Animesh Jha, M S Duggal, Tom Vancoillie, Richard Hoogenboom(Belgium)
37.	First International Conference on Advanced Nanocomposite for Construction Materials : 12-14 March 2013	AERB, Mumbai CSIR New Delhi DRDO, New Delhi DST, New Delhi ICMR, New Delhi	D.A. Koleva(Netherlands) Paulo Cachim, André Monteiro, Pedro Costa(Portugal)
38.	Third International Conference on Natural Polymers (ICNP2012): 26-28 October 2012.	CSIR, New Delhi DBT, New Delhi DRDO, New Delhi DST, New Delhi INSA, New Delhi	James Jacob (India) Anna Kucinska and Jerzy P. Koh (South Korea) Sandipan Chatterjee(India)
39.	First Indo- US International Conference on Polymers for Packaging Applications (ICPPA 2012) 31st March – 2nd April 2012,	CSIR, New Delhi DRDO, New Delhi	Ickowich, Moran Haimzada(Israel)



31. Code of ethics for research followed by the department

- Ethical guidelines of the university is strictly followed.
- Plagiarism is being assessed before submission of M.Phil. Project report and Ph.D thesis.
- Minimization of chemical wastes, recycling of surplus materials and management of hazardous wastes.
- Grievance redressal mechanism

32. Student profile programme-wise

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc					
2011	643	9	25	100	92
2012	689	8	24	100	100
2013	712	7	25	100	100
2014	829	6	26	100	100
2015	1045	7	25	100	100
2016	1057	6	26	100	100
M.Phil					
2011	47	4	8	100	100
2012	51	2	10	100	100
2013	59	3	9	100	100
2014	62	2	10	100	100
2015	52	4	8	100	100
2016	55	-	-		
M.Tech					
2011	-	-	-	-	-
2012	-	-	-	-	-
2013	98				100
2014	104				100
2015	-	-	-	-	-
2016	30				100
Ph.D					
2011	12	3	9		
2012	14	2	12		
2013	13	3	10		
2014	11	2	9		
2015	11	2	9		
2016	6	0	6		

33. Diversity of students

Name of the Programme (refer to question no. 4)	Students from the Same University (%)		Students from other universities within the State (%)		Students from universities outside the State (%)	Students from other Countries (%)
	M.Sc.	M.Phil.	M.Sc.	M.Phil.		
2010-11	65	76	35	34	-	-
2011-12	63	56	37	44	-	-
2012-13	66	20	34	80	-	-
2013-14	66	35	34	65	-	-
2014-15	59	25	41	75	-	-
2015-16	69	67	31	33	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

(Period 2010-16)

Competitive examinations	NET / JRF	GATE	SET	Others
No. of students	61	22	5	8

35. Student progression

Student progression	Percentage against enrolled
UG to PG	---
PG to M.Phil.	19%
PG to Ph.D.	>50%
Ph.D. to Post-Doctoral	40%
Employed	
• Campus selection	5%
• Other than campus recruitmen	75%
• Entrepreneurs	5%



36. Diversity of staff

Percentage of faculty who are graduate	
Of the same university	10
Other universities within the state	60
Universities from other states	20
Universities outside the country	10

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

SL.No	Name of faculty	M.Phil./ Ph.D./ D.Sc./ D.Litt.
1.	Prof. Sabu Thomas	Honorary Doctorate (D.Sc.) from the University of South Brittany, Lorient, France

38. Present details of departmental infrastructural facilities with regard to

a) Library

School of Chemical Sciences Library has been set up in 1984 along with establishment of the Department. The library holds 4100 books as on date. It includes a good collection of reference books. Main source of funding includes grants from State Government and UGC. This library has been automated by using KOHA software, by which all Faculty, Research Scholars and students can access from anywhere in the campus via Campus area network. This campus network enables the scholars to have free use of internet, UGC-INFONET Programme and J-gate portal. All these IT based services are very extensively used by our Research Scholars. At the beginning of the academic year a library orientation programme is arranged for all new students by which all students are made acquainted with the resources and services available with the department library and University Library. Frequent classes by private online journal companies are also held for Chemistry Scholars.

b) Internet facilities for staff and students

Wired and wireless connectivities are provided by the department for individual faculty and students.

c) Total number of class rooms : 7

d) Class rooms with ICT facility : 3

The School has a culture of student centric education and learning. Efforts are made to ensure student centric learning and knowledge management by: Using ICT tools in the classrooms. Providing library facilities for self – learning. Organizing monthly seminars, lecture series, conferences, workshops, and symposia.

e) Students' laboratories : 4

f) Research laboratories : 12

The department provide facilities with modern instruments required to pursue research in different areas of chemistry. This include Raman Spectrometer, Surface analyser, Microwave reactor, TG/DTA, Scanning Electron Microscopy (SEM)/EDAX, Polarising optical microscopy, Abrader, Differential Scanning Calorimetry (DSC),

Dynamic mechanical Analysis (DMA), Atomic Force Microscopy (AFM), X-Ray Diffraction (XRD), Elemental Analyser, High performance liquid chromatography (HPLC), Universal Testing Machine(UTM), Fourier Transform Infrared spectroscopy(FT-IR), Gas chromatography - Mass Spectrometry (GCMS), Contact Angle Meter, Rheometer, Fluorimeter, UV-vis. Spectrophotometer, HR-TEM and Impact Tester.

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

Name of Guide	Name of Scholar	Post-doctoral
Dr. Anas S.	Sruthi.P.R	Nil
Dr. Anilkumar G	Asha. S Sindhu K. S. Anns Maria Thomas	Nil
Dr. C. T. Aravindakumar	Sreedhanya S.	Nil
Dr. Beena Mathew	Priyanka R.N. Maria Sebastian	Nil
Dr. K. S. Devaky	Geethu Joseph	Nil
Dr. M. R. Gopinathan Nair	Priyanka K G Mrudula M S	Nil
Dr. I. Ibnusaud	Deenamma Habel Divya S. Nair	Nil
Dr. A. S. Padmanabhan	Tania Rose Abraham Keerthi Murali	Nil
Dr. M. Padnabhan	Akhila K.	Nil
Dr. K. Pius	Minu Elizabeth Thomas	Nil
Dr. Raju Francis	Anjaly Sivadas Geethy P Gopalan	Nil
Dr. Sabu Thomas	Sandhya P. K	Dr.Dhanya
Dr. Suresh Mathew	Arya Parameswaran	Nil

b) from other institutions/universities

Name of Guide	Name of Scholar	Post-doctoral
Dr. Anas S.	Jithin Joy Arya P	Nil
Dr. Anilkumar G	Ujwaldev.SM Seethalakshmi K. C	Nil
Dr. Beena Mathew	Remya Vijayan Subi Jacob Sajini T. Jaise Maria George Archana Aravind Bijimol.D	Dr. Sooraj M. P



Dr. C. T. Aravindakumar	Sijumon V A Jain Maria Thomas Divya K S	Nil
Dr. K. S. devaky	Divya Mathew Ashly Thomas Elizabeth Francis Aparna E. P.	Dr. Sona Narayan
Dr. A. S. Padmanabhan	Aswathy Joseph Maria Jacob Aji Joseph	Nil
Dr. K. Pius	Sajeesha P	Nil
Dr. P. K. Radhakrishnan	Archana S. Nair	Nil
Dr. Raju Francis	Nidhin Joy	Nil
Dr. Sabu Thomas	Jini Varghese Shinu Koshy Aneesa.P Abitha V.K Pious.C.V.	1. Dr. S. Manna 2. Dr. Sravanthi L. 3. Dr. Asha Krishnan 4. Dr. Bindu 5. Dr. Prasenjith Saha
Dr. Suresh Mathew	Priya Sara Paul Jisna Jos Vandana P. V.	

40. Number of post graduate students getting financial assistance from the university

Course	Details of Scholarships					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
M. Sc.	e-grants :6 Aspire :31	e-grants : 8 Aspire : 32	e-grants :5 Aspire :32	e-grants : 7	e-grants : 6	e-grants : 9
M. Phil.	e-grants :5 RGNF : 1	e-grants : 4 RGNF : 1	e-grants :3	e-grants : 3	e-grants :3	e-grants :3
Ph. D.	e-grants : 2	e-grants :2	e-grants :4 RGNF : 1	e-grants : 4 RGNF : 1	e-grants : 6 RGNF : 1	e-grants : 6 RGNF : 1

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

New prgramms in the school were designed after having feedback from all stake holders. The consolidated feedback were discussed in the faculty council and necessary recommendation were submitted to university for starting new programme.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes. The feedback collected has a significant role in taking necessary steps for academic and infrastructural development.
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Feedback from students is an essential component in the curricular design and development process.
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	The feedback obtained from students, alumni, community, industry, etc. is the base for framing the curriculum. The feedback given by students and stake holders is the basic matrix for identifying short falls in curricular content and reinforcements needed therein.

43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position	Remarks
1.	Dr. Benny K George	Group Director,	VSSC
2.	Dr. K. Sreekumar	Professor, y Dept of Applied Chemistry	Cochin University of Science and Technolog
3.	Dr. Roy Joseph,	Scientist G,	SCTIMST, Trivandrum
4.	Dr. Suresh C H	Principal Scientist and Head	Inorganic and Theoretical Chemistry, NIIST, Trivandrum
5.	Dr. Subin Jacob	Professor	JNCSR, Bangalore
6.	Shri. Biju P. K.	Member of Parliament	
7.	Dr. C.P Vinod	Scientist F	NCL, Pune
8.	Dr. Suresh C Pillai	Professor	ITSligo, Ireland
9.	Dr. Muraleedharan, K. M	Associate Professor	IIT, Madras
10.	Dr. Ajikumar P	Founder & CEO	Manus Biosynthesis, Boston, USA



44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts

Sl. No.	Details
1.	Dr. Aashish Roy (Department of Materials Engineering, IISc. Bangalore)
2.	Prof . R. Damodharan , IIT Madras
3.	Prof. Christophe Sinturel , France
4.	Dr. Jürgen Pionteck, Leibniz Institute of Polymer Research, Department Polymer Reactions and Blends, Hohe Str. 6, 01069 Dresden, Germany
5.	B.V.R. Tata: Head, Light scattering Studies Section, Scientific Officer (H) Professor-Homi Bhabha National Institute
6.	Prof. Partha Chatterjee as Erudite Scholar-in- Residence programme
7.	Dr. Vijayamohan K Pillai, Central Electrochemical Research Institute, Karaikudi
8.	One day workshop organised by UGC-Special assistance programme. "Chemistry of Advanced Materials" , March 20, 2012
9.	Prof. Taofik Shittu from Nigeria (December 2014)
10.	Prof. (Emerit.) Dr. Werner Mormann, Universität Siegen (December 2014)
11.	Dr. Aashish Roy (Department of Materials Engineering Indian Institute of Science) (November 2014)
12.	Prof. Renata Dantas, University of Campinas, Sao Paulo, Brazil (October 2014)
13.	Dr. Rajesh A. Sheno, University of British Columbia, Vancouver BC, Canada (August 2014)
14.	Dr. Suresh.S. Pillai of Environmental Nanotechnology Division, Institute of Technology, Sligo, Ireland (August 2014)
15.	Dr. Ali Kareem al-lami, Misan University, Iraq (July 2014)
16.	Dr. Chaitanya Lekshmi Indira, Associate Professor, Department of Chemistry, CMR Institute of Technology, Bangalore (July 2014)
17.	Dr. Nahlah Elkhudssiah Ismail, Center for Industrial technology, Faculty of Applied Sciences, University Technology, Mara (July 2014)
18.	Lecture series by Prof Kim, New Castle University, Australia
19.	Prof .Vijaya Mohanan Pillai, CECRI, Karaikudi (April 2015)
20.	Prof . Mohamed Mehdi CHEHIMI (Research Director at French CNRS, Leader of the Surface & Interface research team, Université Paris, France)(March 2015)
21.	Dr. Praveen G. L (University of Kerala) (April 2015)
22.	Linus Pauling Lecture Award
23.	Dr C.V Asokan Memorial Lecture
24.	Prof .Volker Ribitsch (University of Graz. Austria) (April 2015)
25.	Dr. Maciej Jaroszewski (Head of High Voltage Laboratory Wroclaw University of Technology, Poland) (January 2015)
26.	Prof. Suryasarathi Bose, (IISc, Bangalore) (January 2015)
27.	Prof. Benjamin S Hsiao (Department of Chemistry, Stony Brook University, New York) (January 2015)
28.	Lecture by Dr. K. N. Ninan, Deputy Director, ISRO, Trivandrum
29.	Lecture by Dr. K Radhakrishnan Former Director, ISRO, Trivandrum

45. List the teaching methods adopted by the faculty for different programmes

- ICT enabled audiovisual teaching
- interactive sessions
- seminars and assignments
- flipped class room teaching
- industry visit
- projects

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The faculty council monitors the progress and output of various programmes periodically and necessary amendments are being made.

47. Highlight the participation of students and faculty in extension activities

Sl. No.	Details
1.	Conducted a competition for college students on paper presentation(Dr .Sabu Thomas)
2.	Professor Sabu Thomas, has conducted many lectures in colleges and schools in India as a part of promoting Nanoscience and Nanotechnology (Dr .Sabu Thomas)
3.	Conducted student outreach programme at K.E School, Mannanam for promoting research in Science (Dr .Sabu Thomas)
4.	Visited old age home and orphanage at Kottayam (Dr .Sabu Thomas)
5.	Conducted a motivation class on “Emerging Youth” for National Service Scheme (NSS) Volunteers training camp held at Gov. H.S.S. T.V. Puram, Vaikom on 22 nd December 2015 (Dr. S. Anas)
6.	Invited lecture on “Recent Trends Challenges and Progresses in Chemistry held at Govt. college Kasaragod during October 20-21-2014.
7.	Interview for JRF at K .E. College, Mannanam 20 th March 2014 (Dr. S. Anas)
8.	As observer for JEE(main) 2014 exam at Kozhikode centre on 5 th and 6 th April 2014 (Dr. S. Anas)
9.	Teacher’s day talk at NHES, Chavady (Dr. S. Anas)
10.	Camp director, career guidance workshop organized by sio, Thuravoor (Dr. S. Anas)
11.	As observer for JEE(main) 2015 exam at Kozhikkod centre on d 4 th April 2015 (Dr. S. Anas)
12.	Talk at Harithasparsham 2015 organized by Directorate of Higher Secondary Education (Dr. S. Anas)
13.	As observer for JEE(main) 2016 exam at Kozhikkod centre on 3 rd April 2016 (Dr. S. Anas)
14.	Resource person, INSPIRE, 2010 (Dr. Beena Mathew, Dr. K. S. Devaky)
15.	Resource person for Kerala State STEC-INCULCATE programme 2010, 2011, 2012 & 2013 (Dr. Beena Mathew, Dr. K. S. Devaky and Dr. Raju Francis)
16.	Open Day: To inculcate an aptitude for science among school children, School organized Open Day programme which include workshop and interaction with an eminent scholar. Students from nearby government schools are usually invited for this programme.



17.	Quiz competition for students from various affiliated colleges (2015-2016)
18.	C.V Asokan Memorial Workshop for School children of the neighborhood schools on Basic concepts in chemistry(2015-2016)
19.	As part of the Dr. C.V.Asokan Memorial Workshop an interactive session was arranged for school children (Govt.and Aided school) with Prof .E.D Jemmis Professor of Theoretical Chemistry, Indian Institute of Science, Bangalore about current trends in Science
20.	Students are regularly participating in seminars and workshops of the department within and outside the university.
21.	Students are also engaged in NSS programme

48. Give details of “beyond syllabus scholarly activities” of the department:

Sl. No	Details
1.	National Science Day Celebrations are carried out annually with an inspiring talk by Eminent Scientist.
2.	Nationally and internationally renowned scientists have been invited to the department from time to time and opportunities are provided to the students for interaction with these scientists
3.	Conducted a quiz competition for students from various affiliated colleges.
4.	Conducted C.V Asokan Memorial Workshop for childrens of the neighborhood school on Basic concepts in chemistry
5.	Organized exhibitions for school children (Govt. and Aided schools)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: We have not tried for independent accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The publications made by the faculty members in several international journals stand testimony to the new knowledge generated in the Department.

51. Detail five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- Highly qualified faculty.
- Active research collaborations.
- Major research projects, publications and patents.
- Excellent infrastuctural facilities.
- Well placed alumni.

Weaknesses

- Insufficient administrative and technical staff.
- Problems in continuous power supply.

- Space constraints.
- Limited storage facility for water.
- Inadequate campus placements.

Opportunities

- Great potential for academic- industry collaboration.
- Excellent opportunity for students and faculty to interact with eminent academics.
- Opportunity to ensure student diversity.
- Opportunity for international collaboration.
- Opportunity to develop more patents.

Challenges

- Taking up of extension and consultancy services.
- To establish industry collaborations.
- Procedural delay in the repair sophisticated instruments.
- Handling of chemical waste.
- Ensuring campus placement to all students.

52. Future plans of the department

- Promoting research in multi-disciplinary areas.
- Promoting academic- industry collaborative research.
- Having classroom interaction with National/international experts.
- MoU with overseas universities and institutes.
- To increase the number of international collaborative research projects.
- Introducing microscale experiments in the M.Sc. laboratories to reduce chemical wastes.
- Rain water harvesting.
- Proper management of chemical wastes by selecting green routes for chemical reactions.



SCHOOL OF COMPUTER SCIENCES

1.	Name of the Department	:	School of Computer Sciences
2.	Year of establishment	:	1990
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Science Faculty of Engineering and Technology
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	<ul style="list-style-type: none">• M.Sc. Computer Science• M.Tech. Computer Science and Technology (Specialisation: Communication and Network Technology)• M.Phil. Computer Science• Ph.D.
5.	Interdisciplinary programmes and departments involved	:	The students of Computer Sciences are given ample opportunity to take open courses of other schools and centres of the university. The school collaborates with Business Innovation and Incubation Centre (BIIC) of the University for student start-up programmes
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	During Master and M.Tech programmes students are sent out to different laboratories of academia and industries. Many of the master and Ph.D students are able to publish research articles during this period. Main Project (SKS15 401) of IV th Semester M Sc, Industrial Training(CS15304(P)), Master Research Project- Phase 1(CS15305(P)) and Master Research project – Phase 2(CS15401(P)) of 3 rd and 4 th Semesters M Tech.
7.	Details of programmes discontinued, if any, with reasons	:	Nil
8.	Examination System Annual/Semester/Trimester/Choice Based Credit System	:	Semester (Choice Based Credit System)

9.	Participation of the department in the courses offered by other departments	: The School offers open courses in 3rd semester of M.Sc to students of other Schools as per the CSS regulations of the University.																				
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)	: <table border="1"> <thead> <tr> <th></th> <th>Sanctioned</th> <th>Filled</th> <th>Actual (including CAS & MPS)</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Associate Professors</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>Asst. Professors</td> <td>5</td> <td>3 + 1 on long leave</td> <td>-</td> </tr> <tr> <td>Others</td> <td></td> <td></td> <td>5(3 guests for M Tech + 1 contract and 1 guest for M.Sc)</td> </tr> </tbody> </table>		Sanctioned	Filled	Actual (including CAS & MPS)	Professor	1	1	1	Associate Professors			3	Asst. Professors	5	3 + 1 on long leave	-	Others			5(3 guests for M Tech + 1 contract and 1 guest for M.Sc)
	Sanctioned	Filled	Actual (including CAS & MPS)																			
Professor	1	1	1																			
Associate Professors			3																			
Asst. Professors	5	3 + 1 on long leave	-																			
Others			5(3 guests for M Tech + 1 contract and 1 guest for M.Sc)																			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 6 years
Dr. R. Vijayakumar	B Sc (Elec. Engg) M.Tech (CS) Ph.D (CS)	Professor	Artificial Intelligence	Teaching - 31 Years Research- 8 Years	Ph.D – 12 M Tech – 6
Dr. Bindu V.R.	M.Sc., Ph.D.	Associate Professor	Image processing and Shape Modeling	23 yrs.	Nil
Ms. Pushpalatha K.P.	MCA	Associate Professor	Data Mining	21 yrs.	Nil
Dr. Anuj Mohamed	MCA, Ph.D.	Associate Professor	Pattern Recognition and Machine Learning	21 yrs.	Nil
Dr. Abraham P. Korah	M.Sc. Ph.D.	Assistant Professor	ON LEAVE		



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Sl. No	Name	Visiting Fellows/ Adjunct faculty/ Emeritus professors	Specialization
1.	Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA	Scholar in Residence During 2010-11	High Performance Computing
2.	Dr. Roger B Dannenberg , Professor, SOCSAM, Carnegie Mellon University, Pennsylvania, USA	Adjunct faculty	Science of Music
3.	Dr. Raju G, Prof.& HOD, Dept. of Information Technology, Kannur University, Kannur	Adjunct faculty	Soft Computing Image Processing Data Mining
4.	Dr. Varghese Paul, Prof.& HOD, Dept of IT, CUSAT, Cochin	Adjunct faculty	Cryptography and Network Security
5.	Prof. (Dr.) S.K. Sinha, CEDT, Indian Institute of Science, Bangalore.	Visiting Fellow	Computing Paradigms
6.	Dr. Prahlad Vadakkeppatt , Professor of National University of Singapore	Visiting Fellow	Robotics and AI
7.	Prof. (Dr.) Paulose Jacob, HOD, Department of Computer Science, Cochin university of Science and Technology, Kerala.	Visiting Fellow	Computer Networking
8.	Prof. (Dr.) Achuth Sankar S. Nair, Director, Department of Computational Biology and Bioinformatics, University of Kerala.	Visiting Fellow	Bioinformatics
9.	Ms. Easwari PV, Senior consultant, Siemens Information Systems Limited, Bangalore. (also an alumnus of the School)	Visiting Fellow	Software Engineering
10.	Pradeep P. Project Co-ordinator/ Analyst, FINGENT Technology Solutions, Infopark, Kochi	Visiting Fellow	Software Engineering


13. Percentage of classes taken by temporary faculty – programme-wise information

Programme	2010-16
M.Sc	40 %
M.Tech	75 %
M.Phil	0%
Ph.D.	0%

14. Programme-wise Student Teacher Ratio

Programme	Ratio
M.Sc	10:1
M.Tech	9:1
M.Phil	2:1
Ph.D.	6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Technical	2	2	2
Administrative Staff	4	4	4 + 1 casual worker

16. Research thrust areas as recognized by major funding agencies:

- Artificial Intelligence
- Pattern Recognition
- Image Processing and Computer Graphics
- Design and Analysis of Algorithms
- Soft Computing
- Data Mining
- Advanced and Wireless Networking
- Internet programming
- Internet of Things Cloud Computing
- Advanced Computing Paradigms.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil
18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration : Nil
 b) International collaboration : Nil



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc;

Total grants received: Nil.

20. Research facility / centre with

- State Recognition : Yes
- National Recognition : Yes(AICTE)
- International Recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	16
2.	Monographs	Nil
3.	Conference Proceedings	33
4.	Chapters in Books	17
5.	Edited Books	1
6.	Books authored with ISBN	2
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
	Total	69

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : 9
- Citation Index – range : 1-17 / average – 7
- SNIP : 0.207 - 0.479
- SJR – range : 0.14 - 0.24
- Impact Factor : 2
- h-index : 2

23. Details of patents and income generated : Nil



24. Areas of consultancy and income generated :

- Proposal submitted as plan proposal for 2017-18 for setting up Digital Solutions and Consultancy Services (DSACS) in the school, currently conceived as a five year project.
- Software for automating Credit Semester Systems, Provident Fund and Accounts sections of the University have been provided by the School as consultancy services.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad : Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other

- **National committees: Nil**
- **International committees:**

Sl. No.	Name of the faculty	Committee
	Dr. Bindu V.R.	1. Professional member of ACM (Association of Computing Machinery). 2. Life Member – IAENG (International Association of Engineers)
	Dr. Anuj Mohamed	1. Life Member – IAENG (International Association of Engineers) 2. Professional Member of ACM (Association of Computing Machinery).

- **Editorial Boards:**

Sl. No.	Name of the faculty	Committee
	Dr.R. Vijayakumar	1. Editor, International Journal “Mahatma Gandhi University International Journal on Computing and Communication (MGU IJCC)”, December 2012 . ISSN: 2318-8850
	Dr. Bindu V.R.	1. Member, Technical Advisory Committee, International Journal “Mahatma Gandhi University International Journal on Computing and Communication (MGU IJCC)”, December 2012, ISSN: 2318-8850.
	Dr. Anuj Mohamed	2. Member, Technical Advisory Committee, International Journal “Mahatma Gandhi University International Journal on Computing and Communication (MGU IJCC)”, December 2012. ISSN: 2318-8850.

- **any other (please specify) :**



Sl. No.	Name of the faculty	Committee
1.	Dr.R. Vijayakumar	<ol style="list-style-type: none">1. Adjunct Professor, Centre for Bio Informatics , University of Kerala, Kariyavattom , Trivandrum2. 04-06-2011 onwards3. Member Kerala State Planning board (IT) , Kerala (from 2015 onwards)4. Dean(Engineering & Technology), Member Syndicate /Academic Council, Mahatma Gandhi University : 18-08-2014 to 18-07-20165. Director, College Development Council 2012-2016, MGU.6. Chairperson, Board of Studies Computer Science and Applications (PG), MGU7. Governing Council Member SB College (Autonomous) From January 2015 onwards Nominee from Mahatma Gandhi University8. Member , Academic Council , CUSAT: From 11-03-2015 onwards -- Ex-OFFICIO NOMINEE of the Hon'ble Vice-Chancellor , Mahatma Gandhi University
2.	Dr. Bindu V.R.	<ol style="list-style-type: none">1. Dean, Faculty of Technology and Applied Science, MG University.2. Member, Academic Council, MG University.3. Chairperson, Board of Studies, School of Computer Sciences, MG University.4. Chairperson, Board of Studies in Computer Science and Applications (PG), MGU 30.4.2010-29.4.2013.5. Member, Board of Studies Computer Science (PG), University of Kerala 26.3.2010-25.3.2013, 20.11.2013-19.11.2016.6. Question Paper setter for Kerala Public Service Commission.7. Member of Expert Committee to strengthen the System Administration Wing of the University.8. Chief Co-ordinator of the Spoken Tutorial Project (an initiative of NMEICT, Ministry of Human Resource Development, Govt. of India), in the University.9. Presiding Officer, Permanent Cell to Combat Sexual Harassment in the University.10. Member of University level Implementation and Monitoring Committee (E-Governance)11. Member of the Technical committee to assess the Software/Hardware requirements for the e-learning project of the University.12. Member of e-learning/ICT Committee for e-learning project approval, e-content approval and for taking other decisions related to e-learning and net working in the University.



		13. Member of the Revision Committee for drafting revised CSS Regulations of the University implemented from 2016 admissions.
3.	Ms.Pushpalatha K.P.	<ol style="list-style-type: none"> 1. Member, Board of Studies, Computer Sciences (PG), School of Computer Sciences, Mahatma Gandhi University, Kottayam. 2. Member of Board of Studies, Computer Science & Applications(Pass), Mahatma Gandhi University, Kottayam from April 2009 to 2012. 3. Member, permanent cell to combat sexual harassment in the University. 4. Member of e-learning/ICT Committee for e-learning project approval, e-content approval and for taking other decisions related to e-learning and networking 2015.
4.	Dr. Anuj Mohamed	<ol style="list-style-type: none"> 1. Member – IQAC of the University. 2. Member, Board of Studies, School of Computer Sciences, MGU. 3. Member, BOS in Computer Science (Pass), University of Kerala 19/1/2010 to 18/1/2013 4. Member, BOS in Computer Science and Applications(PG), Mahatma Gandhi University 30/4/2010 to 29/4/2013 5. Convenor, Anti Harassment Cell of the University 10/8/2010 to 9/8/2012 6. Member, Implementation and Monitoring Committee for Campus Wide Networking, Mahatma Gandhi University,2010-11.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

All the faculty members have undergone Orientation and Refresher programmes as per UGC requirements, and regularly attend various faculty development programmes organized by other academic bodies/institutions.

Year	Name of the faculty	Committee
2010-11	Prof. Dr. R Vijayakumar	<ol style="list-style-type: none"> 1. Resource Person: Workshop on “Teaching Learning Process”, School of Computer Sciences, April 6, 2011. 2. National Conference on “Computing and Communication (NCCC 2011)”, School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, May 26-27, 2011.
	Dr. Bindu V R	<ol style="list-style-type: none"> 1. National Workshop on “Digital Content Authoring Technology and Use of Open Educational Resources”, IGNOU, Kochi, 10/6/2010 To 13/6/2010.



		<ol style="list-style-type: none">2. National Symposium on Public Key Infrastructure Outreach Programme- Nationwide PKI awareness Programme, CDAC Bangalore And Controller of Certifying Authorities, Govt. of India, 19/8/2010.3. "Orientation Programme for Women Counsellors of Affiliated Colleges",4. Department of Student Services, Mahatma Gandhi University, 13/01/2011.5. Workshop on "Tour Making", Mr. Aravind Paranjpye, Officer for Science Popularization, IUCAA, Pune, October 18-19, 2010.6. Seminar on "Cyber Crimes", Mr. E.S. Bijumon, DYSP, Cyber Cell, Trivandrum, December 17, 2010.7. Workshop on "FOSS and BOSS", Smt. Saleena H, Senior Technical Officer, CDAC, Trivandrum, December 17, 2010.8. Workshop on "e-Astronomy and Statistics", organized by School of Pure and Applied Physics in association with School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January 17-19, 2011.9. Seminar on "Best Programming Practices", Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA, (Erudite Scholar- Mahatma Gandhi University), January 20, 2011.10. Workshop on "Computer Networking Leading to CCNA Certification", March 16, 2011.11. Workshop on "MCA Syllabus Revision", Mahatma Gandhi University, 24-25 March 2011 and 12th May 2011.12. Workshop on "Teaching Learning Process", Dr. R. Vijayakumar, School of Computer Sciences, April 6, 2011.13. National Conference on "Computing and Communication (NCCC 2011)", School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, May 26-27, 2011.
	Ms. Pushpalatha K.P.	<ol style="list-style-type: none">1. International Conference on "Education for Peace, Social Inclusion and Sustainable Development: Towards a Paradigm Shift (ICMGU 2010)", Mahatma Gandhi University, December 6-10, 2010.2. Seminar on "Cyber Crimes", Mr. E.S. Bijumon, DYSP, Cyber Cell, Trivandrum, December 17, 2010.3. Workshop on "FOSS and BOSS", Smt. Saleena H, Senior Technical Officer, CDAC, Trivandrum, December 17, 2010.4. Presented a paper at 2010 IEEE International Conference on Computational Intelligence and Computing Research, Coimbatore, 28--29, December 2010.5. Workshop on "e-Astronomy and Statistics", organized by



		<p>School of Pure and Applied Physics in association with School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January 17-19, 2011.</p> <ol style="list-style-type: none"> 6. Seminar on “Best Programming Practices”, Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA, (Erudite Scholar- Mahatma Gandhi University), January 20, 2011. 7. Lecture by Prof. Sir. Anthony J. Leggett, Nobel Laureate, University of Illinois. (Erudite Scholar- Mahatma Gandhi University), January 31, 2011. 8. Workshop on “MCA Syllabus Revision”, Mahatma Gandhi University, 24-25 March 2011 and 12th May 2011. 9. Workshop on “Teaching Learning Process”, Dr. R. Vijayakumar, School of Computer Sciences, April 6, 2011. 10. National Conference on “Computing and Communication (NCCC 2011)”, School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, May 26-27, 2011.
	Dr. Anuj Mohamed	<ol style="list-style-type: none"> 1. Workshop on “Digital Content Authoring Technology and Use of Open Educational Resources”, IGNOU, Regional Centre, Cochin, June 10-13, 2010. 2. One day symposium on “PKI Outreach” organized by CDAC, Bangalore and Controller of Certificating Authorities, Govt. of India, as part of the Nationwide PKI Awareness Programme , Kochi, August 19, 2010. 3. Presented a paper at Conference on “Emerging Trends in Computing” organized as part of Amrita ACM-W Celebration of Women in Computing (A2CW;C 2010) “, Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham University, Coimbatore, September 16-17, 2010. 4. Workshop on “Tour Making”, Mr. Aravind Paranjpye, Officer for Science Popularization, IUCAA, Pune, October 18-19, 2010. 5. International Conference on “Education for Peace, Social Inclusion and Sustainable Development: Towards a Paradigm Shift (ICMGU 2010)”, Mahatma Gandhi University, December 6-10, 2010. 6. Seminar on “Cyber Crimes”, Mr. E.S. Bijumon, DYSP, Cyber Cell, Trivandrum, December 17, 2010. 7. Workshop on “FOSS and BOSS”, Smt. Saleena H, Senior Technical Officer, CDAC, Trivandrum, December 17, 2010. 8. Workshop on “e-Astronomy and Statistics”, organized by School of Pure and Applied Physics in association with School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January 17-19, 2011. 9. Seminar on “Best Programming Practices”, Dr. Ashish



		<p>Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA, (Erudite Scholar- Mahatma Gandhi University), January 20, 2011.</p> <p>10. Lecture by Prof. Sir. Anthony J. Leggett, Nobel Laureate, University of Illinois. (Erudite Scholar- Mahatma Gandhi University), January 31, 2011.</p> <p>11. Workshop on “Computer Networking Leading to CCNA Certification”, March 16, 2011.</p> <p>12. Workshop on “MCA Syllabus Revision”, Mahatma Gandhi University, 24-25 March 2011 and 12th May 2011.</p> <p>13. Workshop on “Teaching Learning Process”, Dr. R. Vijayakumar, School of Computer Sciences, April 6, 2011.</p> <p>14. National Conference on “Computing and Communication (NCCC 2011)”, School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, May 26-27, 2011.</p>
2011-2012	Prof. Dr. R Vijayakumar	<p>1. Seminar on “Computational Intelligence, Robotics and Autonomous Systems” by Dr. Prahlad Vadakkepat, National University of Singapore, January 3rd, 2012.</p> <p>2. Conference on Computing Paradigms and Bio-informatics (CPBI 2012), School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January, 2012.</p>



	Dr. Bindu V.R.	<ol style="list-style-type: none"> 1. Workshop on “Laws Related to Sexual Harassment” organized by Anti-Harassment Cell of Mahatma Gandhi University, Kottayam, Kerala in June 2011. 2. Brainstorming Workshop on “Unicode Malayalam DTP Software Project”- organized by the Project Co-ordinator, Unicode Malayalam DTP Software Project, Mahatma Gandhi University, July 19, 2011 3. DTE Sponsored Short Term Training Programme on “Soft Computing Techniques for Engineering Research” organized by Govt. Engineering College (Rajiv Gandhi Institute of Technology), Kottayam, Kerala, 14-19 November 2011. 4. Presented a paper at IEEE International Conference on Computational Intelligence and Computing Research (2011 IEEE ICCIC) Dec 15-18, 2011. 5. Three day workshop on “Academic Writing Skills” organized by Kerala State Council for Science Technology and Environment (KSCSTE), Kerala Forest Research Institute (KFRI) and Centre for Information Literacy Studies (CILS), University of Kerala, at KFRI, Peechi, Thrissur, 21-23 December 2011. 6. Seminar on “Computational Intelligence, Robotics and Autonomous Systems” by Dr. Prahlad Vadakkeppat, National University of Singapore, January 3rd, 2012. 7. Conference on Computing Paradigms and Bio-informatics (CPBI 2012), School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January, 2012. 8. Workshop on “Research Methodology” by Prof. (Dr.) Achuth Sankar S. Nair, Director, State Inter University Centre of Excellence in Bio-Informatics, University of Kerala organized as part of INBOFA 2012 by Mahatma Gandhi University, Kottayam, Kerala, January 2012. 9. Theme Discussion on “Green Computing” organized as part of INBOFA 2012 by Mahatma Gandhi University, Kottayam, Kerala, January 2012. 10. Three day Workshop on “M.Sc Syllabus Revision” as Chairperson, Board of Studies in Computer Science and Applications (PG), Mahatma Gandhi University, Kottayam, Kerala on 6-8 March 2012.
	Ms. Pushpalatha K.P.	<ol style="list-style-type: none"> 1. Workshop on “Laws Related to Sexual Harassment” organized by Anti-Harassment Cell of Mahatma Gandhi University, Kottayam, Kerala, June 2011. 2. Brainstorming Workshop on “Unicode Malayalam DTP Software Project”- organized by the Project Co-ordinator, Unicode Malayalam DTP Software Project, Mahatma Gandhi University, July 19, 2011 3. Workshop on “Research Methodology” by Prof. (Dr.) Achuth Sankar S. Nair, Director, State Inter University



		<p>Centre of Excellence in Bio-Informatics, University of Kerala organized as part of INBOFA 2012 by Mahatma Gandhi University, Kottayam, Kerala, January 2012.</p> <ol style="list-style-type: none">4. Theme Discussion on “Green Computing” organized as part of INBOFA 2012 by Mahatma Gandhi University, Kottayam, Kerala, January 2012.5. Presented a paper at International Conference on Advances in Computing (ICAC 2011), Department of CSE, PSG College of Technology, Coimbatore, Dec 9-11, 2011.6. Under UGC’s Faculty Improvement Programme till July 2012.7. Presented a paper at Conference on Computing Paradigms and Bio-informatics (CPBI 2012), School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January, 2012.8. Presented a paper at IEEE International Conference on Technology Enhanced Education (ICTEE2012), Amrutha University, Kollam, Kerala, January 2012.
	Dr. Anuj Mohamed	<ol style="list-style-type: none">1. Workshop on “Laws Related to Sexual Harassment” as Convenor, Anti-Harassment Cell, Mahatma Gandhi University, Kottayam, Kerala, June 2011.2. DTE Sponsored Short Term Training Programme on “Soft Computing Techniques for Engineering Research” organized by Govt. Engineering College, Kottayam, Kerala, November 2011.3. DTE Sponsored Short Term Training Programme on “Recent Trends in Audio and Speech Processing” organized by Govt. Engineering College, Kottayam, Kerala, November 2011.4. Seminar on “Computational Intelligence, Robotics and Autonomous Systems” by Dr. Prahlad Vadakkeppat, National University of Singapore, January 3rd, 2012.5. Conference on Computing Paradigms and Bio-informatics (CPBI 2012), School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January, 2012.6. Presented a paper at International Conference on “Communication Technology and System Design”, Amrita Vishwa Vidyapeetham, Coimbatore, 2011.7. Attended a Workshop on “Research Methodology” by Prof. (Dr.) Achuth Sankar S. Nair, Director, State Inter University Centre of Excellence in Bio-Informatics, University of Kerala organized as part of INBOFA 2012 by Mahatma Gandhi University, Kottayam, Kerala, and January 2012.



		<ol style="list-style-type: none"> 8. Attended a Theme Discussion on “Green Computing” organized as part of INBOFA 2012 by Mahatma Gandhi University, Kottayam, Kerala, January 2012. 9. Attended a three day Workshop on “M.Sc Syllabus Revision” organized by Ms.Bindu V.R. as Chairperson, Board of Studies in Computer Science and Applications (PG), Mahatma Gandhi University, Kottayam, Kerala on 6-8 March 2012.
2012-2013	Prof. Dr. R Vijayakumar	<ol style="list-style-type: none"> 1. Attended a national level technical talk on “NP Complete Problems and High Performance Computing” as part of Interface2012 in Dec, 2012. 2. Skill enhancement workshop on “ Open source software “organized by the School during 2012 , inaugurated by Dr. Iqbal , former Vice-chancellor of Kerala University.
	Dr. Bindu V.R.	<ol style="list-style-type: none"> 1. Attended a national level technical talk on “NP Complete Problems and High Performance Computing” as part of Interface2012 in Dec, 2012. 2. Skill enhancement workshop on “ Open source software “organized by the School during 2012 , inaugurated by Dr. Iqbal , former Vice-chancellor of Kerala University.
	Ms. Pushpalatha K.P.	<ol style="list-style-type: none"> 1. Under UGC’s Faculty Improvement Programme till July 2012. 2. Attended a national level technical talk on “NP Complete Problems and High Performance Computing” as part of Interface2012 in Dec, 2012. 3. Skill enhancement workshop on “ Open source software “organized by the School during 2012 , inaugurated by Dr. Iqbal , former Vice-chancellor of Kerala University.
	Dr. Anuj Mohamed	<ol style="list-style-type: none"> 1. Attended a Seminar on “Recent Trends in Sound Recording” by Dr. Pradeep Somasundaram, organized by Inter University Centre for Sound and Music, Mahatma Gandhi University, Kottayam, Kerala. 2. Attended a national level technical talk on “NP Complete Problems and 3. High Performance Computing” as part of Interface2012 in Dec, 2012. 4. Skill enhancement workshop on “ Open source software “organized by the School during 2012 , inaugurated by Dr. Iqbal , former Vice-chancellor of Kerala University. 5. UGC Sponsored SAM Workshop on “Capacity Building of Women Managers in Higher Education” , CMS College, Kottayam, April 2013.
2013-2014	Prof. Dr. R. Vijayakumar	<ol style="list-style-type: none"> 1. National Seminar on “Computing and Communication” at School of Computer Sciences, December 2013. 2. One day Induction Training programme for Aided and Govt Teachers of Southern Region of Kerala, with the help of Flair Group ,Higher Education Dept , Govt of Kerala on 03/08/2013 ; Venue: Seminar Hall , School of Environmental Sciences.- Co-ordinated by Prof & HoD



		<p>Dr.R.Vijayakumar , DCDC as per Directions of Registrar and Hon'ble VC.</p> <ol style="list-style-type: none">3. A workshop for Lateral Entry MCA (LMCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme held on 06-09-2013 .4. A workshop on Double Degree MCA (DD MCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme held on 11-10-2013.
	Dr. Bindu V.R.	<ol style="list-style-type: none">1. One-week long ISTE-SRM short term training programme on “Image Processing” organized by College of Engineering, Attingal and sponsored by Indian Society of Technical Education, New Delhi during 3rd June to 9th June 2013.2. 2.State Level workshop on e-governance, Thiruvananthapuram, June 20133. A workshop for Lateral Entry MCA (LMCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme -----06-09-20134. One day ISTE e-Workshop on “Creative Teaching” at School of Computer Sciences, October 2013.5. A workshop on Double Degree MCA (DD MCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme -----11-10-20136. 6. National Seminar on “Computing and Communication” organized by School of Computer Sciences, December 2013.7. 3-day National Workshop on Computer Vision and Image Processing Techniques organized by Amrita School of Engineering, Coimbatore during Feb 6-8, 2014.8. Presented a research paper at the IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2014) held at the PRIST University, at Chennai, India during Feb 17-19, 2014.
	Ms. Pushpalatha K P	<ol style="list-style-type: none">1. Short Term Training Programme on “Pattern Recognition” organized by Govt. Engineering College, Kottayam, June 20132. A workshop for Lateral Entry MCA (LMCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme -----06-09-20133. One day ISTE e-Workshop on “Creative Teaching” at School of Computer Sciences, October 2013.4. A workshop on Double Degree MCA (DD MCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme -----11-10-20135. National Seminar on “Computing and Communication” organized by School of Computer Sciences, December 2013.



	<p>Dr. Anuj Mohamed</p>	<ol style="list-style-type: none"> 1. Short Term Training Programme on “Pattern Recognition” organized by Govt. Engineering College, Kottayam, June 2013 2. State Level workshop on e-governance, Thiruvananthapuram, June 2013 3. A workshop for Lateral Entry MCA (LMCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme -----06-09-2013 4. One day ISTE e-Workshop on “Creative Teaching” at School of Computer Sciences, October 2013. 5. A workshop on Double Degree MCA (DD MCA) Formulation of Scheme ,Syllabi and Regulation for the newly introduced programme -----11-10-2013 6. National Seminar on “Computing and Communication” organized by School of Computer Sciences, December 2013. 7. Workshop on “Speech Processing” organized by Govt. Engineering College, Kottayam, December 2013
<p>2014-2015</p>	<p>Prof. Dr. R Vijayakumar</p>	<ol style="list-style-type: none"> 1. Devamatha College, Kuravilangad – delivered the inaugural address in the UGC sponsored National Seminar. 2. Sullamussalam Science College, Malappuram – delivered the inaugural address in the National Conference on Advances in Computing , Communication and Applications (ACCA’15) . 3. TITUS II Teacher Education College, Thiruvalla– delivered the valedictory address in the National Seminar on “ Learning opportunities- ICT Education” 4. FISAT , Angamali, Ernakulam - delivered the keynote address in the 4th International Conference on “ Advanced Computing and communication Technologies for HPC Applications “ 5. .Newman College, Thodupuzha- delivered the inaugural address in the National Seminar on “ Cyber Space and Security “. 6. Attended an International Seminar on “Talking Like Humans” by Christy Alias, Ph.D Scholar, Trinity College, Dublin, Ireland on 6th December, 2014 as part of Interface 2014. 7. Attended a workshop on ‘NAAC Accreditation’ organized by the University on 19th March 2015.
	<p>Dr. Bindu V.R.</p>	<ol style="list-style-type: none"> 1. Invited talk on “Fuzzy Logic” at Assumption College, Changanassery on 1.10.2014. 2. Workshops/Seminars 3. Organized awareness workshop on Spoken Tutorial project (an initiative of NMEICT, MHRD, Govt. of India), as Chief Co-ordinator of the University for the faculty members from the departments of Computer Science and Engineering/Computer Applications/IT of



		<p>the various institutions under M G University on 27th August 2014</p> <ol style="list-style-type: none">4. National seminar at School of Computer Sciences by Dr Manjaiah, Professor, Dept. of Studies and Research in Computer Science, Mangalore University on “Systems Programming” on 21st July 2014.5. National E-seminar “Steps2Research” at School of Computer Sciences during 19-20 September 2014.6. International Seminar on “Talking Like Humans” by Christy Alias, Ph.D Scholar, Trinity College, Dublin, Ireland on 6th December, 2014 as part of Interface 2014.7. Presented a paper at International Conference on Computational Intelligence in Data Mining (ICCIDM 2014) during 20th-21st December 2014, held at VSSUT, Sambalpur, Odisha.8. Presented a paper at the Second International Conference on Information Systems Design and Intelligent Applications – 2015(INDIA 015) during Jan8-9, 2015 organized by Faculty of Engineering, Technology and Management , University of Kalyani, West Bengal, India.9. ‘Training A-view System’ for the faculty members and technical staff of the School on 23rd February 2015.10. Two Day Women’s Workshop on RESOURCE BUILDING FOR GENDER SENSITISATION IN HIGHER EDUCATION organized by the Kerala State Higher Education Council on 28/2/2015 and 1/3/2015 at Thiruvananthapuram.11. Workshop on ‘NAAC Accreditation’ organized by the University on 19th March 2015.
	Ms.Pushpalatha K.P.	<ol style="list-style-type: none">1. National seminar at School of Computer Sciences by Dr Manjaiah, Professor, Dept. of Studies and Research in Computer Science, Mangalore University on “Systems programming” on 21st July 2014.2. Awareness workshop on Spoken Tutorial project (an initiative of NMEICT, MHRD, Govt. of India) for the faculty members from the departments of Computer Science and Engineering/Computer Applications/IT of the various institutions under M G University on 27th August 2014.3. National E-seminar “Steps2Research” at School of Computer Sciences during 19-20 September 2014.4. International Seminar on “Talking Like Humans” by Christy Alias, Ph.D Scholar, Trinity College, Dublin, Ireland on 6th December, 2014 as part of Interface 2014.5. Workshop on ‘Training A-view System’ on 23rd February 2015 organized by the School.



	<p>Dr. Anuj Mohamed</p>	<ol style="list-style-type: none"> 1. National seminar at School of Computer Sciences by Dr Manjaiah, Professor, Dept. of Studies and Research in Computer Science, Mangalore University on “Systems programming” on 21st July 2014. 2. Awareness workshop on Spoken Tutorial project (an initiative of NMEICT, MHRD, Govt. of India) for the faculty members from the departments of Computer Science and Engineering/Computer Applications/IT of the various institutions under M G University on 27th August 2014. 3. National E-seminar “Steps2Research” at School of Computer Sciences during 19-20 September 2014. 4. International Seminar on “Talking Like Humans” by Christy Alias, Ph.D Scholar, Trinity College, Dublin, Ireland on 6th December, 2014 as part of Interface 2014. 5. Presented a paper at International Conference on Computational Intelligence in Data Mining (ICCIDM 2014) during 20th-21st December 2014, held at VSSUT, Sambalpur, Odisha. 6. Presented a paper at Second International Conference on Information Systems Design and Intelligent Applications – 2015(INDIA 015) during Jan8-9, 2015 organized by Faculty of Engineering, Technology and Management , University of Kalyani, West Bengal, India. 7. Workshop on ‘Training A-view System’ on 23rd February 2015 organized by the School. 8. Workshop on ‘NAAC Accreditation’ organized by the University on 19th March 2015.
<p>2015-2016</p>	<p>Prof. Dr. R Vijayakumar</p>	<ol style="list-style-type: none"> 1. Organizer & Resource Person for Faculty development programme for Teachers from 30th July 2015 to 12th August 2015 as Director, College Development council(DCDC) 2. Attended a one day Workshop on Syllabus Revision of M.Sc and M.Tech of the School on 9.06.2015. 3. Attended a workshop/training session on Spoken Tutorial Project (an initiative of NMEICT, Ministry of Human Resource Development, Govt. of India) on 12.08.2015 4. Attended a workshop on “Framing of Scheme and Syllabus of M Phil Computer Science” at School of Computer Sciences on 08.09.2015. 5. Attended a seminar on “Image Processing Technologies for Defence Applications” by Dr. Lekshmi S, Scientist , NPOL (also an alumnus of the School), on 4.12.2015. 6. Attended the “NAAC Workshop on Documents to be Prepared” organized by the University on 12.04.2016.
	<p>Dr. Bindu V R</p>	<ol style="list-style-type: none"> 1. User Awareness Programme on Plagiarism on 3/6/2015 for Faculty, Researchers and Students, organized by University Library, Mahatma Gandhi University.



	<ol style="list-style-type: none">2. Workshop on “M Sc and M Tech Syllabus Revision” as Chair Person, BOS, School of Computer Sciences on 9/6/2015.3. Participated in the Consultative Meeting with “Committee on Gender Justices in Campuses” organized by the Kerala State Higher Education Council on 29.07.2015.4. Workshop/training session on Spoken Tutorial Project (an initiative of NMEICT, Ministry of Human Resource Development, Govt. of India) as the chief-coordinator of the University on 12.08.20155. Workshop on “Framing of Scheme and Syllabus of M Phil Computer Science” as Chair Person, BOS, School of Computer Sciences on 08.09.2015.6. “International Seminar on Science of Music” organized by Inter University Centre for Studies in Science of Music and Mahatma Gandhi University during 25-27 September 20157. Participated in the conference to streamline the admission and academic excellence on MCA 2016-17 representing the University. The meeting was convened by “Admission Supervisory Committee and Fee Regulatory Committee for Professional Colleges of Kerala” chaired by Justice J S James at Thiruvananthapuram on 27.10.2015.8. 3 day workshop on “Network Simulator 2” (19.11.15 to 21.11.15) as part of Capacity Building and Knowledge Upgradation for faculty members and M Sc/M Tech and Research students of the School.9. Orientation Programme on “NAAC Accreditation” organized by the University on 26.11.2015.10. Seminar on “Image Processing Technologies for Defence Applications” by Dr. Lekshmi S, Scientist , NPOL (also an alumnus of the School), on 4.12.2015.11. As professional member of ACM, attended the ACM-India Annual Event 2016 held on 22.01.2016 at Thiruvananthapuram.12. National level 3-day E-conference 28.01.2016 to 30.01.2016. The School participated as a Nodal Centre in the National Conference on Research in Emerging Areas (NACORE 2016).13. Two-day National Workshop on “India’s First Cloud Computing Championship – IFC3 INDIA” in collaboration with Neuromancers, IIT Bhubaneswar and Infero, Scitech Council IIT Hyderabad from 9.02.16 to 10.02.16.14. Attended the District Innovation Committee meeting held on 23/02/2016 convened by the District Collector, Kottayam.
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		<p>15. National Workshop on Cyber Crimes and Cyber laws organized by School of Indian Legal Thought, MGU during 27th and 28th February 2016.</p> <p>16. Chaired the programme in connection with the commemoration of World Zero Discrimination Day on 1st March 2016, conducted by Inter University Centre for Disability Studies(IUCDS), School of Behavioral Sciences in association with NSS and DSU, M G University.</p> <p>17. Workshop on “NAAC Accreditation” organized by the University on 12.04.2016.</p> <p>18. Three day National level workshop on “Data Analytics and Machine Learning Using R” June 15-18, 2016.</p> <p>19. Workshop on “Cloud Solutions and Implementation” for faculty and technical staff of the School on 28.06.2016.</p>
	<p>Ms. Pushpalatha K.P.</p>	<p>1. Workshop on Syllabus Revision of M.Sc and M.Tech of the School on 9.06.2015</p> <p>2. Workshop/training session on Spoken Tutorial Project (an initiative of NMEICT, Ministry of Human Resource Development, Govt. of India) on 12.08.2015</p> <p>3. Workshop on “Framing of Scheme and Syllabus of M Phil Computer Science” at School of Computer Sciences on 08.09.2015. The scheme and syllabi for the new M Phil programme to be commenced in the School in the current academic year was framed.</p> <p>4. 3 day workshop on “Network Simulator 2” (19.11.15 to 21.11.15) organized as part of Capacity Building and Knowledge Upgradation of Faculty</p> <p>5. Seminar on “Image Processing Technologies for Defence Applications” by Dr. Lekshmi S, Scientist , NPOL (also an alumnus of the School), on 4.12.2015.</p> <p>6. National level 3-day E-conference 28.01.2016 to 30.01.2016. The School participated as a Nodal Centre in the National Conference on Research in Emerging Areas (NACORE 2016).</p> <p>7. Two-day National Workshop on “India’s First Cloud Computing Championship – IFC3 INDIA” in collaboration with Neuromancers, IIT Bhubaneswar and Inero, Scitech Council IIT Hyderabad from 9.02.16 to 10.02.16.</p> <p>8. “NAAC Workshop on Documents to be Prepared” organized by the University on 12.04.2016.</p> <p>9. Three day National level workshop on “Data Analytics and Machine Learning Using R” June 15-18, 2016</p> <p>10. Workshop on “Cloud Solutions and Implementation” for faculty and technical staff of the School on 28.06.2016.</p>
	<p>Dr. Anuj Mohamed</p>	<p>1. One day workshop on syllabus revision of M.Sc and M.Tech of the School on 9.06.2015</p>



	<ol style="list-style-type: none">2. Workshop/training session on Spoken Tutorial Project (an initiative of NMEICT, Ministry of Human Resource Development, Govt. of India) on 12.08.20153. Workshop on “Framing of Scheme and Syllabus of M Phil Computer Science” at School of Computer Sciences on 08.09.2015.4. “International Seminar on Science of Music” organized by International Centre for Studies in Science of Music and Mahatma Gandhi University from 25.9.15 to 27.9.155. 3 day workshop on “Network Simulator 2” (19.11.15 to 21.11.15) organized as part of Capacity Building and Knowledge Upgradation of Faculty members as well as M Sc/M Tech and Research students of the School.6. Orientation Programme on “NAAC Accreditation” organized by the University on 26.11.2015.7. Seminar on “Image Processing Technologies for Defence Applications” by Dr. Lekshmi S, Scientist , NPOL (also an alumnus of the School), on 4.12.2015.8. As professional member of ACM, attended the ACM-India Annual Event 2016 held on 22.01.2016 at Thiruvananthapuram.9. National level 3-day E-conference 28.01.2016 to 30.01.2016. The School participated as a Nodal Centre in the National Conference on Research in Emerging Areas (NACORE 201610. Two-day National Workshop on “India’s First Cloud Computing Championship – IFC3 INDIA” in collaboration with Neuromancers, IIT Bhubaneswar and Infero, Scitech Council IIT Hyderabad from 9.02.16 to 10.02.16.11. “NAAC Workshop on Documents to be Prepared” organized by the University on 12.04.2016.12. Three day National level workshop on “Data Analytics and Machine Learning Using R” June 15-18, 201613. Workshop on “Cloud Solutions and Implementation” for faculty and technical staff of the School on 28.06.2016.
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28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : Nil
- percentage of students doing projects in collaboration with other universities industry / institute : 100%

29. Awards / recognitions received at the national and international level by

- Faculty : Nil
- Doctoral / post-doctoral fellows : Nil
- Students : Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Year		Seminars/ Conferences/Workshops	Source of funding	outstanding participants
2010-11	1	Workshop on “Tour Making”, October 18-19, 2010	Mahatma Gandhi University	Mr.Aravind Paranjpye, Officer for Science Popularization, IUCAA, Pune.
	2	Seminar on “Cyber Crimes”, December 17, 2010.	Mahatma Gandhi University	Mr. E.S. Bijumon, DYSP, Cyber Cell, Trivandrum,
	3	Workshop on “FOSS and BOSS”	Mahatma Gandhi University	Smt. Saleena H, Senior Technical Officer, CDAC, Trivandrum,
	4	Workshop on “e-Astronomy and Statistics”, organized by School of Pure and Applied Physics in association with School of Computer Sciences January 17-19, 2011	Scholar in Residence Programme Funded by Government of Kerala	Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA Dr. Archana Pai, Indian Institute of Science Engineering and Research (IISER), Trivandrum
	5	Seminar on “Best Programming Practices”, January 20, 2011.	„	Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA, (Erudite Scholar-Mahatma Gandhi University).
	6	National Conference on “Computing and Communication”, May 26-27, 2011.	Mahatma Gandhi University	Prof. (Dr.) S.K. Sinha, CEDT, Indian Institute of Science, Bangalore. (Dr.) AchuthSankar S. Nair, Director and Sri. Umesh, Assistant Professor, State Inter University Center of Excellence in Bio-Informatics, University of Kerala.
		Workshop on “Teaching Learning Process”, 2011.		Prof. (Dr.) R. Vijayakumar, HOD, School of Computer Sciences, Mahatma Gandhi University, Kottayam



	8	Workshop on “MCA Syllabus Revision”, 24-25 March 2011.	„	
	9	Workshop on “MCA Syllabus Revision”, 12 May 2011.	“	
2011-12	1	National level seminar, December 2011.	„	Ms. Easwari PV, Senior consultant, Siemens Information Systems Limited, Bangalore. (also an alumnus of the School). Dr. Achuth Sankar S Nair, Hon. Director, Centre for Bio-Informatics.
	2	Conference on “Computing Paradigms and Bio-informatics” (CPBI 2012), January, 2012.	„	Prof. (Dr.) Achuth Sankar S. Nair, Director, State Inter University Center of Excellence in Bio-Informatics, University of Kerala. Prof. (Dr.) Paulose Jacob, HOD, Department of Computer Science, Cochin university of Science and Technology, Kerala.
	3	Seminar on “Computational Intelligence, Robotics and Autonomous Systems” January 3rd, 2012.		Dr. Prahlad Vadakkeppat, National University of Singapore,
2012-13	1	Workshop on “ Open source software		Dr.Iqbal, former Vice-chancellor of Kerala University.



	2	National level technical talk on “NP Complete Problems and High Performance Computing” Dec, 2012.	Mahatma Gandhi University	Mr. Mahesh, FISAT
2013-14	1	School was a nodal centre for the One day ISTE e-Workshop on “Creative Teaching”, October 5 th 2013 through A-View, an e-learning software. The Seminar was conducted by the Department of Computer Science & Engineering and Computer Applications of AmalJyothi College of Engineering.	ISTE	Dr.MuktaAtrey, Senior Project Manager, ProjectEkalavya,IIT Bombay Prof.Dr.Sabu Thomas, School of Chemical Science, MG University, Kottayam
	2	National Seminar on “Computing and Communication” at School of Computer Sciences, December 2013.	Mahatma Gandhi University	Dr. K.P. Soman, Prof. & HOD, Centre for Excellence in Computational Engineering, Amrita VishwaVidyapeetham, Coimbatore Dr.Sumithra S Nair, Indian Institute of Space Science and Technology (ISTE), Thiruvananthapuram Sri. Krishnan Chittoor, S/W Developer, Microsoft India Ltd.
2014-15	1	A seminar on “Systems Programming” on 21.07.2014.		Dr Manjaiah, Professor, Dept. of Studies and Research in Computer Science, Mangalore University
	2	Spoken Tutorial project(an initiative of NMEICT, MHRD, Govt. of India) in the University, a training session at School of Computer Science and Engineering/Computer	MHRD, NMEICT	Mr.Swapnil More, Training Coordinator, Spoken Tutorial (MHRD, NMEICT) IIT Bombay.



	Applications/IT institutions under M G University on 27.08.2014.		
3	Seminar on “Research Topics for M Tech Dissertation” on 18.09.2014.	Mahatma Gandhi University	Dr Madhu S Nair, Asst. Professor, Dept. of Computer Science, University of Kerala
4	School was a nodal centre for the National E-seminar “Steps2Research” during 19-20 Sept 2014 through A-View, an e-learning software. The Seminar was conducted by the Department of Computer Science & Engineering and Computer Applications of AmalJyothi College of Engineering.	ISTE	Prof.Dr.D.B. Phatak,IIT Bombay Dr.MuktaAtrey (Senior Project Manager, Project T10KT) Prof.Dr. Kannan Moudgalya, IIT Bombay Mr.Vijayaraghavan(Former CEO Techno Park, Member- State Planning Board Kerala) Dr.Achutsankar S Nair, Centre for Bio Informatics, Trivandrum Dr.SahanaMurthy, IIT Bombay
5	International Seminar on “Talking Like Humans” on 6 th December 2014.	Department Development Fund of the School	Christy Alias, Ph.D Scholar, Trinity College, Dublin, Ireland (also an alumnus of the School)
6	A workshop on ‘Training A-view System’ by A-View team of Amrita University under the initiative of NMEICT, Ministry of Human Resource Development, Govt. of India, on 23 rd February 2015.	NMEICT, Ministry of Human Resource Development, Govt. of India,	
7	A workshop on ‘Scilab’ by the Spoken Tutorial Project, on 25/3/2015	National Mission on Education through ICT, MHRD, Govt. of India.	Online through “Talk To A Teacher” project of IIT Bombay



2015-16	1	Workshop on Syllabus Revision M.Sc./M.Tech, of the School Of Computer Sciences on 09/06/15.		
	2	As part of strengthening the activities of the Placement Cell of the School, a one-day workshop on “Skill Enhancement” was organized for students of the School on 19.08.2015. The event was organized in remembrance of Dr. A.P.J. Abdul Kalam. Two of our alumni, who are well experienced have handled the sessions.	Department Development Fund of the School	Ms. Easwari PV, Senior consultant, Siemens Information Systems Limited, Bangalore. (also an alumnus of the School) Sreevidya P. Assistant Director, IT Services, EYGSS, GDN India-Cochi Centre
	3	National level 3-day E-conference using the virtual class room and video-conferencing facility set up in the School. The School participated as a Nodal Centre in the National Conference on Research in Emerging Areas (NACORE 2016), a National e-conference organized by AmalJyothi College of Engineering and Technology from 28.01.2016to 30.01.2016. Research scholars and M Tech students of the School presented research papers in the conference, which had around 20 nodal centres participating from across the Nation.	The event was sponsored by KSCSTE in association with ISTE Kerala Section.	Dr.R M Vasu, Professor, Indian Institute of Science, Bangalore, India. Dr.Debashish Roy, Professor, Computational Mechanics Lab, Indian Institute of Science, Bangalore, India Mr.Sreekanth R Iyer, Cloud Security Architect (CTO's Office), IBM Cloud, IBM Master Inventor, Member - IBM Academy of Technology, Open Group CertifiedDistinguished Architect. “Dr.VinodBhattathiripad, Cyber Forensic Consultant
	4	A workshop on “Framing of Scheme and Syllabus of M Phil Computer Science” at School of Computer Sciences on 8.09.2015.		



	5	A 3 day workshop on “Network Simulator 2”, 19.11.15 to 21.11.15	Mahatma Gandhi University	Mr. Pankaj Kumar G., System Analyst, FISAT.
	6	Seminar on “Image Processing Technologies for Defence Applications” on 4.12.2015.	„	Dr.Lekshmi S, Scientist, NPOL (also an alumnus of the School)
	7	Two-day National Workshop on “India’s First Cloud Computing Championship – IFC3 INDIA” in collaboration with Neuromancers, IIT Bhubaneswar and Infero, Scitech Council IIT Hyderabad from 9.02.16 to 10.02.16.	Department Development Fund of the School	Mr. Himanshu Dogra, Cloud Trainer cum Consultant AICRAD.
2016-17	1	A workshop on “Cloud Solutions and Implementation” for faculty and technical staff of the School on 28.06.2016	Mahatma Gandhi University	Mr.Saneesh Kaniyath, Sr. Technical Consultant, Smartsoft, Cochin.
	2	Three day National level workshop on “Data Analytics and Machine Learning Using R” June 15-18, 2016 as part of Capacity Building and Knowledge Upgradation for faculty members and M Sc/M Tech/M Phil and Research students of the School , in collaboration with Scientific Computing Solutions, Chennai.	Mahatma Gandhi University	Dr. Mahesh Anand, Founder and CTO, Scientific Computing Solutions (SCS-India)
	3	Seminar on “Remoteness Function on Median Graphs”, 2 nd Dec 2016,	Mahatma Gandhi University	Dr. Ajitha R. S., Post Doctoral Fellow, University of Kerala. (also an alumnus of the School)



31. Code of ethics for research followed by the departments: publications and thesis are subjected to plagiarism analysis. Uses only licensed versions of software/tools for research purpose. Provides healthy environment to foster ethical research.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc 2011-13 Batch	81	4	19	100%	100%
M.Sc 2012-14 Batch	121	10	15	100%	100%
M.Sc 2013-15	139	5	20	90%	100%
M.Sc 2014-16	397	12	13	-	-
M.Sc 2015-17	253	5	16	-	-
M.Tech 2012-14	55	5	13	100%	100%
M.Tech 2013-15	54	4	14	100%	100%
M.Tech 2014-16	27	4	14	-	-
M.Tech 2015-17	21	1	14	-	-
MPhil 2015-16	37	1	5	-	-
Ph.D 2011		2	4		
Ph.D 2012		0	2		
Ph.D 2013		3	1		
Ph.D 2014		9	6		
Ph.D 2015		1	3		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc 2011-13 Batch	100%	-	-	-
M.Sc 2012-14 Batch	84%	12%	-	4%
M.Sc 2013-15	88%	8%	-	4%



M.Sc 2014-16	68%	24%	-	8%
M.Sc 2015-17	92%	8%	-	-
M.Tech 2012-14	67%	33%	-	-
M.Tech 2013-15	63%	37%	-	-
M.Tech 2014-16	65%	29%	6%	-
M.Tech 2015-17	53%	40%	7%	-
MPhil 2015-16	100%	-	-	-
Ph.D 2011	-	40%	60%	-
Ph.D 2012	50%	-	50%	-
Ph.D 2013	-	25%	75%	-
Ph.D 2014	6%	13%	81%	-
Ph.D 2015	-	-	100%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- **Defense Services examinations** – Manu Gopal
- **GATE**–9 M.Tech (2012-14 Batch) students, 3 M.Tech (2013-15 Batch) students
- **Civil Services**– Rema Rajeshwari R. IPS(1999-2001Batch).

Rema Rajeshwari is a 2009 batch Regular Recruit (RR) of the Indian Police Service who got trained at the National Police Academy, Hyderabad, India and was inducted into the IPS on 30 August 2009.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	6%
PG to M.Tech.	1%
PG to Ph.D.	2%
Ph.D. to Post-Doctoral	



Employed	
<input type="checkbox"/> Campus selection	10%
<input type="checkbox"/> Other than campus recruitment	75%
Entrepreneurs	1%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	0
from other universities within the State	50
from universities from other States from	50
universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Ph.D. – 2

Name of the faculty	Details
Bindu V.R.	Ph.D.
Anuj Mohamed	Ph.D.

38. Present details of departmental infrastructural facilities with regard to

Library : The Library of the school has a vision to inspire technological exploration, inculcate research aspiration and backup the academic community to attain the goals having been set. The library uses various tools for providing information to the user community. We stand out with good collection of academic as well as research-oriented books of high reference value. To cater to the increasing amount information needs of the students, research scholars in particular, we have made available online journals from IEEE with high impact factor. Apart from the IEEE database, we have access to *e-shodhsindhu* being provided by INFLIBNET Centre. Our library has been automated with much acclaimed open source software Koha. We have dedicated machines with high speed internet connection for searching e-resources and OPAC. The resources of our library have been made available online by being a part of the union catalogue in collaboration with the university central library. We utilize the budgetary allocation prudently with a view to keeping pace with the rapid advancement in our area of specializations.

- **Internet facilities for staff and students:** Campus Wide Network of the University.
- **Total number of class rooms** : 6
- **Class rooms with ICT facility** : 2



- Students' laboratories : 2
- Research laboratories : 1

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university –

Name of Guide	Name of Doctoral student	Post Doctoral
Dr. G. Raju	Reshmi K R	Nil
Dr. R. Vijayakumar	Jobin Varghese	
Dr. Gladston Raj	Rahul Shajan	

- from other institutions/universities – the remaining 26 are from other Universities

40. Number of post graduate students getting financial assistance from the university.

Aspire Scholarship for the final project.	
Number of M.Sc Students (2010-2012)	– 2
Number of M.Sc Students (2011-2013)	– 9
Number of M.Sc Students (2012-2014)	– 20
Number of M.Tech Students (2012-14 Batch)	– 14

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before commencing MPhil in Computer Science, an informal need assessment was undertaken. It was observed that MPhil in Computer Science was offered only in Kannur University, in the state. This indicated the requirements of trained manpower in the field of Computer science

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes. The feedback is used for curriculum revision. All faculty members participate in curriculum revision being members of BOS of school.

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Students' feedbacks are regularly collected and analysed by faculty members and are effectively used for improving the teaching-learning process.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Feedbacks from the various stakeholders are used in the regular updation of syllabi and up to date choice of electives, meeting the demands of the academia and industry.


43. List the distinguished alumni of the department (maximum 10)

Sl. No	Name	Address	e-mail/ Phone number	M Sc Batch
1	Santhosh Pillai	Technical Program Manager, Microsoft, USA	https://www.linkedin.com/in/sanpil	1993-1995
2	Sunil Chakkappen	Consulting Member of Technical Staff, Oracle, San Francisco Bay Area, USA	https://www.linkedin.com/pub/sunil-chakkappen/3/a16/588	1993-1995
3	Suresh Babu	Director R&D Engineering VM Ware Bangalore	+91 8041140439	1994-96
4	Dr.Ajitha R S	UGC Research Awardee (Post Doctoral), Assistant Professor, Dept. Of Computer Application, NSS College, Rajakumary.	ajithars@gmail.com	1994-96
5	Dr Lekshmi S	Scientist E Naval Physical and Oceanographic Laboratory DRDO Ministry of Defense Thrikkakara Kochi	lekshmis_23@yahoo.com	1995-97
6	Easwari P.V.	Architect and Software Consultant, Siemens Technology and Services, Bangalore, INDIA.	easwari@gmail.com +91 9972622775	1995-1997
7	Jeesmon Jacob	Senior Software Engineer, eBay Inc, USA	jeesmon@gmail.com	1996-98
8	Rema Rajeshwari I.P.S.	Deputy Commissioner Of Police, Malkajgiri zone, Cyberabad (Hyd), Head-Cyb SHE TEAMS Malkajgiri Hyderabad	dcp_alwal@cyb.tspolice.gov.in 9490617203 08418-232336 (office)	1999-2001
9	Vipin Das R	Senior Project Manager, Infosys Ltd. Trivandrum	Vipindas.r@gmail.com 8547765951	1999 – 2001
10	Vipins Gopinath	Senior Software Design Engineer, Microsoft, USA	https://www.linkedin.com/pub/vipins-gopinadhan/8/617/b6a vipinspg@hotmail.com	2000-2002



44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Period	Conferences, Seminars , Workshops
2010-11	<ol style="list-style-type: none">1. Workshop on “Tour Making”, Mr. Aravind Paranjpye, Officer for Science Popularization, IUCAA, Pune, October 18-19, 2010.2. Seminar on “Cyber Crimes”, Mr. E.S. Bijumon, DYSP, Cyber Cell, Trivandrum, December 17, 2010.3. Workshop on “FOSS and BOSS”, Smt. Saleena H, Senior Technical Officer, CDAC, Trivandrum, December 17, 2010.4. Workshop on “e-Astronomy and Statistics”, organized by School of Pure and Applied Physics in association with School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January 17-19, 2011 with the following resource persons<ul style="list-style-type: none">• Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA• Dr. Archana Pai, Indian Institute of Science Engineering and Research (IISER), Trivandrum• Dr. Ninan S Philip, Professor, St. Thomas College, Kozhencherry, Kerala5. Seminar on “Best Programming Practices”, Dr. Ashish Mahabal, Senior Research Scientist, California Institute of Technology (Caltech) USA, (Erudite Scholar- Mahatma Gandhi University), January 20, 2011.6. National Conference on “Computing and Communication (NCCC 2011)”, School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, May 26-27, 2011. <p>Technical Talks Included:</p> <ul style="list-style-type: none">• “A Brief History of Computing” by Prof. (Dr.) S.K. Sinha, CEDT, Indian Institute of Science, Bangalore.• “KERA- A New Language for Synthetic Biology” by Prof. (Dr.) AchuthSankar S. Nair, Director and Sri. Umesh, Assistant Professor, State Inter University Center of Excellence in Bio-Informatics, University of Kerala.• “Machine to Machine Communication” by Prof. (Dr.) K.S. Mohanachandra Panicker, Dean (Planning & Research),



	<p>7. Workshop on “Teaching Learning Process”, by Prof. (Dr.) R. Vijayakumar, HOD, School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, 2011.</p> <p>8. Workshop on “Computer Networking Leading to CCNA Certification”, March 16, 2011.</p>
2011-12	<p>1. National level seminar by Ms. Easwari PV, Senior consultant , Siemens Information Systems Limited, Bangalore, Dr. Achuth Sankar S Nair, Hon. Director, Centre for Bio-Informatics, Dr. K S M Panicker, Dean, FISAT in December 2011.</p> <p>2. Conference on “Computing Paradigms and Bio-informatics” (CPBI 2012), School of Computer Sciences, Mahatma Gandhi University, Kottayam, Kerala, January, 2012.</p> <p>Talks Included:</p> <ul style="list-style-type: none"> i. “Computing in New Biology” by Prof. (Dr.) AchuthSankar S. Nair, Director, State Inter University Center of Excellence in Bio-Informatics, University of Kerala. ii. “High Performance Computing Paradigms” by Mahesh C., FISAT, Angamaly. iii. “Bio-Informatic Approach for Structure Function Analysis Polyketide Synthases: Lessons”, Dr.Radhakrishnan E K, School of Bio Science, Mahatma Gandhi University. iv. “Cloud Computing” by Prof. (Dr.) Paulose Jacob, HOD, Department of Computer Science, Cochin university of Science and Technology, Kerala. <p>3. Seminar on “Computational Intelligence, Robotics and Autonomous Systems” by Dr. Prahlad Vadakkeppat, National University of Singapore, January 3rd, 2012.</p>
2012-13	<p>1. Workshop on “Open source software “ was organized by the School during 2012, inaugurated by Dr.Iqbal, former Vice-chancellor of Kerala University.</p> <p>2. National level technical talk on “NP Complete Problems and High Performance Computing” as part of Interface2012 in Dec, 2012.</p>
2013-14	<p>1. School was a nodal centre for the One day ISTE e-Workshop on “Creative Teaching”, October 5th 2013 through A-View, an e-learning software. The Seminar was conducted by the Department of Computer Science & Engineering and Computer Applications of Amal Jyothi College of Engineering.</p>



	<p>Technical Talks Included:</p> <ul style="list-style-type: none">➤ KeyNote Address by Dr.Mukta Atrey, Senior Project Manager, Project Ekalavya, IIT Bombay➤ Effective Teaching & Adaptive Learning by Rev.Dr.Jose Kannampuzha Principal, Amal Jyothi College of Engineering, Kanjirappally➤ Teacher Research lead to learning by Prof. Dr. Sabu Thomas, School of Chemical Science, MG University, Kottayam➤ Know your students– Teacher student relations by Rev. Dr.Tomy Tharayil, (Director, Danahalaya, Punnapra)➤ Communication skills and career oriented tools for teachers- by Mr.Abraham Kurien IPS (former DGP, Govt. of UP, Member, Civil Service Interview Board of the UPSC). <p>2. National Seminar on “Computing and Communication” at School of Computer Sciences, December 2013.</p> <p>Technical Talks Included:</p> <ul style="list-style-type: none">i. Computing in Malayalam for Malayalam using Visual Programming Language- by Dr. K.P. Soman, Prof. & HOD, Centre for Excellence in Computational Engineering, Amrita Vishwa Vidyapeetham, Coimbatoreii. Algorithm for Mining the Web and the Database- by Dr.Sumithra S Nair, Indian Institute of Space Science and Technology (ISTE), Thiruvananthapuramiii. Context Centered Communication- by Sri. C.K. Subramania Prasad, Retd. Prof & HOD, Dept. Of Civil Engineering, NSS College, Palakkadiv. Latest Trends in Software Engineering- by Sri. Krishnan Chittoor, S/W Developer, Microsoft India Ltd.
2014-15	<p>1. A seminar by Dr Manjaiah, Professor, Dept. of Studies and Research in Computer Science, Mangalore University on “Systems Programming” on 21.07.2014.</p> <p>2. Spoken Tutorial project(an initiative of NMEICT, MHRD, Govt. of India) in the University, a training session at School of Computer Science and Engineering/Computer Applications/IT institutions under M G University on 27.08.2014. Mr.Swapnil More, Training Coordinator, Spoken Tutorial (MHRD, NMEICT) IIT Bombay.</p> <p>3. Seminar on “Research Topics for M Tech Dissertation” at School of Computer Sciences by Dr Madhu S Nair, Asst. Professor, Dept. of Computer Science, University of Kerala on 18.09.2014.</p>



	<p>4. School was a nodal centre for the National E-seminar “Steps2Research” during 19-20 Sept 2014 through A-View, an e-learning software. The Seminar was conducted by the Department of Computer Science & Engineering and Computer Applications of Amal Jyothi College of Engineering. The seminar was enriched by scholarly talks by the various personalities such as</p> <ul style="list-style-type: none"> • “The research mind set” Prof. Dr. D.B. Phatak, IIT Bombay • “NMEICT activities and T10KT project in IIT B” Dr.Mukta Atrey (Senior Project Manager, Project T10KT) • “Introductions to Research” Rev. Dr. Jose Kannampuzha, Principal, Amal Jyothi College of Engg • “Research issues in Massive IT literacy drive in India” Prof.Dr. Kannan Moudgalya, IIT Bombay • “Engineering Research, Incubation and Technology Transfer – The Technopark Story” by Mr.Vijayaraghavan (Former CEO Techno Park, Member- State Planning Board Kerala) • “Management of Research Process: Philosophy & Practical Tips” Dr.Achutsankar S Nair, Centre for Bio Informatics, Trivandrum • “The process of Action Research” Dr.Sahana Murthy, IIT Bombay • “How to write research proposals, funding agencies, filing patents” Dr.Soney C. George. • “How to write thesis” Dr. Jacob Philip,(Director STIC,CUSAT) <p>5. International Seminar on “Talking Like Humans” by Christy Alias, Ph.D Scholar, Trinity College, Dublin, Ireland on 6th December 2014.</p> <p>6. A workshop on ‘Training A-view System’ by A-View team of Amrita University under the initiative of NMEICT, Ministry of Human Resource Development, Govt. of India, on 23rd February 2015.</p> <p>7. A workshop on ‘Scilab’ by the Spoken Tutorial Project, through “Talk To A Teacher” project of IIT Bombay on 25/3/2015, funded by National Mission on Education through ICT, MHRD, Govt. of India.</p>
2015-16	<p>1. As part of strengthening the activities of the Placement Cell of the School, a one-day workshop on “Skill Enhancement” was organized for students of the School on 19.08.2015. The event was organized in remembrance of Dr. A.P.J. Abdul Kalam. Two of our alumni, who are well experienced have handled the sessions on “Principles and Practices for a Good Professional and Personal Life” and “How to Face an Interview”.</p> <p>2. National level 3-day E-conference using the virtual class room and video-conferencing facility set up in the School. The School participated as a Nodal Centre in the National Conference on Research in Emerging Areas (NACORE 2016), a National e-conference organized by Amal Jyothi College of Engineering and Technology from 28.01.2016to 30.01.2016. The event was sponsored by KSCSTE in association with ISTE Kerala Section.</p>



	<p>Research scholars and M Tech students of the School presented research papers in the conference, which had around 20 nodal centres participating from across the Nation.</p> <p>Key note sessions were</p> <ul style="list-style-type: none">• “Photo-acoustic tomography and applications” by Dr.R M Vasu, Professor, Indian Institute of Science, Bangalore, India.• “A stochastically evolving non-local search for global optimization” by Dr. Debashish Roy, Professor, Computational Mechanics Lab, Indian Institute of Science, Bangalore, India• “Cloud Security and its Opportunities” by Mr.Sreekanth R Iyer, Cloud Security Architect (CTO's Office), IBM Cloud, IBM Master Inventor, Member - IBM Academy of Technology, Open Group Certified Distinguished Architect.• “Cyber Crimes”, Dr.Vinod Bhattathiripad, Cyber Forensic Consultant• “NoSQL Exploitation Framework” Francis Alexander, Information Security Researcher <ol style="list-style-type: none">3. A 3 day workshop on “Network Simulator 2” (19.11.15 to 21.11.15) for faculty members as well as M Sc/M Tech and Research students of the School.4. Seminar on “Image Processing Technologies for Defence Applications” by Dr. Lekshmi S, Scientist, NPOL (also an alumnus of the School), on 4.12.2015.5. Two-day National Workshop on “India’s First Cloud Computing Championship – IFC3 INDIA” in collaboration with Neuromancers, IIT Bhubaneswar and Infero, Scitech Council IIT Hyderabad from 9.02.16 to 10.02.16. Our School served as a zonal centre. Students from affiliated institutions also participated. Three delegates were selected for the National level competition.
2016-17	<ol style="list-style-type: none">1. Three day National level workshop on “Data Analytics and Machine Learning Using R” June 15-18, 2016 as part of Capacity Building and Knowledge Upgradation for faculty members and M Sc/M Tech/M Phil and Research students of the School, in collaboration with Scientific Computing Solutions, Chennai.2. Seminar on “Remoteness Function on Median Graphs”, 2nd Dec 2016, by Dr. Ajitha R. S., Post Doctoral Fellow, University of Kerala.

45. List the teaching methods adopted by the faculty for different programmes.

1. M.Sc- ICT enabled Lectures, tutorials, practicals, individual/group written/practical assignments, case studies, mini projects , Seminars, Webinars, Major project and dissertation.



2. M Tech - ICT enabled Lectures, tutorials, practicals, individual/group written/practical assignments, case studies, mini projects, Industrial Visits, Seminars, Webinars, Major project and dissertation.
3. M Phil - ICT enabled Lectures, tutorials, discussions, literature reviews, practicals, individual written/practical assignments, case studies, mini projects, Seminars, Webinars, Major dissertation.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through feedbacks from

- Employers, External Examiners, External Project Guides
- The performance of the students in the continuous assessments and evaluations and the final examinations.

47. Highlight the participation of students and faculty in extension activities.

The school plays a key role in integrating the benefits of Open Source Software/Tools in the university's educational process through the Spoken Tutorial Project. Head of the Department being the Chief Co-ordinator of the Spoken Tutorial Project undertakes the implementation of the project in the University.

The University has entered into partnership with the Spoken Tutorial Project Team of IIT Bombay. An MoU was signed on 27.08.2014.

The Spoken Tutorial Project is an initiative of the National Mission on Education through ICT, Ministry of Human Resource Development, Government of India. The objective is to conduct Software Training Workshops on FOSS (Free & Open Source Software), absolutely Free of Cost, with the aid of Spoken Tutorials.

As an initial step towards implementing the Spoken Tutorial project in M G University, two training sessions were organized for the faculty members from the departments of Computer Science and Engineering/Computer Applications/IT and Arts and Science departments of the various institutions under M G University. IIT Bombay Spoken Tutorial Team conducted these Faculty Development and Training Programmes. The aim of these training sessions was to spread the awareness of Spoken Tutorial Project among the faculty members of colleges under MG University.

Now all the participating affiliated institutions have registered faculty coordinators and are giving Software Training Workshops to students on **FOSS** (Free & Open Source Software), absolutely **Free of Cost**, with the aid of Spoken Tutorials.

- The School has been organizing an annual technical meet "Interface" since 1996 and publishing an annual technical publication "IT Glimpse" since 1999. The three days programme is completely organized by the students with ample support and guidance from alumni and faculty members. The event aims at bringing together computer science students from various universities and institutions and to provide a common



platform to share their talents by means of a series of technically challenging competitions like Paper Presentations, Technical Quiz, Programming, N/W gaming, Troubleshooting and so on.

Organizing an event like this enhances the soft skills of our students like organizing capacity, peer group management skills, communication skill etc. in addition to enriching their technical/academic knowledge.

- Orphanage visit – The students, staff and faculty members use to visit a rehabilitation centre near Medical College, Kottayam, spend a day with the inmates, majority of whom are mentally and physically challenged, as part of New Year celebrations and provide a modest financial help.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The School has been organizing an annual technical meet “Interface” for the last 20 years and publishing an annual technical publication “IT Glimpse” for the last 17 years. The two days programme aims at bringing together computer science students from various universities and institutions and to provide a common platform to share their talents by means of a series of technically challenging competitions like Paper Presentations, Technical Quiz, Programming, N/W gaming, Troubleshooting and so on. Organizing an event like this enhances the soft skills of our students like organizing capacity, peer group management skills, communication skill etc. in addition to enriching their technical/academic knowledge.

Steps Taken for upgradation of employment opportunities of students under Additional Skill Acquisition Programmes.

- The School provides short add on courses on different scientific and computational tools to students through the Spoken Tutorial Project, an initiative of NMEICT, MHRD, Govt. of India.
- A series of workshops and seminars have been initiated for “Skill Enhancement” (**SPARK**) for students of the School, as part of strengthening the activities of the Placement Cell of the School. The events organized in a regular manner are co-ordinated by one of the faculty members with the help of student co-ordinators.
- As part of strengthening the activities of the Placement Cell of the School, a one-day workshop on “Skill Enhancement” was organized for students of the School on 19th August 2015. The event was organized in remembrance of Dr. A.P.J. Abdul Kalam. Two of our alumni, who are well-experienced have handled the sessions on “Principles and Practices for a Good Professional and Personal Life” and “How to Face an Interview”.

**49. State whether the programme/ department is accredited/ graded by other agencies?
If yes, give details. : No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Research output in frontier areas (Publications, Book Chapters, Books)
- Major student Projects of M Sc/M Tech of social relevance

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Dedicated team of faculty working together with a vision to mould technically competent and socially committed computer science professionals for nation building.
- A well supportive team of competent technical and non-teaching staff.
- Up-to-date curriculum and sufficient infrastructure facilities including a well equipped library and laboratories.
- Conducive environment for teaching, learning and research activities.
- Relentless support from the resourceful alumni.

Weaknesses:

- Dearth of permanent faculty.
- Lack of sufficient number of technical staff.
- Procedural delay in the traditional system for achieving the targets set up by the department.
- Lack of sufficient training opportunities for faculty members to keep abreast of the rapid changes in the subject.

Opportunities:

- Good opportunity for active research in frontier areas of Computer Science.
- Increasing demand for well trained IT professionals in various sectors.
- Research and development can be enhanced through sponsored projects.
- Scope for interdisciplinary research and project.
- Linkages with industry leading to more opportunities for students and researchers.

Challenges:

- Attracting talented students with research orientation.
- Moulding/training the students in tune with the rapid developments occurring in the subject area.
- Attracting students with geographical diversity.
- Active collaboration with the industry.
- Inadequate supercomputing facilities.

52. Future plans of the department.

1. Enhance the overall research output. Initiatives were taken to set up a High Performance Computing facility in the School utilizing the funding of DST-PURSE scheme. The School has plans to strengthen research in big data analytics contributing



to various data intensive scientific computational requirements using high performance computing.

2. Strengthen the collaboration with Industry/R&D Organizations and undertake research projects of external funding agencies.
3. Enhance student support activities by collaborating as a nodal department with the Business Incubation and Innovation Centre (BIIC), Mahatma Gandhi University, established in 2016 with the seed capital donated by the Government of Kerala, aspiring to support innovations/incubations/entrepreneurship by extending academic and financial support to students through R&D support, start-up grants, patent facilitation and entrepreneurship support.
4. Enhance the infrastructure by setting up a specialized Research Lab with Private Cloud. It has also been planned to migrate the digital repository of Workshops, seminars, Ph.D open defences and other e-learning contents to it.
5. Provide software development solutions and consultancy services to the society. The School has submitted a proposal for setting up Digital Solutions and Consultancy Services (DSACS). This initiative also aims at providing industry level working experience and exposure to students who pass out from the School.
6. Conduct more Capacity Building and Knowledge Upgradation programmes for faculty members and students of the School.
7. Enhance activities of the placement cell by continuing the practice of conducting skill development programmes and remedial programmes in a regular manner.

SCHOOL OF ENVIRONMENTAL SCIENCES

1.	Name of the Department	:	School of Environmental Sciences
2.	Year of establishment	:	1995 (Statutory status from 2000 onwards)
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Environmental and Atmospheric Science
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	<ul style="list-style-type: none"> • M.Sc Environment Science and Management • M.Sc Environment Science and Disaster Management • M.Phil Environment Management • Ph.D in Environmental Science
5.	Interdisciplinary programmes and departments involved	:	<p>The School of Environmental Sciences offers two interdisciplinary PG programmes and one M.Phil programme as given below,</p> <ol style="list-style-type: none"> 1. M.Sc Environment Science and Management 2. M.Sc Environment Science and Disaster Management 3. M.Phil Environment Management <p>Apart from this, the School also offers a Post graduate diploma in Remote Sensing and GIS (This is offered for UG/PG students from all science disciplines from other institution also).</p> <p>The School also have faculties with expertise from various subjects. One Professor in Chemistry, one Associate Professor in Environmental Biotechnology and two Assistant Professors in Environmental Science. Guest faculties are also from different disciplines like environmental economics, microbiology, environmental law, and statistics.</p>
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	Nil
7.	Details of programmes discontinued, if any, with reasons	:	Nil



8.	Examination System Annual/Semester/Trimester/Choice Based Credit System	:	Semester (Choice Based Credit System)			
9.	Participation of the department in the courses offered by other departments	:	Two Open courses (4 credits)			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)	:		Sanctioned	Filled	Actual (including CAS & MPS)
			Professor	1	1	-
			Associate Professors	2	1	-
			Asst. Professors	2	2	-
			Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 6 Years
Dr. C.T. Aravindakumar	M.Sc., Ph.D.	Professor	Environment Chemistry	23	Ph.D: 8 M.Phil: 6
Dr. E.V. Ramasamy	M.Tech., Ph.D.	Associate Professor	Environment Biotechnology	16	Ph.D: 5 M.Phil: 10
Dr. Mahesh Mohan	M.Sc., Ph.D.	Assistant Professor	Environment Science	6½	M.Phil: 7
Dr. Sylas V.P.	M.Sc., Ph.D.	Assistant Professor	Environment Science	5½	M.Phil: 9

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Sl.No	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Prof.(Dr.) A.P. Thomas	Visiting Fellow	Environmental Biology
2.	Dr. TV MuraleeVallabhan	Visiting Fellow	Environmental Economics
3.	Dr. Ramesh B Nair	Visiting Fellow	Statistics
4.	Mr.Somanathan	Visiting Fellow	Environmental Law

13. Percentage of classes taken by temporary faculty – programme-wise information:

Programme	(2010 to 16)
M.Sc Environment Science and Management	37 %
M.Sc Environment Science and Disaster Management	30%
M.Phil Environment Management	20%

14. Programme-wise Student Teacher Ratio:

Programme	Student Teacher Ratio
M.Sc Environment Science and Management	3:1
M.Sc Environment Science and Disaster Management	3:1
M.Phil Environment Management	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Support staff	Sanctioned	Filled & Actual
Technical	2	2
Administrative	5	5



16. Research thrust areas as recognized by major funding agencies:

- Emerging Contaminants
- Environmental Pollution
- Climate change
- Bioremediation
- Wetland ecology
- Solid waste management and anaerobic wastewater treatment
- Polar Environment Research
- Biodiversity and vegetation analysis
- Microbial and phyto-bioremediation
- Disaster Management
- Hydrogeology and river basin analysis
- Environmental stress
- Remote sensing and GIS application
- Ethnobotany, Ethnoecology and tribal studies
- Advanced oxidation processes
- Radiation studies
- Sediment geochemistry

17. Number of faculty with ongoing projects from a) National b) international funding agencies and c) Total grants received.

a) National

Sl. No.	Project Title	Period	Funding agencies	Total Fund in lakhs (₹)
1.	National Vegetation Carbon Pool – Kerala Region	2011-2013	ISRO	4.5
2.	Mercury geochemistry in agricultural wetland ecosystem	2012-2015	DST-SERB	25.87
3.	Mercury pollution in the sediments of Vembanad Wetland: a chronological approach	2012-2016	UGC	2.85
4.	Chemical transformation and bioaccumulation of Mercury in the Vembanad wetland ecosystem	2008-2012	MoES	65
5.	Accumulation of Mercury and Cadmium in Benthic Food Web of Cochin Estuary - a Stable Isotope Approach	2012-2015	KSCSTE, Govt. of Kerala	10.85
6.	Minor Project :Impact of Climate Change on the Mercury Geochemistry in a Tropical Wetland Ecosystem	2012	DoECC, Govt. of Kerala	0.38
7.	Minor Project :Geochemistry of selected heavy metals in Kuttanad agricultural wetland ecosystem	2013	DoECC, Govt. of Kerala	0.58

8.	Evolution of Karamana river basin and its implications on hydrogeology: A geomatics approach using morphometric analysis	2013-2016	KSCSTE-BTL, Govt. of Kerala	15.96
9.	Perchlorate contamination of drinking water resources in Kerala	2016-2019	KSCSTE, Govt. of Kerala	22.5
10.	Pulse radiolysis of biomolecules	2010-2012	Indo-French ARCUS Project	25
11.	Radiation and photochemical studies of chitosan modified polycyclicaromatic hydrocarbons (Environmental Pollutants)	2009-2012	BRNS	15
12.	Sonochemical degradation of organic water pollutants	2012-2015	KSCSTE	14.2
13.	An investigation on the potential microalgal species for the production of biodiesel from Kuttanad wetland ecosystem, Kerala.	2012-2015	UGC	5.49
14.	Nationwide Environmental Gamma Radiation Monitoring Using TLDs	2014-2016	BRNS	10
15.	Phytoremediation of Wastewater Contaminated With Heavy Metals using Constructed Wetlands and Nutrient Film Technique (NFT)	2012	DOECC, Govt. of Kerala	0.5
16.	Household consumption pattern of selected resources in Ernakulam and Kottayam districts - A comparative assessment	2012	DOECC, Govt. of Kerala	0.35
17.	Recovery of Energy and Manure from solid waste : a step towards mitigation of Climate Change	2012	DOECC, Govt. of Kerala	0.6
18.	Carbon sequestration potential of selected Earthworm species	2013	DOECC, Govt. of Kerala	0.6
19.	Estimation of Greenhouse Gas Emission from Wetlands and Paddy fields	2013	DOECC, Govt. of Kerala	0.6
20.	Greenhouse Gas Emission from septic tanks : a preliminary assessment	2013	DOECC, Govt. of Kerala	0.6
21.	Enzymatic saccharification of water hyacinth for the production of Bioethanol: An utilization approach for the control	2013	DOECC, Govt. of Kerala	0.6
22.	Rhizosphere remediation of agro pollutants; An investigation from Kuttanad wetland ecosystem, Kerala	2013	DOECC, Govt. of Kerala	0.6



23.	Mercury Geochemistry in the Sediments of Kongsfjorden, Ny-Alesund, Arctic	2013-2015	ESSO-NCAOR, MoES	Logistic support
	Total grants received			₹222.63 Lakhs

b) **International:** Nil

c) **Total grants received :** ₹ 222.63 Lakhs

18. Inter-institutional collaborative projects and associated grants received

a) **National collaboration**

Sl. No.	Project	Agency	Duration	Total Fund in Lakhs (₹)
1.	National Vegetation Carbon Pool – Kerala Region	IIRS, ISRO	2011-2013	4.5
2	Nationwide Environmental Gamma Radiation Monitoring Using TLDs (A National Mission programme)	BRNS	2014-2016	10
3	Investigation of the spatial distribution of uranium and associated water quality parameters in five central districts of Kerala	BRNS	2015 onwards	22.92
4	Long - Term Monitoring of Kongsfjorden System of Arctic region for climate change studies	ESSO-NCAOR, MoES	2015-2016	Logistic support
5	Long Term Environmental Monitoring of Fjord Ecosystems, Ny-Ålesund (Arctic)	ESSO-NCAOR, MoES	2016-2017	Logistic support
	Total grant received			37.42

b) **International collaboration**

Sl. No	Project Title	Period	Funding agencies	Total Fund in lakhs (₹)
	Development of Self contained, PV powered domestic toilet and waste water treatment system.	2014-2015	California Institute of Technology, USA	11.40
	Microbial Fuel Cells	2014	University of West of England (UWE), Bristol, UK	Nil.
	An Interdisciplinary and Community Oriented Innovative Approach Towards Sustainable Development	2012-2015	UGC / Obama-Singh 21 st century knowledge initiative/ with Brown University, Duke University and Plymouth State University	62.50
	Pulse radiolysis of biomolecules	2010-2012	Indo-French ARCUS Project	25.00
	Total Grant			98.9

Total grants received: ₹ 136.32 Lakhs

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;

Sl. No.	Title of the project	Funding Agency	Duration	Grant Received in Lakhs (₹)
1.	To strengthen the post-graduate teaching and research facilities in the Environmental Chemistry area	DST	2012-2017	85.00
2.	Investigation of the intermediates and final products of chemical and biological treatment of contaminated water and solid wastes	KSCSTE-SARD, Govt. of Kerala	2012-2014	29.00
3.	Infrastructure development for science departments	DST-PURSE	2012-16	225.00
4.	Infrastructure development	DoECC	2012	5.00

Total grants received: ₹ 334 Lakhs



20. Research facility / centre with National recognition

- o State Recognition : Yes,
 - Kerala State Pollution Control Board.
- o National Recognition : Yes
 - Nationally recognised institution for the monitoring of gamma radiation, Vegetation Carbon pool and Sediment Geochemistry analysis of Arctic ecosystem by the Indian Arctic expedition programme. The School also recognised by the DST - FIST, DST PURSE programme.
- o International recognition: Yes
 - CALTECH, USA entrusted the School of Environmental Sciences for conducting the field trial on the “Self-contained, PV powered domestic toilet and waste water treatment system”. One year field trial by operating and managing the system within MGU campus was completed successfully.
 - UGC / Obama programme

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	151
2.	Monographs	Nil
3.	Conference Proceedings	193
4.	Chapters in Books	4
5.	Edited Books	0
6.	Books authored with ISBN	1
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	0
9.	Total	349



Number listed in International Database (For e.g. Web of Science, Scopus, Cross-Ref, SCIMAGO, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- Citation Index – range / average:
- SNIP : Average : 1.215
- SJR : 0.885
- Impact Factor –average : 2.655
- h-index : 6-19

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated:

Environmental Pollution analysis for agencies, institutes, R&D departments, and Students

Income generated: ₹ 5.62 Lakhs

25. Faculty selected nationally / internationally to visit other laboratories / institutions Industries in India and abroad

Sl. No.	Name of the faculty	Details
1	Dr. C.T. Aravindakumar	1. University of Paris (S) / Pulse radiolysis, 2011 & 2012 2. Norwegian University of Science and Technology, Trondheim, Norway / Membrane Science, 2012 3. University of Paris (East, MIV) 2013 & 2015 / Advanced oxidation Process 4. Technical University of Denmark, Denmark 2015 / Membrane science 5. Hanoi University of Science & Technology, Vietnam, 2013/ Water purification technology 6. King Mongkut's University of Technology Thonburi, Thailand, .2012 / Water purification 7. University of Copenhagen 2015 / Mass spectrometry 8. Duke University, USA, 2014 (membrane fuel cells) 9. Brown University, USA 2014 (Water harvesting) 10. Plymouth State University, 2014 (Environmental monitoring) 11. BARC, Mumbai 12. NEERI, Nagpur 1. National Centre for Antarctic and Ocean research, Goa 13. BITS-PILANI, Goa 14. National Centre for Free Radical Research, Pune



2	Dr. E.V. Ramasamy	1. Pondicherry University 2. Gandhigram Rural Institute
3	Dr. Mahesh Mohan	1. Marine lab; Arctic Expedition team / Polar research 2. National Centre for Antarctic and Ocean research, Goa 3. Indian Institute of Geomagnetism, Mumbai 4. NIO, Mumbai 5. NCESS, Trivandrum
4	Dr. Syllas V.P.	1. Brown University, USA / Ecology

26. Faculty serving in

a) National committees

Sl. No.	Name of the faculty	Committee
1.	Dr. C.T. Aravindakumar	1. Expert Panel of the Water Technology Initiative (WTI) of the Department of Science & Technology, Govt. of India-2015-2019 2. Antarctic Selection Committee – 2016 3. Arctic selection committee – 2015 4. Group leader in Environmental Science, Polar science policy deduction for Ministry of Earth Science, 2016

b) International committees

Sl. No.	Name of the faculty	Committee
1.	Dr. C.T. Aravindakumar	1. Oslo Governance Forum (UNDP 2012), Norway

c) Editorial Boards

Sl. No.	Name of the faculty	Journal
1.	Dr. C.T. Aravindakumar	International Journal of Chemistry (ISSN: 2249-2119)

d) any other

Sl. No.	Name of the faculty	Committee
1.	Dr. C.T. Aravindakumar	• Governing Council and Executive Committee of Institute of Climate Change, Govt of Kerala
2.	Dr. E.V. Ramasamy	• Member, Technical Committee, Suchithwa Mission, Government of Kerala
3.	Mahesh Mohan	• Question paper setter by the Kerala State Public Service Commission, Govt. Of Kerala, Thiruvananthapuram.
4.	Dr. V. P. Syllas	• Question paper setters by the Kerala State Public Service Commission, Govt. Of Kerala, Thiruvananthapuram.



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Refresher / orientation programs, workshops

Name of the Faculty.	Programme	Institute	Duration	
Dr. Mahesh Mohan	Orientation Programme – IT oriented	University of Kerala, Thiruvananthapuram	03.10.2013 to 30.10.2013	UGC
	Refresher course	University of Kerala, Thiruvananthapuram	09.01.2015 to 29.01.2015	UGC
	Training on biological diversity act 2002	IFGTB, Coimbatore	17-19 February, 2016	Indian Biodiversity Board
	Two day Hands on workshop on plant DNA barcoding	CMS college, Kottayam	13-14 December 2011	CMS college
	One day workshop on NAAC accreditation process	Mahatma Gandhi University, Kottayam	12 th April 2016	Mahatma Gandhi University
Dr. Sylas V.P.	Refresher Course - Environmental Science	University of Kerala, Thiruvananthapuram	09.01.2015 to 29.01.2015	UGC, New Delhi
	BIARI – 2013 (Brown International Advanced Research Institute)	Brown University, USA	June, 2013	Brown University, USA
	Faculty Development Programme	Indian Institute of Technology, Madras	4 to 6 th August 2014	Indian Institute of Technology, Madras
	Induction Training Programme	FLAIR, Govt. of Kerala, Thiruvananthapuram	28.10.2013 to 01.11.2013	FLAIR, Govt. of Kerala, Thiruvananthapuram
	One day workshop on NAAC accreditation process	Mahatma Gandhi University, Kottayam	12 th April 2016	Mahatma Gandhi University
US-India Brain storming Discussion Meeting on Faculty Development on	Mahatma Gandhi University, Kottayam, Kerala	January 06, 2014	Mahatma Gandhi University	



Other Recharging Activities of teachers

Symposia/Conferences Attended (Plenary/Invited talk/paper presentation) ()

Abroad:

Prof.C.T.Aravindakumar	<ol style="list-style-type: none">1. VIII EPOA-Meeting of Environmental Applications of Advanced Oxidation Processes: II CIPOA- Iberoamerican Congress of Advanced Oxidation Processes, Nov.3-6, 2015, Belo Horizonte, Brazil2. International Conference on Advances in Applied Sciences and Environmental Technology, ASET, 21-22 Feb.2015, Bangkok, Thailand3. International Conference on Advances in Environmental and Bio-Technology – (AEBT- 2014) , 04-05 January, 2015, Bangkok, Thailand4. International Conference on Advances in Environmental and Bio-Technology – (AEBT- 2014) , 04-05 January, 2014, Bangkok, Thailand5. 2nd International Conference on Environmental Pollution, Restoration and Management, Vietnam, March, 20136. 19th International Conference on Mass Spectrometry, Sept.15-21, 2012, Kyoto, Japan7. AOP6 Oxidation Technologies for Water & Waste water treatment; May 7-9. 2012, Goslar, Germany8. International Research Conference on Economics, Social Science and Environmental Issues, March 6-7, 2012, Bangkok, Thailand9. Oslo Governance Forum (UNDP conference), Oct.3-5, 2011, Oslo, Norway
Prof.C.T.Aravindakumar (national level)	<ol style="list-style-type: none">1. International Conference on Frontiers of Mass Spectrometry, Dec.11-14, 2015, Kottayam, Kerala2. International Conference on Water: From Pollution to Purification, Jan. 23 – 26, 2015, Kottayam, Kerala3. International Conference on Advanced Oxidation Processes, Sept.25-28, 2014, Munnar, Kerala4. National Symposium on Environment (NSE – 19), Dec 11-13, 2014, Kottayam5. International Conference on Membranes, Oct.3-6, 2013, Kottayam, Kerala6. Indo-Mexican Workshop on Water and Wastewater use and Management Nagpur, India, July 25-26, 20137. International Conference on Advanced Oxidation Processes, Oct.5-8, 2012, Kottayam8. International Conference on Membranes; Biological and Environmental Applications, Sept.16-19, 2011, Kottayam

Symposia/Conferences Attended (Plenary/Invited talk/paper presentation)

In India:

Dr.E.V.Ramasamy, Associate Professor

Sl. No.	Title of Conference/ Seminar etc.	National / International	No. of lectures/ presentations/ Chairman of a Session
1	First National Biodiversity Congress (NBC-2012). 27-30 December 2012.	National conference Organised by Kerala State Biodiversity Board , Thiruvananthapuram	Invited lecture 1
2	National seminar on Municipal Solid Waste Management – Issues and Prospects, 2-3 March 2012.	National seminar Organised by Mar Athanasius College, Kothamangalam, Kerala.	Invited lecture 1
3	National seminar on Green chemistry-The ultimate tool for pollution control. 14-15 February 2012	National seminar Organised by Assumption College, Changanacherry.	Invited lecture 1
4	UGC-ASC University of Calicut ,(2014)	Refresher Course in Environmental studies	Invited lecture 2
5	UGC-ASC , Bharathiar University, (2014) Coimbatore	Refresher Course in Environmental studies	Invited lecture 2
6	Panel Discussion at the Social Enclave 2013 , IIM, Kozhikode , February 17, 2013.	Regional meet,organised by Indian Institute of Management (IIM), Kozhikode.	Invited lecture 1
7.	Second International Conference on Advanced Oxidation Processes(AOP - 2012). October 5-8, 2012	International Organized by SECAS, IUIC, SES – MG University, Kottayam.	Chaired a Technical session
8.	National Conference on Biodiversity: richness, issues threats & conservation. Gandhigram Rural Institute, Gandhigram. January 19-21, 2011.	National Organised by Gandhigram Rural Institute, Gandhigram. Dindigul , Tamil Nadu	Invited lecture 1
9.	UGC National seminar on Indian Environmental Issues : Lessons from History, November 25-26, 2013.	National Organised by St.Teresa’s College, Ernakulam	Invited lecture 1
10.	UGC National Seminar on Food, Environment & Medical Toxicology, The Cochin College, Cochin. September 29-30, 2014	National Organised by: The Cochin College, Cochin. September 29-30, 2014	Invited lecture 1
11.	State Seminar on Environment management, BCM College , Kottayam.. July 24-26, 2014	State level seminar Organised by: BCM College ,Kottayam.	Invited lecture 1
12.	National Science day celebrations organised by MET’s School of Engineering , Mala, Thrissur Dt., on February 26, 2016.	State level Organised by: MET’s School of Engineering , Mala, Thrissur Dt.,	Invited lecture



Dr. Mahesh Mohan, Assistant Professor

Sl. No.	Title of Lecture/Academic Session	Title of the Conference/Seminar/Event	Organized by	Class/Talk or Chair
1	Global environmental Pollutants- Status and significance	Refresher Course in Environmental studies	UGC-ASC University of Kannur,(2015)	Invited Talk
2	Global environmental Pollutants- Status and significance	Refresher Course in Environmental studies	UGC-ASC University of Kannur,(2015)	Invited Talk
3.	Global Environmental Pollutants- India's Contributions	Environment Day Lecture, June 10, 2016	St. Johns College, Anchal Kerala	Invited Talk
4	Arctic Expedition	Invited talk at as part of Environment Day Celebrations June 30, 2016	St. Peters College, Kolenchery	Invited Talk
5	Arctic Environmental Research - India's contributions	Science day Lecture	DB college, Thalayolaparambu, February 24, 2016	Invited talk
6	Persistent Bioaccumulative and toxic pollutants	Department Day lecture	BCM college, Kottayam, 2013	Invited Talk
7	Global environmental Pollutants- Status, significance and actions	National seminar on Environment Management	BCM college, Kottayam, 25.07.2014	Invited talk

Dr. Sylas V.P., Assistant Professor

Sl. No.	Title of Lecture/Academic Session	Title of the Conference/Seminar/Event	Organized by	Class/Talk or Chair
1	Wetlands as Sustainable Livelihood Source	UGC sponsored National Seminar on Environmental Conservation for Sustainable Living.	Deva Matha Collge, Kuravilangad, Kottayam	Invited Talk
2	Conservation of the Environment	Regional Seminar on Challenges to Sustainable Development and Environmental Protection	SreeNarayana Gurukulam Engineering College, Kolenchery, Eranakulam	Invited Talk



3.	Vembanad Lake –an endangered wetland ecosystem of Kerala	UGC sponsored National Seminar on Wetland Conservation – Multidisciplinary approach	St. Joseph College, Alappuzha, Kerala	Invited Talk
4	Water Resources of Kerala	National Seminar on Water Resources	St. Johns College, Anchal, Kerala	Invited Talk
5	Wetlands are not wastelands	UGC Sponsored National Seminar – Phytoedu fest 2012	Assumption College, Changanasserry, Kerala	Invited talk

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	60-80 %
Percentage of students doing projects in collaboration with other universities / industry / institute	20-40 %

29. Awards / recognitions received at the national and international level by
 • **Faculty**

Name of the faculty	Details
Dr. C.T. Aravindakumar	<ol style="list-style-type: none"> 1. Visiting Professor at the University of Paris-East with full professor status, 2015 2. an invited member of the Oslo Governance Forum (OGF), Oslo (UNDP) 2011 3. Visiting Professor (with full Professor status) at the University of Paris-East (Department of Geology and Environment) 2013 4. Governing Council member and Executive Committee member of the Kerala State Institute of Climate Change Studies-2014 5. Team Leader in Environmental Science to formulate the research policy of the Ministry of Earth Science in India’s Polar Research (Arctic/Antarctic/Southern Ocean/Himalaya) for the next 10 years. The Brainstorming Meeting on Polar Sciences and Global Water Cycle was held at the National Center for Antarctic and Ocean Research (NCAOR), Goa during April 13-14, 2016. 6. Invited as an expert for identifying research proposals for the India’s 36th Antarctic Expedition 2016. The workshop was held during June 9-10, 2016 7. nominated to the Expert Panel of the Water Technology Initiative (WTI) of the Department of Science & Technology, Govt. of India 2015
Dr. E.V. Ramasamy	<ol style="list-style-type: none"> 1. Member of the State Waste Management Policy Committee by the Local Self Government Department, Govt. of Kerala (November 14, 2012)



	<ol style="list-style-type: none">2. Nominated as a member of the Technical Committee of Suchitwa Mission , Local Self Government Department, Govt. of Kerala , attended several meetings of the committee during 2014-153. Special Board of Studies in Pollution Control and Environmental Engineering of Pondicherry University (October 26, 20124. Participated in the selection committee meeting of the CWRDM (Centre for Water Resources Development and Management) ,Kozhikode as a subject expert in the interview board for the selection of Scientist-B during July 02- 03, 2015.5. Participated as the member of Board of Studies for the theB.Voc. Programme on Environmental Assessment and Remediation on Monday the 14th September, 2015, at Virudhunagar Hindu Nadars'; SenthikumaraNadar College, (Autonomous), Virudhunagar, Tamil Nadu.6. Participated in the Technical Committee meeting for evaluating the technical presentations of the organisations who have short listed for New Technologies on 28.11.2015 at 10.30 A.M onwards at the Office of State Institute of Health and Family Welfare, Thycaud, Thiruvananthapuram, organised by Suchitwa Mission, Local Self Governance Department (LSGD), Govt. of Kerala
Dr. Mahesh Mohan	<ol style="list-style-type: none">1. DST-SERB Fast Track Project for Young scientist2. Participated in Indian Arctic Expedition 2013-143. Participated in Indian Arctic Expedition 2014-154. Resource Person for Refresher Course in Environmental Sciences at UGC Academic Staff College, Kannur University, Kerala. 20155. Resource Person for Refresher Course in Environmental Sciences at UGC Academic Staff College, Kannur University, Kerala. 20146. The team leader selected for the Indian Arctic Expedition (July, 2015)
Dr. Syllas V.P	<ol style="list-style-type: none">1. Brown International Advanced Research Institute (BIARI) – 2013 (June 06 – 24), Brown University, USA with full support.2. Member for the preparation of “Training module for Climate change; for LSGs of Kerala by the Kerala State Institute of Climate Change Studies-2015.3. invited to deliver a Radio talk on Kuttanad wetland ecosystem by All India Radio (AIR), Thiruvananthapuram Station



• **Doctoral / post doctoral fellows**

Name of the Doctoral fellows	Details
Sruthy S	1. Dr. Satheesh Memorial Young Scientist Award for best paper presentation in 11 th Kerala Environment Congress (KEC-2015), 6 th to 8 th may 2015 organized by Centre for Environment and Development, Kottayam, Kerala
Daniya M. Thomas	1. selected to Brown International Research Institute (BIARI), Brown University, USA – 2013 with full support
G. Akhil	1. Best Paper Awards in the International Conference on Water: From Pollution to Purification, Jan.23-26, Kottayam 2. Best Paper Awards in the 26 th Kerala Science congress, January, Wayanad, 2014. 3. Best Paper Awards in 5th Asian Conference on Colloid and Interface Science, Darjeeling, November, 2013.
P. R. Manoj	1. Best Paper Awards in the third International Conference on Advanced Oxidation Processes, Sept.25-28, Munnar 2. Best Paper Awards in the International Conference on frontiers of mass spectrometry (ICMS 2013), Sep.6-9, Kottayam, 2013
Jisha C	1. Best Paper Awards in the International conference on Nano - biomaterials, Kottayam, 2014.
Shibin N. B	1. Best Paper Awards in the National Symposium on Radiation and Photochemistry (NSRP-2013), North Eastern Hill University, Shillong, March 20-22, 2013
Shoniya Thomas	1. Best Paper Awards in the National symposium on radiation and photochemistry, NSRP-2013, Shillong, March 20-22, 2013 2. Best Paper Awards in the International Conference on Advanced Oxidation Processes, Oct.5-8, Kottayam, 2012.
T.V. Divyalakshmi	1. Best Paper Awards in the second international conference on membranes, Kottayam, October 4-6, 2013 2. Best Paper Awards in the Proc.-International conference on membranes: Environmental and biological applications, Sept.16-19, 2011
Nikhil Chandra	1. Best Paper Awards in the National Seminar (NSNano 2013), SN College, Kollam 2. Best Paper Awards in the National Seminar on Green Chemistry-The Ultimate tool for pollution control Changanasserry, February 14-15, 2012
Siju Abraham	1. Best Paper Awards in National seminar on green chemistry-The ultimate tool for pollution control, Changanacherry, February 14-15, 2012. 2. Best Paper Awards in the National seminar on sustainable development: Recent trends in meeting the challenges (NSSD-2012), Kottayam, January 20-21, 2012.
M. M. Sunil Paul	1. Best Paper Awards in the Trombay Symposium on Radiation and Photochemistry, January 5-8, Mumbai, , 2012.



• **Students who participated in Indian Arctic Expedition**

Name of the students	Details
1. Mr.Gopikrishnan VG (2014-15, 2015-16) 2. Mr.Shukur Abdul M. (2015-16) 3. Mr.Binish MB (2015-16, 2016-17) 4. Mr.Kannan VM (2015-16, 2016-17) 5. Mr. John Richard Thomas (2015-16) 6. Mr.Joice K. Joseph (2016-17) 7. Mr.ArunBabu V (2016-17)	The students were selected and participated in Arctic expedition. Mr. Gopikrishna VG, Mr. Binish MB and Mr. Kannan VM are doing their Doctoral research on Arctic environment

30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

Sl. No.	Name of the Seminars/ Conferences/Workshops	Funding source	Outstanding participants
1.	LAKE-2012, National Conference on Conservation and Management of Wetland Ecosystems conducted at School of Environmental Sciences, MG University, Kottayam during November 6-8, 2012.	DST, KSCSTE, MG University, Kerala state Biodiversity Board	<ul style="list-style-type: none"> • Dr.T.V.Ramachandra, Indian Institute of Science, Bangalore; • Dr. SubashChandran, Indian Institute of Science, Bangalore; • DrLigi Philip, Indian Institute of Technology, Madras , • Dr.V.N.Rajasekaran Pillai, Executive Vice-President, KSCSTE, Thiruvananthapuram
2.	National Seminar on Sustainable Development, conducted at School of Environmental Sciences, MG University, Kottayam 2012	MG University	<ul style="list-style-type: none"> • Dr.T.V.Ramachandra, Indian Institute of Science, Bangalore • Dr. Shibu K. Mani , Tata Institute of Social Science , Mumbai • Dr. Sulthan AhmedIsmail , EcoScience, Chennai
3.	International conference on Advanced Oxidation Processes (AOP2012) Oct.5-8, 2012, Kottayam	BRNS, KSCSTE, DRDO, ISRO	<ul style="list-style-type: none"> • Adriana Zaleska, Gdansk University of Technology, Poland • BahnemanDetlef, Gottfried Wilhelm Leibniz Universitaet Hannover, GERMANY • Chantal Houee Levin, LCP, OrsayCedex • Choi Wonyong, Pohang University of Science and Technology (POSTECH),



	<p>South Korea</p> <ul style="list-style-type: none"> • Christophe Colbeau-Justin, Université Paris-Sud, France • Constapel Marc, University of Wuppertal, Dept. Math. & Nat. Sci. Analyt. Chem., Germany • Cooper William J., Urban Water Research Center, University of California, Irvine, USA • Esplugas Santiago, University of Barcelona, MartiiFranques, Spain • Hyun-Ha Kim, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan • RemitaHynd, Universitaire Paris-Sud, France • TrojanowiczMarek, Warsaw University, Poland • Saha A., UGC-DAE Consortium for Scientific Research, Kolkata, India • Gomathi Devi L., Bangalore University, Karnataka • Halan Prakash, BITS-Pilani, Goa • Naik D.B., BAARC, Mumbai • Ramaraj R., Madurai Kamaraj University, Tamil Nadu, India • Satyajit Shukla, IIIST, Thiruvananthapuram 		
4.	<p>National Conference heavy Metals in the Environment' during November 28-29, 2013, School of Environmental Sciences, MGU</p>	<p>DoECC, MG University</p>	<ul style="list-style-type: none"> • Dr. MNV Prasad, Hyderabad University • Dr. Nandita Singh, NBGRI, Lucknow • Dr. Dinesh Mohan, JNU • Dr. V.Subramaniyan, JNU
5.	<p>International Conference on Frontiers of Mass Spectrometry- ICMS 2013 (September 6-9, 2013)</p>	<p>BRNS, ISRO, DRDO, DST</p>	<ul style="list-style-type: none"> • R. Srinivas, National Center for Mass Spectrometry, Hyderabad, India • Olivier Laprevote, Paris Descartes University, France • S. K. Raza, Institute of Pesticide Formulation Technology, India • GopalVaidyanathan, Waters India Pvt. Ltd., India • VenkateswarluPanchagnula, National Chemical Laboratory (CSIR – NCL), Pune • Mahesh J. Kulkarni, National Chemical Laboratory, Pune • Kenataro Yamaguchi, Tokushima Bunri University, Japan • S. K. Aggarwal, Bhabha Atomic Research Center, Mumbai, India • RamaswamyBabuRajendran, BharathidasanUniveristy, India • ShashinSha, BrukerDaltonics India Pvt. Ltd. • Suresh Kumar, SVNIT, Surat, India • S. K. Gupta, Bhabha Atomic Research Center, Mumbai, India • NagarjunaNagaraj, Max Planck Institute of Biochemistry, Germany • Abdul Jaleel, Rajiv Gandhi Center for Biotechnology, India • Mahesh Hariharan, IISER, Thiruvananthapuram • V. Nataraju, Bhabha Atomic Research Center, Mumbai, India • SangramPattanaik, Thermo Fisher Scientific India Pvt. Ltd. • JitendraKelkar, Shimadzu Analytical India Pvt. Ltd.



	<ul style="list-style-type: none"> • Ashok Kumar Malik, Panjab University, Patiala, India • P. G. Shah, Anand Agricultural University, Gujarat, India • S. Prabhakar, National Center for Mass Spectrometry, Hyderabad, India • VivekDhyani, Agilent Technologies, India 		
6.	Nineteenth National Symposium on Environment (NSE-19) , December 11-13, 2014 at School of Environmental Sciences, MG University	BRNS, KSCSTE	<ul style="list-style-type: none"> • Dr. SR Wate, NEERI • Dr. PM Ravi, HPD, BARC, Mumbai • Dr. SP Kale, BARC • Dr. Mukesh Sharma, IIT, Kanpur • Dr. GG Pandit, BARC • Dr. DN Singh, IIT Mumbai
7.	International Conference on Advanced Oxidation Processes (AOP 2014), September 25-28, 2014 Munnar,	DST, BRNS, DRDO, ISRO	<ul style="list-style-type: none"> • Michael R. Hoffmann, California Institute of Technology, USA • L. Gomathi Devi, Bangalore University, India • Mehmet A. Oturan, Universite Paris-Est, Marne-la-Vallee, France • Collin G. Joseph, Universiti Malaysia Sabah, Malaysia • Anju Chadha, IIT, Madras, India • Halan Prakash, BITS Pilani, Goa, India • Sathyajit Shukla, CSIR-NIIST, Thiruvananthapuram, India • D. Fatta-Kassinou, University of Cyprus • Sushil Kumar Kansal, Dr. S. S. Bhatnagar University Institute of Chemical Engineering and Technology, Punjab, India • K. Indira Priyadarsini, Bhabha Atomic Research Center, Mumbai, India • Minjoong Yoon, Chungnam National University, Daejeon, South Korea • Renato FalcaoDantas, University of Campinas, Limeira SP, Brazil • Christophe Colbeau-Justin, CNRS-Universite Paris-Sud, Orsay, France • D. B. Naik, Bhabha Atomic Research Center, Mumbai, India • UrskaLavrencicStangar, University of Nova Gorica, Slovenia • Randolph P. Thummel, University of Houston, USA • Stephan Brosillon, Universite Montpellier 2, France • Vincent Goetz, Rambla de la Thermodynamique, Perpignan, France • ConchiAnia, InstitutoNacional del Carbon, Spain • Vasundhara Singh, PEC University of Technology, Chandigarh, India • Isabel OllerAlberola, Plataforma Solar de Almeria-CIEMAT, Spain • Amrit Pal Toor, Punjab University, Chandigarh, India • N. R. Shiju, University of Amsterdam, The Netherlands • S. V. Sreenivasan, Center Leather Research Institute, Adyar, India



8.	International Conference on Frontiers of Mass spectrometry, December 11-14, 2015. Kottayam	DST	
<ul style="list-style-type: none"> • Marc J-F Suter, Eawag, Switzerland • Michael W. Linscheid, Humboldt-Universitaetzu Berlin, Germany • AthulaAttygalle, Stevens Institute of Technology, USA • EvgenyNikolaev, Physics Russian Academy of Sciences, Russia • AchilleCappiello, Università di Urbino, Italia • Olivier Laprevote, Paris Descartes University, France • R. Srinivas, National Centre for Mass Spectrometry, CSIR-IICT, Hyderabad, India • Abdul Jaleel, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Kerala • VenkateswarluPanchagnula, National Chemical Laboratory (CSIR – NCL), Pune • Keshava Prasad, Institute of Bioinformatics, Bangalore, India • Suman S. Thakur, CSIR- Centre for Cellular & Molecular Biology, Hyderabad, India • Laurent Debrauwer, INRA, TOXALIM, Toulouse, France • Bhaswati Chatterjee, NIPER, Hyderabad, India • M. Joseph, IGCAR, Kalpakkam, Tamilnadu, India • Pierangela Palma, University of Urbino, Italy • George Mathai, Sacred Heart College, Thevara, Kochi, India • Igor Popov, Moscow Institute of Physics and Technology, Russia • Amit Kumar Mandal, St. Johns Research Institute, Bangalore, India 			
9.	OSI workshop on “Membrane technology” in collaboration with Duke University, August 2015	UGC	<ul style="list-style-type: none"> • Andreas Kaiser, Technical University of Denmark • Pushpito Ghosh, CSMCRI, Gujrat • Yoram Oren, Bengurion University, Israel

31. Code of ethics for research followed by the departments:

Plagiarism is being assessed before thesis submission. Ethical guidelines of the University is being strictly followed (e.g. Animal Ethical Committee for all kind of research related to living organisms).The software used by the students and faculty members for research and educational purposes are of licensed version (original). The School has a division of Remote Sensing and GIS and all the software used by the division are procured from the authorised agencies and the remote sensing data are given by the Department of Space, ISRO, Govt. of India.



32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.	59 (Yr.2010)	3	17	100	100
	96 (Yr. 2011)	7	13	100	100
	126 (Yr. 2012)	6	14	100	100
	238 (Yr.2013)	2	18	100	100
	358 (Yr. 2014)	8	12	100	100
	376 (Yr.2015)	5	14	80%	100
	336 (Yr.2016)	5	12	100	100
M.Phil	75(2010-11)	1	7	100	100
	56(2011-12)	2	6	100	100
	65 (2012-13)	1	7	100	100
	33 (2013-14)	1	7	100	100
	44 (2014-15)	1	7	100	100
	26 (2015-16)	4	4	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. (2013)	85	15		
M.Phil (2013)	88	12		
M.Sc (2014)	73	21	6	
M.Phil (2014)	87	13		
M.Sc (2015)	42	47	11	
M.Phil (2015)	87	13		



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise :

Sl. No	NET/ JRF Qualified	GATE	SET	Others
1.	8	0	0	Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	10
PG to Ph.D.	30
Ph.D. to Post-Doctoral	10
Employed	
<input type="checkbox"/> Campus selection	0
<input type="checkbox"/> Other than campus recruitment	40
Entrepreneurs	5

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50
from other universities within the State	0
from universities from other States from	50
universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library	Available, 5607 books
b) Internet facilities for staff and students	Available, 135 ports and 4 Wi-Fi systems



c) Total number of class rooms	7
d) Class rooms with ICT facility	Yes, 7
e) Students' laboratories	3
f) Research laboratories	11 Environmental chemistry Lab Environmental Biotechnology Lab Environmental Microbiology Lab Remote Sensing and GIS Lab Mass Spectrometric Lab Mercury Analytical Facility Instrumentation rooms – 3 GC-MS lab Metal analytical Lab

**39. List of doctoral, post-doctoral students and Research Associates (present students)
a) from the host institution/university**

Name of Guide	Name of Scholar	Post-doctoral
Dr. CT Aravidakumar	Jeeva M Philip	Nil
	Nejunal KK	
	John Richard Thomas	
Dr. EV Ramasamy	ArunBabu V	
	Toms Augustine	
	Sruthy S nair	
	Sajithkumar KJ	
	Sruthy S	
Dr. Mahesh Mohan	Rahul K	
	Binish MB	
	Gopikrishna VG	
	Neethu Joy	
	Krishna MP	
	Kannan VM	
Dr. Sylas VP	BaluBalachandran	
	Jerry Mecherry	
	Daniya M Thomas	
	RaisaKabeer	
Dr. AP Thomas	Praveenkumas CS	
	Deepthi G Nair	
	BabuPadmakumar	
	Sethulakshmi Bhai KC	
Dr. APPradeepkumar	Jaisen ND	
	LinuBabu	
	KarunakaranAkhilDev	
Dr. AA Mohamed Hatha	Jesmi Yousuf	



b) from other institutions/universities

Name of Guide	Name of Scholar	Post-doctoral
Dr. CT Aravidakumar	Manoj PR	Nil
Dr. EV Ramasamy	Mahalaxmi N	
	Divya Ashok	
Dr. Mahesh Mohan	ArunSasi S	
	Abdul Shukoor M	
	Sijimol MR	
	Phebe Joseph	
Dr. Sylas VP	Laigi Joseph	
	Neethu Cyril	
Dr. AP Thomas	Vijo Thomas Kurien	
	Poornima Baby	
	Cinnie Susan Antony	
Dr. V George	Lekshmi V Bose	
Dr.Manilal	Aneesh C	

40. Number of post graduate students getting financial assistance from the university.

Period 2010-16

- 2010 (6 students from Govt.) M Phil : (3 students from Govt.)
- 2011 (11 students from Govt.) M.Phil: (3 students from Govt) 2011
- 2012 (15 students from Govt.) M.Phil: (2 students from Govt) 2012
- M.Sc. (10 students from Govt.) M.Phil: (4 students from Govt) 2013
- M.Sc. (4), M.Phil (3) 2014
- M.Sc. (4), M.Phil (3); 2015

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

No new programme was started in the period under report.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes. The faculty council assesses the report periodically and rectify the shortcomings (If any).
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes. The faculty council discusses the evaluation report of the feedback from the students and rectify any shortcomings to the maximum possible extent



c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes. Feedback from alumni are regularly collected and due importance is given to their suggestions.
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43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position
1.	Mr. Sreekandan Nair	Former Director, DoECC, Government of Kerala
2.	Dr. PC Abhilash	Assistant Professor, BHU
3.	Dr. Shijo Joseph	Scientist E, KFRI
4.	Dr. Rakesh PS	Scientist, NIO, Mumbai
5.	Dr. B. Ajayakumar	Geologist, Department of Mining and Geology, Kerala
6.	Dr. Joshy George	Central Institute of Mining and Fuel Research, Dhanbad
7.	Dr. (Sr.) M.K Alphonsa	Principal, Morning Star College, Angamaly
8.	Dr. Suboj Babukkutty	Associate Professor, Mar Ivanios College, Thiruvananthapuram
9.	Mr. Kurien John	Former Principal, Marthoma College, Thiruvalla
10.	Dr. T.U Sukumaran	Paediatrician, Government Medical College(ICH), Kottayam

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Erudite / Scholar in residence programmes enrich the students with international level of knowledge mostly from eminent scholars and Nobel laureates.
- Spoken English coaching was provided to the PG/M.Phil/Ph.D students
- Five students were participated in Indian Arctic expedition during 2014-15 and 2015-16
- Special invited lectures by eminent scholars from within and outside the country were organised periodically.
- Special field trip/ study trips were organised for the students during the World Environment Day / World Water day, to provide an exposure to the students on social responsibility on cleaning the Environment.

45. List the teaching methods adopted by the faculty for different programmes.

- Field oriented study methods form the part of the curriculum of M.Sc and M.Phil programmes.
- Interactive class room with power point/video facilities
- Free MOOC program in collaboration with IIRS, ISRO, Hyderabad is given to the students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Faculty council periodically assess the

- a) Progress and output of research
- b) Percentage of students going for higher education as well as employment
- c) Evaluate the success of our extension activities

47. Highlight the participation of students and faculty in extension activities.

- Rainwater for humanity program
- Open house programme conducted for the school children to visit the school laboratories and ‘Jeevaka Live Laboratory’
- Energy conservation, water conservation studies by the M.Sc students
- Energy audit and solid waste audit as group project done for the campus by the PG students.
- Water quality testing for the public – this involves students and faculty members.

48. Give details of “beyond syllabus scholarly activities” of the department.

- CLENS: Club of Environment students. CLENS meet periodically to discuss about various Environmental Issues pertaining mainly to the campus. The efforts of this club (CLENS) has resulted in to the University Order to ban the use of Plastic Banners (FLEX) in the campus, as the first phase of banning the use of plastics in the campus.
- The Thursday club – as the name suggests – meets on every Thursdays of the week and short talks on any topic of their interest will be delivered by the members, this club was mainly to improve the communication skills (in English) of the students.
- SWAAD 2013, 2014 and 2015: A grand Food festival is being organised by the School every year in order to encourage the cooking habits among the students. Thrust is normally given to promote preparation of indigenous food items by the students and teachers. The food items will be evaluated by the expert team consisting chefs from star hotels, restaurants. The best three teams will be awarded



49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details :Yes

The national agencies accredited the School with various programmes

1. The School is a part of Indian Arctic expedition and Scientific Research of Earth System Science Organisation (ESSO)- National Centre for Antarctic and Ocean Research (NCAOR), MoES since 2013-14 expedition.
2. The School is a part of two National Programmes from BRNS, BARC such as (a) Nationwide Environmental Gamma Radiation Monitoring Using TLDs ; (b) Investigation of the special distribution of uranium and associated water quality parameters in five central districts of Kerala
3. The School is a part of National Vegetation Carbon Pool Assessment Programmes of IIRS, ISRO, Department of Space, Govt. of India
4. The School has been selected for the first UGC-Obama Singh 21st Century knowledge initiative Programme and thus Mahatma Gandhi University has become the first state university being awarded with this prestigious award.
5. CALTECH, USA entrusted the School of Environmental Sciences for conducting the field trial on the “Self-contained , PV powered domestic toilet and waste water treatment system”. One year field trial by operating and managing the system within MGU campus was completed successfully.
6. The School is also recognized by DST-FIST, DST-PURSE

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The school generates new knowledge in the field of basic and applied sciences. This involves identification (subsequent publication) of new flora / faunal species, technology development. All these are evident from our publications in Journals of basic and applied sciences.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- 1) State of the art research facilities
- 2) Mobilisation of external resources
- 3) Extension activities of social relevance
- 4) Consultancy and Department Development Fund
- 5) National and International Linkages/Collaborations

Weakness

- 1) Shortage of faculty members.
- 2) Lack of understanding of the interdisciplinary nature of the subject among public.
- 3) Low student diversity (other states/countries).
- 4) Lack of popularisation of the entrance examination conducted for PG admission
- 5) Lack of manpower for maintaining the sophisticated instrument facilities.

Opportunities

- 1) Diversified areas of research
- 2) Participation in meetings directing the law makers/policy makers
- 3) Catalyse eco-friendly/sustainable development
- 4) Promote environmental awareness and education
- 5) Support disaster management and related activities

Challenges

- 1) In developing cost effective eco-friendly technologies
- 2) To attract students towards the interdisciplinary subject
- 3) Taking up of extension and consultancy services with low manpower involvement
- 4) To strengthen the environmental awareness/education among Public
- 5) Up-keeping the instrumental facilities in working condition

52. Future plans of the department.

- a) To start an M.Tech. Programme in Environment Science and Technology
- b) To enhance the student strength in Masters and M.Phil programme along with the faculty strength
- c) To start an exclusive Centre for Wetland Research (Vembanad Environment Research Centre)
- d) To strengthen the analytical skill of the PG students through summer training programme on hands-on-experience in sophisticated analytical instruments
- e) To enhance and strengthen Polar Environment Research under the Polar expedition programmes of Government of India.
- f) To install a roof-top rainwater harvesting structure of capacity 69,000 litres at the school first of its kind in the MGU campus to overcome the water scarcity in summer months as well as to reuse the water in the analytical labs – especially in the water distillation units – in order to conserve this precious resource, again first of its kind perhaps in the state or even in the country.
- g) To initiate and strengthen Marine environmental research



SCHOOL OF GANDHIAN THOUGHT AND DEVELOPMENT STUDIES

1	Name of the Department	School of Gandhi an Thought & Development Studies			
2	Year of establishment	1983			
3	Is the Department part of a School/Faculty of the University?	Yes, Faculty of Social Sciences			
4	4. Names of programmes offered (UG, PG, M.Phil, Ph.D, Integrated Masters, Integrated Ph.D, D.Sc, D.Litt, etc).	M.A in Gandhian Studies, M.A In Development Studies M.Phil in Gandhian Studies M.Phil in Development Studies M.Phil in Social Work Ph.D. in Social Work/Development Studies/ Gandhian Studies			
5	Interdisciplinary Programmes and departments involved	The academic programmes of the school are highly inter disciplinary. Inter disciplinary research programme of the school signifies scholars from any social science discipline and are permitted to do research in the school subject to the University rules & regulations.			
6	Courses in collaboration with other universities, industries, foreign institutions etc	Nil			
7	Details of programmes discontinued, if any, with reasons	Nil			
8	Examination System: Annual/Semester/Trimester/Choice Based Credit System :	Semester(Choice Based Credit System)			
9	Participation of the department in the courses offered by other departments	Our post graduate students are attending the open courses offered by the other schools of University and we are offering an open course on Fundamentals of Gandhian Thought where in students from, other schools of the University are permitted to attend.			
10.	Number of teaching posts sanctioned, filled and actual (Professors, Associate Professors/Asst.Professors/others		Sanctioned	Filled	Actual(including CAS&MPS)
		Professor	1	0	0
		Associate Professor	2	0	0
		Asst. Professors	5	4	4
		Others	0	0	0



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D./M.Phil. Students guided for the last 6 years
Dr.Roy C Mathew	M.A., Ph.D	Assistant Professor	Human Resource Management Development Studies	11	Ph.D-19 M.Phil- 18
Dr.Sandhya R.S	M.A ,Ph.D	“	Social Gerontology Gender Studies	10	Ph.D - 11 M.Phil- 18
Dr.C.R.Harilakshmeendra Kumar	M.A., Ph.D, Ph.D	“	Gandhian Studies, Rural Development, Field work, Yoga	8	Ph.D- 11 M Phil-18
Smt.Manjusha K A	M.A (History), B.Ed(CSS)	“	History, Tribal Studies	6	M Phil -18

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Sl.No	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Prof. Dr.Narayana Pillai, Ret. Prof. Dept. of Sociology University of Kerala	Visiting Fellow	Sociology, Medical sociology, Research methodology
2.	Dr. Joseph Mathew, Asso. Prof. Dept. of Gandhian Studies, Karnatak University, Dharwad	Visiting Fellow	Gandhian studies, education, Rural development, Research methodology
3.	Prof Dr N Radhakrishnan	Visiting Fellow	Gandhian studies, peace studies, Gandhian Economics
4.	Dr Willian Bhasker	Visiting Fellow	Gandhian studies, Development Studies
5.	Dr Lal Das	Visiting Fellow	Research methodology, SPSS, Social work



6.	Dr A.K Chirappaneth	Visiting Fellow	Gandhian Philosophy, Religion, Peace studies
7.	Dr M.P Mathai	Visiting Fellow	Gandhian studies, Peace studies, Gandhian Economics
8.	Sri. AV Joseph	Visiting Fellow	Gandhian Economics, Social Work, Field work
	Dr Antony Palackal	Visiting Fellow	Sociology, Research Methodology, Social Theories

13. Percentage of classes taken by temporary faculty – Programme-wise Information

Programme	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
MA	20	NIL	NIL	NIL	NIL	NIL
M.Phil	20	NIL	NIL	NIL	NIL	NIL
Ph.D	NIL	NIL	NIL	NIL	NIL	NIL

14. Programme –wise Student Teacher Ratio:

Sl. No.	Course	2011	2012	2013	2014	2015	2016
01	M.A	48:7	48:7	48:6	48:6	48:5	48:4
02	M.Phil	11:7	11:7	11:6	11:6	11:5	11:4
03	Ph.D.	96:12	96:11	96:11	96:11	96:9	96:9

15. Number of academic support staff(technical) and administrative Sanctioned, filled and Actual:

Support staff	Sanctioned	Filled
Administrative Officer	1	1
Assistant Section Officer	1	1
Office Superintendent	1	1
Technical Assistant(Librarian)	1	1
Peon	1	vacant

16. Research thrust areas as recognized by major funding agencies:

- Tribal Welfare
- Rural Development & Gandhian Philosophy
- Social work
- Gerontology
- Human Resource Development
- Development Studies
- Yoga & Naturopathy

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise
a) National

Sl. No	Title of the Project	Duration	Funding Agency	Total amount in Lakhs (₹)
1.	“Vulnerability of Elderly Widows in Kerala” (Dr.Sandhya R S)	2011-12	UGC	7.27
2.	Impact of Public Policy and Rural Re-construction: An Analysis of Gandhian Approach(Dr. D. Nirmala Devi)	2012-14	UGC	5.66
3.	"Human Rights & Tribal Development:A Comparative study on the Malaipandaram Tribes in Pathanamthitta and Kollam Districts in Kerala" (Smt. Manjusha KA)	2015-16	ICSSR	20.00
Total				32.93 lakhs

b) International: Nil
18. Inter-institutional collaborative projects and associated grants received

a) National collaboration : Nil

b) International collaboration : Nil

Total grants received: NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc:

SL.No	Funding Agency	Total amount in Lakhs (₹)
1.	UGC – SAP	24.00
2.	ICSSR	16.00
3.	UGC	12.93

Total Grant received: ₹ 52.93 Lakhs



20. Research facility/Centre with

- State recognition Yes
- National recognition Yes
- Inter National recognition Nil

21. Special research laboratories sponsored created by industry or corporate bodies

Nil

22. Publications

Sl. No	Publications	Total
1.	Refereed Journal Publications	37
2.	Monographs	Nil
3.	Conference Proceedings	Nil
4.	Chapters in Books	2
5.	Edited Books	1
6.	Books authored with ISBN	1
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	1
9.	Total	42

- Number listed in International Database : 8
(For e.g. Web of Science, Scopus, Humanities, International Complete, Dare Database – International Social Sciences Directory, EBSCO, Host, etc.)
- Citation Index – range/average : 1
- SNIP : Nil
- SJR : Nil
- Impact Factor – range /average
- H-index : 1

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil



25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad :

Prof Dr.M.S.John

Sl.No.	Name of the university/industry	Duration	Purpose
1.	IIT Madras, Humanities Department	2011- 2012	Professor on deputation

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) anyother (please specify)

a) National committees: Nil

b) International committees: Nil

c) Editorial Boards

Sl. No.	Name of the faculty	Committee
1.	Dr.M.S.John, Professor	Chief Editor – Gandhi Marg
2.	Dr C.R Harilekshmeendra Kumar	Online journal, M.G University, Kottayam

d) Anyother

Sl. No.	Name of the faculty	Committee
1.	Dr Sandhya RS	Human Ethics Committee, M.G University
2.	Smt. Manjusha KA	SC/ST Monitoring Committee, M.G University
3.	Dr C.R Harilekshmeendra Kumar	IQAC Co-ordinator, SGTDS, M.G University, BOS, Calicut University, Calicut

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):

Orientation Course	4
Refresher Course	5
Short term course/Training programme	4
Workshop	25

28. Student projects :

• Percentage of students who have done in-house projects including inter-departmental projects	40
• Percentage of students doing projects in collaboration with other universities / industry / institute	60



29. Awards/recognitions received at the national and international level by

- Faculty :

Name of the faculty	Awards/recognitions
Dr.C. R.Harilakshmeendra Kumar	GICSNA (Government of India Certified Senior Naturopath Association) National Award for the contributions rendered to the academic propagation of Yoga & Naturopathy in the national and international level.

- Doctoral / post-doctoral fellows:

Name of the Doctoral / post-doctoral fellows	Nil
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- Student :

Name of the student	Nil
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30. Seminars/Conferences/Workshops organized and the source of funding, (national/international) with details of outstanding participants, if any:

Year	Seminars/ Conferences/ Workshops	Source of funding	outstanding participants
2010-11	1	UGC SAP	4
2011-12	1	UGC SAP	5
2012-13	2	ICHR, UGC	12
2013-14	2	UGC, ICSSR	8
2014-15	1	UGC	5
2015-16	3	UGC	12

31. Code of ethics for research followed by the departments:

Department has a department ethics committee for conduct of research

- Code of ethics is followed during selection of research topics for Ph.D.
- Plagiarism is strictly banned and avoided.
- Licensed soft wares are used for research purposes.

32. Student profile programme-wise

2011-2012

Name of the Programme(refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A	38	9	15	37.5	62.5
M.Phil	26	4	7	36.3	63.7
Ph.D. Course Work	35	7	5	58.3	41.7

2012 - 2013

Name of the Programme(refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A	26	14	10	58.3	41.7
M.Phil	27	3	8	27.2	72.8
Ph.D Course work	39	7	6	53.8	46.2

2013 -2014

Name of the Programme(refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A	Through CAP	14	10	58.3	41.7
M.Phil	40	10	7	58.8	41.2
Ph.D Course work	24	5	7	41.7	58.3

2014-2015

Name of the Programme(refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A	Through CAP	16	4	80.0	20.0
M.Phil	36	9	2	81.8	18.2
Ph.D Course work	28	7	8	46.7	53.3



2015 -2016

Name of the Programme(refer to question no.4)	Applications received	Selected		Pass	
		Male	Female	percentage Male	Female
M.A	Through CAP	11	10	Exam not conducted	
M.Phil	30	3	8		
Ph.D. Course work	23	2	8		

33. Diversity of students

Name of the Programme (refer to question no.4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A	80%	19%	1%	Nil
M.Phil	85%	13%	2%	Nil
Ph.D	88%	10%	1%	1%

34. How many students have cleared Civil Services and Defence Services examination, NET, SET, GATE and other competitive examinations? Give details category-wise- list of students passed NET examination

NET/ JRF Qualified	GATE	SET	Kerala PSC
14	Nil	5	35

35. Student progression

UG to PG	Nil
PG to M.Phil	90%
PG to Ph.D	15%
Ph.D to Post - Doctoral	1
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	35%
Entrepreneurs	0

36. Diversity of Staff

Percentage of faculty who are graduates	
Of the same university	25%
From other universities within the State	50%
From universities from other States from	25%
Universities outside the country	0

37. Number of faculty who were awarded M.Phil; Ph.D, DSc and D.Litt. during the assessment Period

Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library	8000 books and other learning resources
b) Internet facilities for staff and students	Available
c) Total number of class rooms	6
d) Class rooms with ICT facility	Yes
e) Students' laboratories	1
f) Research laboratories	Nil



39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university :

Name of Guide	Name of Scholar
Dr.Nirmaladevi.D	Abraham Kurian Arun Sajini
Dr.MahajanP.Mani	. Brinda Nelson Deepak Joseph
Dr.M.S.John	Nisha.V.Nair Anto.S.V Mohammed Shihab
Dr.RoyC.Mathew	VidhyaVijayan
Dr.Sandhya .R.S	Anusha Sinu.I.Paul Shijimol
Dr.Harilakshmeendrakumar	Tiji.P.V. Surendran.P.G. Santhosh.K Ratheesh.P.R. Ramesh.V.P.

b) From other institutions/universities

Name of Guide	Name of Scholar
Dr.Nirmaladevi. D	T.Chuba Jamir AnithaM.Palakkal
Dr.MahajanP.Mani	Meera.E.H Minu.M.Kumar Solomon.K. Elizabth Gabriel Jolly K.James Asha .C.M. JofferKorra Priya George
Dr.M.S.John	Sabu Thomas Deepthi.M.U
Dr.RoyC.Mathew	Roopa.S Jessy.L Prima George Jiby Jose



Dr.Sandhya .R.S	Robin Mathew Ann Kavitha Mathew Febin Baby Sudheeran.T.S Sreesha Neena AmrithaRinu Abraham Unnikrishnan Shimi E Chandran
Dr.Harilakshmeendrakumar	Anilkumar.P.K. Kripa.K.Alex Ambily.C.K. Sreemol.S. Mathew Joseph Fr.Saji Varghese

Name of Guide	Post-doctoral
Dr.M.S.John	Dr.NishaVelappan Nair

40. Number of post graduate students getting financial assistance from the university

Period 2010-2016

Fellowship	Number
E grants	62

41. Was any need assessment exercise undertaken before the development of new programme Yes, through surveys and exploratory research studies. This means the employment potential of the programme is assessed through discussions with experts, members of the alumni, corporate executives etc.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Based on the feedback from stakeholders (alumni, research institute, academics, social science institutes etc.), improvements are effected in the curriculum as well as teaching- learning process.
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback.	a) Based on the feedback improvements are effected in the curriculum as well as teaching learning process b) Based on the feedback the training needs of the teachers are identified and used to take pro active steps in these counts.
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Based on the feedback the training needs of the teachers are identified and are used to take proactive steps towards improvement.



43. List of distinguished alumni of the department (Maximum 10)

Sl No.	Name	Current Position
1.	Dr.Aby George	Regional Director of Tata Institute of Social Sciences
2.	Dr.Siby K Joseph	Dean, Institute of Gandhian Studies, Wardha
3.	Stephen George	Former Member of Legislative Assembly, Kerala
4.	Dr. MP Mathai	Former Professor , School of Gandhian Thought and Development Studies, MG University & Visiting Professor, Gujarat Vidyapeet, Ahmadabad.
5.	Venu Nair	National Award winner and Film Maker
6.	JayashankarBhaskaran	Cataloging Officer in US Embassy, New Delhi
7.	Charles Mittathani	World Vision, Non-Governmental Organization
8.	Dr.AbhilashBabu	Assistant Professor, Central University, Gujarat
9.	Varghese John Thottappuzha	Chief Editor(Research), MalayalaManorama, Prominent Malayalam newspaper.
10.	Dr.AbyP.Joy	Editor, Mathrubhoomi, Prominent Malayalam newspaper.

44. Give details of student enrichment programmes (Special lectures/workshops/seminar lectures/workshops/seminar)

S.L No	Name of the programme	Date	Remarks
1.	Workshop on Gandhian Philosophy	2011-12	Dr.K.Radhakrishnan
2.	Workshop on Statistical Package for social sciences	2012-13	Dr.Sudheer, Gandhi Gram Rural Institute, Madhurai.
3.	Workshop on Research Methodology	2013-14	Dr.LAL DAS, Hyderabad.
4.	Workshop on Yoga	2015-16	Dr.RajeswarMukhopadhaya and NidhishYadav of Kaivalyadhama Institute of Yoga Mumbai
5.	Special lectures on Gandhian Philosophy	2015-16	Dr.VinodKool, State University of New York
6.	One day student enrich programme in collaboration with Kanthari Institute Trivandrum	2015-16	In this programme students were given deep insight on how to initiate self-employment entrepreneurial initiatives. Here the means of mobilizing resources both human & material were stressed.

45. List the teaching methods adopted by the faculty for different programmes

- PPTs
- ICT
- Flipped class room

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Through Periodic Evaluations
- Collecting feed backs
- Conducting Examinations
- Through Field Visits

47. Highlight the participation of students and faculty in extension activities

- Field study in reputed NGOs
- Organizing Rural Camps
- Conducting field work programme

48. Give details of “beyond syllabus scholarly activities” of the department

Training in participatory development activities, developing skills in essay writing, public speaking and soft skills

49. State whether the programme/department is accredited/graded by other agencies
No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or Applied

This is ensured through Research Programmes and Extension activities. The research publications of the school are ample testimony to the new knowledge generation.

51. Details five major Strengths, Weaknesses, Opportunities and Challenge (SWOC) of the Department

Strengths

- Good infrastructural facilities.
- Fabulous support of the scholarly community.
- Inter disciplinary research facilities.
- Good support from the Alumni.
- Co-operation and support of the leading NGOs & General Public.



Weaknesses

- Inadequate faculty members.
- Lack of collaboration with corporate entities.
- Lack of enough administrative staff.
- Absence of sufficient number of smart class rooms, Lab facilities etc
- Lack of a vehicle for the transportation of students for field placements.

Opportunities

- Possible tie up with foreign universities.
- Possibilities for undertaking worthy human resource development (HRD) projects.
- Immense scope for extension activities.
- Possibility for attracting scholars from abroad.
- Starting of massive online course on Gandhian Philosophy

Challenges

- The existing PG programme , M.A Development studies is not a UGC recognized programme.
- No special reservation for M.A Gandhian Studies students in state public service examinations.
- Delay in filling up non-teaching staff positions.
- Lack of student diversity.
- Lack of awareness among stakeholders regarding the significance of academic programmes in Gandhian Studies.

52. Future plans of the department

- To develop the School as a major centre of excellence in Gandhian and Peace studies.
- To initiate active international co-operation with universities, NGO's, research institutes etc. involved in Peace studies.
- To establish a Mahatma Gandhi Museum to highlight the importance of Gandhian values.
- To undertake a Massive Open Online Course (MOOC) on Gandhian Philosophy.
- To revitalize the existing M.A. Development Studies programme by incorporating more Job- Oriented subjects.

SCHOOL OF INDIAN LEGAL THOUGHT

1.	Name of the Department	:	School of Indian Legal Thought			
2.	Year of establishment	:	1989			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Law			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	<ul style="list-style-type: none"> • LL.B-3year • BBA, LLB -5 year • LL.M • Ph.D. 			
5.	Interdisciplinary programmes and departments involved		5 year BBA LL.B programme is interdisciplinary in nature, this course offers two degree LLB (Law) and BBA(Management). The students can pursue higher studies in law and management.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc		Nil			
7.	Details of programmes discontinued, if any, with reasons		BA LL.B programme was discontinued and BBA LLB was started as per the stipulations of Bar Council of India.			
8.	Examination System		LLB-Semester LLM- Semester, choice based credit system			
9.	Participation of the department in the courses offered by other departments		None			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)			Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	Nil	Nil
			Associate Professors	Nil	Nil	1
			Asst. Professors	7	5	5
			Others	Nil	Nil	Nil



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D. students guided for the last 6 years
Dr. K Vikraman Nair	LL.M Ph.D	Professor	Constitutional Law	30	3
Dr. George Joseph	LL.M Ph.D	Professor	Constitutional Law	26	5
Dr M.C Pramodan	LL.M Ph.D	Associate Professor	Contract law & Administrative law	23	1
Dr. Sheeba Pillai	BA,LL.M,Ph.D	Assistant Professor	Constitutional Law	16	2
Dr. Rajeeesh.A.P	BSc.LL.M, Ph.D	Assistant Professor	Constitutional Law and Administrative law	16	Nil
Dr. Gigi P.V	LL.M, Ph.D	Assistant Professor	Constitutional Law & Administrative Law	16	Nil
Sunil Kumar Cyriac	LL.M	Assistant Professor	Law of Crimes and Torts	16	Nil
Jasmine Alex	LL.M, Ph.D	Assistant Professor	Law of crimes and Constitutional Law	11	1

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
Senior Visiting Fellows**

Name	Qualification	Specialization
1.	Dr.V.D Sebastian (Former Director, School of Indian Legal Thought and Adjunct professor, KIITs, Bhubanshwar	Constitutional Law
2.	Prof.Vikraman Nair, Former Director, School of Indian Legal Thought	Constitutional Law
3.	Prof.Markus (Former member, Law Commission of India)	Criminal law

Guest faculty

Name	Qualification	Specialization	No. of Year of experience
1. Adv K.N Somanathan	LLM	Administrative Law	26
2. Adv Balasubramania Pillai	LL.M	Commercial law	25
3. Adv . Sunny George	LL.M	IPR	20
4. Adv Jissa mol P.R	LL.M	Human Rioghts	10
5 Adv. Manju E .George	LL.M	IPR	10
6. Adv Cicy Joseph	LL.M	Contract & Human Rights	10
7. Adv Dimle Raj	LL.M	IPR	8
8. Adv. Ajithakumari	LL.M	Human Rights	8
9. Dr. K.Sharafudeen	LL.M	Constitutional Law	8
10. Adv. Smitha	LL.M	Contract	5
11 Adv. Simi John	LL.M	Human Rights	5
12. Adv. Bessy Achamma	LL.M	Human Rights	2
13. Adv. Baisemol Baby	LL.M	Labour Law	2
14. Adv. Laya Bhaskar	LL.M	Administrative Law	2
15. Adv. Jayareshmi	LL.M, M. Phil	Human Rights	8
16. Nimmi	M.A	English	2
17. Hallema .A	M.B.A	Management	2
18. Vimal Kumar	M.B.A.	Management	2

13. Percentage of classes taken by temporary faculty – programme-wise information

BBA LL.B	50 % of classes
3yr LLB	80% of classes
LL.M	20% of classes

14. Programme-wise Student Teacher Ratio

BBA LL.B	9 :1
3yr LLB	8:1
LL.M	3:1
Ph.D.	2 :1



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Support staffs	Sanctioned	Filled and Actual
Technical	4	2
Administrative Staff	5	4

16. Research thrust areas as recognized by major funding agencies

- Environmental Law
- Administrative Law
- Constitutional Law
- Criminal Law

17. Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise : Nil

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration: Nil
- b) International collaboration: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : Nil

20. Research facility / centre with

• State Recognition	Regular Department Of Mahatma Gandhi University
• National Recognition	Yes (Recognition by Bar Council of India (Reg. No BLI/LE/SILT/ Kottayam /MGU/ 2002
• International Recognition	Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

The School has developed the following bodies for the benefit of students and public.

- Legal aid clinic
- Moot court
- Mock trial
- Legal literacy classes

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	30
2.	Monographs	Nil
3.	Conference Proceedings	Nil
4.	Chapters in Books	Nil
5.	Edited Books	Nil
6.	Books authored with ISBN	Nil
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
	Total	30

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
- Citation Index – range / average : Nil
- SNIP : Nil
- SJR : Nil
- Impact Factor – range / average : Nil
- h-index : Nil

23. Details of patents and income generated : Nil**24. Areas of consultancy and income generated :**

- Yes, free legal aid service to the public.
- Classes are taken by the faculty in various institutions on various legal aspects without receiving remuneration.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**National Seminar**

Dr.Rajeesh A P	1. Chaired a session at the National Conference on Changing Role of Media in India – Constitutional Perspectives on 20th February 2014.
Dr.Sheeba Pillai	2. Resource person for the third Faculty Development Programme, Academic Staff College, Christ University Bangalore on 9 th November 2012.



	<ol style="list-style-type: none"> 3. Chaired a session at the National Conference on Changing Role of Media in India – Constitutional Perspectives on 20th February 2014. 4. Lecture presented as a mentor of Walk with the Scholar Programme organised by the Union Christian College Aluva on 19th March 2016.
Mr.Sunil Kumar Cyriac	<ol style="list-style-type: none"> 1. 2011 -12 Invited Lecture in the national Seminar organised by P.G. Department of Political Science St. Thomas College Pala on 22nd and 32 March 2012. 2. 2015 -2016, chaired a session in the national Seminar on Waste management organised By Govt Law College Ernakulam during 16th – 18th March 2016
Dr.Jasmine Alex	<ol style="list-style-type: none"> 1. Invited Lecture in legal awareness programme for Higher secondary School students of C.M.S. College kotayam on 29/10/2015 2. Delivered an invited Lecure in Constitution awareness programme for the higher secondary students of Vidyadhiraja Vidyabhavan, Kottayam on 26/11/2015. 3. Delivered an invited Lecure in Human Rights awareness progamme under the auspices of N.S.S., Mahatma Gandhi University at School of Behavioural Science on 10/12/2015.

26. Faculty serving in

- a) National committees - Nil
- b) International committees - Nil
- c) Editorial Boards- 8

Dr.Sheeba Pillai	<ul style="list-style-type: none"> • Journal of Law and Legal Jurisprudential Studies • Journal of School of Indian Legal Thought
Dr Rajeesh A.P.	<ul style="list-style-type: none"> • Journal of Law and Legal Jurisprudential Studies • Journal of School of Indian Legal Thought
SuNil Kumar Cyriac	<ul style="list-style-type: none"> • Journal of School of Indian Legal Thought
Dr. M.C. Pramodan	<ul style="list-style-type: none"> • Journal of School of Indian Legal Thought
Dr. Jasmine Alex	<ul style="list-style-type: none"> • Journal of School of Indian Legal Thought
Dr. Gigi.P.V	<ul style="list-style-type: none"> • Journal of School of Indian Legal Thought

- d) any other (please specify) : Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

2011-2012	<ol style="list-style-type: none"> 1. Gigi P.V, Participated in the Inter Disciplinary National Workshop on Women and Law organized by His Highness Maharajas Government Law College, Ernakulam on February 2011 2. Jasmine Alex participated in National Workshop on Forensic Science in Investigation and Trial held at GLC, Ernakulam during 23-25, January, 2012 3. Sri SuNil Kumar Cyriac Attended Inter disciplinary national workshop on forensic science in investigation and trial, conducted by His Highness the Maharaja's Government Law College, Ernakulam, from 23rd to 25th January 2012
2012-13	<ol style="list-style-type: none"> 1. Dr George Joseph attended Three Day ICRC South Indian Regional Teacher's Training Programme on International Humanitarian Law organised jointly by the Dept. of Studies in Law, University of Mysore and the International Committee of the Red Cross, Regional Delegation for South Asia New Delhi. 28-30th, May 2012 at Mysore, Karnataka 2. Dr George Joseph attended UGC sponsored Refresher Course in Human Rights conducted by the UGC Academic Staff College, Calicut from 28.09.2012 to 18.10.2012. 3. Sri Rajeesh A.P participated in the 2 day orientation programme for teachers / counsellors on women empowerment organized by Department Student Services at IMA hall, Kottayam on 7th September, 2012 4. Sri Rajeesh A.P participated in the Refresher Course in Human Rights (Interdisciplinary) conducted by UGC – Academic Staff College, University of Calicut, from 28/09/2012 – 18/10/2012 and obtained A grade 5. Sri Sunil Kumar Cyriac attended the UGC sponsored refresher course 28th September-18 October 2012 –University of Calicut obtained 'A' Grade 6. Smt Jasmine Alex attended UGC Sponsored Orientation Programme for Teachers/Counsellors on Women Empowerment organised by Department of Student Services, Mahatma Gandhi University on 7th September 2012 7. Smt Jasmine Alex attended training programme for Law teachers on Curriculum Reforms held by State Higher Education Council and School of Legal Studies, CUSAT during 28th May -1st June 2012 at School of Legal Studies, CUSAT
2013-14	<ol style="list-style-type: none"> 1. Dr George Joseph participated in the Professional Development Training for Law Teachers on 'Law Teaching and Future of Legal Education', organized by IBA-Chair on Continuing Legal Education, National Law School of India University, Bangalore and Menon Institute of Legal Advocacy Training, Trivandrum at Mar Gregorios College of Law, Trivandrum, from 09-12 October 2013.



	<ol style="list-style-type: none">2. Dr M.C Pramodan attended National Workshop on Right to Emergency Care, Centre for Health Law and Policy, NUALS, Kochi, August 20143. Dr Rajeesh A.P participated in the 2 day Orientation Programme for teachers / counsellors on 'Women Empowerment' organized by Department Student Services at IMA Hall, Kottayam on 7th September, 20124. Sri Sunil Kumar Cyriac attended two Day National Workshop for Training of Trainers on challenges in law teaching, Research and Administration in government law colleges in Kerala, conducted by His Highness The Maharaja's Government Law College, Ernakulam, from 10th & 11th January 2014.5. Jasmine Alex attended Orientation Programme on Managing Diversity and Equity in Universities and Colleges organised by the Department of Educational Administration, National University of Educational Planning and Research, New Delhi during 02-06 Dec. 2013
2014-15	<ol style="list-style-type: none">1. Dr Sheeba Pillai participated in one day training programme on 'Cyber crimes-legal and Forensic Issues' conducted by National Law School of India University, Bengaluru with Mar Gregorios College of law on 1st March, 2015.2. Jasmine Alex attended a workshop for Law Teachers on Teaching and Research in IPR organized by the Inter University Centre for IPR Studies held at Cochin University of Science and Technology during 5-6 May 2014
2015-2016	<ol style="list-style-type: none">1. Dr George Joseph participated in the Professional Development Training for Teachers on "Teaching ADR Skills And Ethics For Better Legal Services" Organized by IBA-CLE Chair National Law School of India University, Bangalore and Menon Institute of Legal Advocacy Training, Trivandrum in association with VM Salgaocar College of Law, Panaji, Goa from 2-6 December 20152. Jasmine Alex participated in the Faculty Development Programme held by Mahatma Gandhi University from 30th July 2015 to 12th August 20153. Dr Sheeba Pillai, Dr. Rajeesh A.P., Dr. Gigi P.V., Dr. George Joseph and Sri. SuNil Kumar Cyriac participated in a National Workshop on Cyber Crimes and Cyber Laws conducted by School of Indian Legal Thought on 27th and 28th, February, 2015.4. Sri Sunil Kumar Cyriac participated in the two week Faculty Development Programme organised by Mahatma Gandhi University from 30th July to 12th August 2015.5. Dr. Rajeesh. A.P. participated in the two week Faculty Development Programme organised by Mahatma Gandhi University from 30th July to 12th August 2015.

28. Student projects

<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 	100% of P.G. students.
<ul style="list-style-type: none"> percentage of students doing projects in collaboration with other universities industry / institute 	None

29. Awards / recognitions received at the national and international level by**Faculty: International**

Dr. George Joseph, Assistant Professor	Prestigious award of Scroll of Honour from the International Council of Jurists London, 2014, taking into account his contributions in International Law, Academic year 2013 -2014
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National

Dr. George Joseph, Assistant Professor	Sevanaratnam Puraskaram, 2011 from Nethaji Smaraka Samathi Trivandrum
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Students: International

Anathakrishnan A Kartha BBA. LL.B, student	Best Mooter award in the One week Summer School Programme organised by European College of Law and Common Wealth Legal Education Association at London (2015 -2016)
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National:

Department students team	Best Team award, in the National Competition on Alternative Dispute Redressal Mechanism held at Govt. Law College Ernakulam. (Academic year 2012 -2013)
Department students team	The best script memorandum, in the National Competititon on Alternative Dispute Redressal Mechanism held at Govt. Law College Ernakulam. (Academic year 2012 -2013)
Department students team	Runner up in the in NALAM 2015 conducted by NUALS, (Academic year 2015 -2016)
Department students team	Winner, in the Ratio Decidendi Judgment Analysis Competition organized by Bharat Matha School of Legal studies rganized in 2015
Gayathri K.	Winner of best article containing anti drug theme instituted by the Excise department, GOK for the year 2016
Department Students Union magazine	Selected for the Best magazine on the theme Anti-Drugs Campaign by the Excise Department, GOK, for the year 2016.



30. Seminars/Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

2011– 2012	7 th National Moot Court has been successfully organized.
	Conducted National Seminar on Rights of Children during 23 rd – 25 th February 2012. Around 210 participants from all over India participated in the Seminar and around 75 papers were presented and discussed.
	Dr. Ambedkar Memorial Lecture has been delivered by Dr. N.S. Gopalakrishnan (Prof. HRD Chair on IPR and Director, Inter University Centre for IPR Studies on 29 th and 30 th March 2012
2012 - 2013.	8 th National Moot Court competition has been successfully organized during 14-16 th Feb, 2013
	National seminar on family as an Institution: Modern realities and Trends in law was conducted on 28 th Feb to 2 nd March 2013
	Dr Ambedkar Memorial lecture has been delivered by Dr Chandrashekharan Pillai, former Director, National Judicial Academy on 12 th Sept 2013 Legal Literacy mission in kudumbasree units
2013 - 2014.	9 th National Moot Court has been conducted during February 20 th and 22 nd of February 2014.
	Dr. Ambedkar Memorial Lecture has been delivered by R. Venkatramani (Senior Advocate of Supreme Court of India & Member of Law Commission of India) on the topic of Constitutional Dharma and Contemporary Challenges, March 2014.
	Legal literacy mission in various schools and colleges in Kottayam district
2014 – 2015	Dr. Ambedkar Memorial Lecture has been delivered by Hon. Dr. Justice B.S. Chauhan (Chairman Cauvery Water Dispute Tribunal and Former Judge of Supreme Court of India) on 29 th February 2015 on the topic of Judicial Activism and Judicial Restraint.
	Two Day National Seminar on the topic of Farmers Right in the Liberalised Economy: Perspectives and Trends was conducted during 27 th and 28 th March 2015.
	Legal literacy mission carried out in various panchayats and schools
2015 -2016	Dr Ambedkar Memorial Lecture was delivered by Prof Dr Sivakumar, Prof Indian law Institute, New Delhi on 30 th March, 2016.
	Hon'ble Justice V.Eswariah, Chairperson, National Commission for Backward Classes and Former Chief Justice High Court of Andhra Pradesh delivered a lecture on "Free Press and Independent Judiciary" on 18.12.2015
	A National Workshop on Cyber-crimes and Cyber laws was organised by School in association with CMAI Association of India on 27 th and 28 th February 2016
	A National Seminar on Access to health Care in Modern Era :Changing Dimensions, was organised by the School on 13-15 th March, 2016

31. Code of ethics for research followed by the departments

The research topic is discussed and approved by the doctoral committee consisting of all the permanent faculty. The researchers are given opportunities to publish articles in their respective research areas in the department journal. Measures are taken to counter plagiarism. Half yearly reports of the research scholars are scrutinised with the help of external experts. Measures are taken to complete the research on time.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BBA. LL.B (Hons)					
2011- 12	110	11	19	90%	95%
2012- 13	256	11	18	38%	62%
2013- 14	261	14	17	45%	55%
2014- 15	319	5	25	17%	83%
2015- 16	472	13	17	43%	57%
LL.B 3 year					
2011- 2012.	85	28	4	88%	22%
2012- 2013	119	37	6	86%	24%
2013- 2014.	180	43	7	84%	26%
2014- 2015.	96	32	7	82%	28%
2015- 2016	165	35	14	71%	29%
LL. M Programme					
2011-2012.	39	4	14	22%	88%
2012-2013.	34	5	13	28%	72%
2013-2014.	52	2	17	11%	89%
2014-2015.	Through CAP cell	3	11	21%	79%
2015-2016.	Through CAP Cell	2	3		



33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
• LL.B-3year	66	30	4	Nil
• BBA, LLB -5 year	Nil	52	48	Nil
• LL.M	50	47	3	Nil
• Ph.D.	67	33	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	UGC NET	SET/SLET	State PSC	Any others	Total
2010-11	1				
2011-12	-				
2012-13	2				
2013-14	2				
2014-15	4				
2015-16	1				
Total	10				

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	60%
PG to M.Phil.	-
PG to Ph.D.	25%
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	100%
Entrepreneurs	

36. Diversity of staff:

Percentage of faculty who are graduates	
Of the same University	17
From other universities within the State from	83
Universities from other States from universities	0
Outside the country 0%	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : 3

Add category wise

M.Phil.	Name of the Faculty
Ph.D.	Dr Rajeesh A.P, Dr Jasmine Alex, Dr Gigi P.V

38. Present details of departmental infrastructural facilities with regard to

a) Library	Yes, 10518 books
b) Internet facilities for staff and students	23 computer in the computer lab 6 computers for faculty 2 computers in the library 5 for office All computers have internet facilities
c) Total number of class rooms	The school has adequate facilities for teaching and learning. All together the school has 17 lecture halls for imparting training to the five year BBA, LLB, LLB 3year course and LLM courses offered by the school. Apart from the above lecture halls we also have a smart class, one seminar hall, Auditorium, computer lab, and a well-furnished moot court hall for effectively imparting legal training. A legal literacy club and legal aid clinic is also functioning in the school.
d) Class rooms with ICT facility	1
e) Students' laboratories	1 computer lab with 23 computers
f) Research laboratories	Nil



39. List of doctoral, post- doctoral students and Research Associates

a) From the host institution/university : 01

b) From other institutions/universities : 03

Period: 2011-16

Sl. No:	Name of the doctoral students	Name of the Guide
1.	K.Sudhakaran	Dr. Sukumari Antharjanam
2.	Ahmad Iqbal	Dr.M. George Joseph
3.	Dr Rajeesh A.P	Dr. M.C. Pramodan
4.	SuNil Kumar cyriac	Dr. Sheeba Pillai
5.	Gigi P.V	Dr. K.Vikraman Nair
6.	Jasmine Alex	
7.	E.R Jayaram	
8.	Deepthi U	Dr. Sheeba Pillai
9.	Krihnakumar G	Dr. Sukumari Antharjanam
10.	Sheraffudin	Dr.M. George Joseph
11.	Jaisy T	
12.	Jose A.D	
13.	George Zachariah	
14.	Soman P. Mamkuttathil	Dr. Sukumari Antharjanam
15.	SuNil Gladson	Dr. K.Vikraman Nair
16.	Mercy Thekkekkara	Dr. K. Parameswaran
17.	Kalam Pasha	Dr.M. George Joseph
18.	Anitha L.P.	Dr.M. George Joseph
19.	Juby K Mariam	Dr. Sheeba Pillai
20.	Asok Kumar. A	Dr. Sheeba Pillai
21.	Sumayya. H	Dr.M. George Joseph
22.	B. Ramachandran	
23.	Priyanka Prasad	Dr. Jasmine Alex
24.	Thilakanandan	Dr. K. Parameswaran
25.	Merin Thaliath	Dr. Jasmine Alex
26.	Joseph. K.D	Dr. Jasmine Alex
27.	Neethi Chacko	Dr.M. George Joseph
28.	Nikhilesh. N	Dr. Jasmine Alex

Year	Sl. No:	Name
From 2011-2016	1.	K.Sudhakaran
	2.	Ahmad Iqbal
	3.	Dr Rajeesh A.P
	4.	SuNil Kumar Cyriac
	5.	Gigi P.V
	6.	Jasmine Alex
	7.	E.R Jayaram
	8.	Deepthi U
	9.	Krihnakumar G
	10.	Sheraffudin
	11.	Jaisy T

	12.	Jose A.D
	13.	George Zachariah
	14.	Soman P. Mamkuttathil
	15.	SuNil Gladson
	16.	Mercy Thekkekkara
	17.	Kamal Pasha

40. Number of post graduate students getting financial assistance from the university:

Financial assistance is given in the form of e –grants:

- In the year 2011 – 2012, 8 students were getting financial assistance (4 male and 4 female)
- In the year 2012 – 2013, 8 students were getting financial assistance (3 male and 5 female)
- In the year 2013 – 2014, 6 students were getting financial assistance (1 male and 5 female)
- In the year 2014 – 2015, 3 students were getting financial assistance (male –Nil 3 female)
- In the year 2015 – 2016, 3 students were getting financial assistance (1 male and 2 female)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

After getting feedback from the Bar, former students, parents and the faculty of the institution the UG programme BBA. LL.B (Hons.) was revised in accordance with Bar Council Norms. The PG (LL.M) programme was revised as per the U.G.C. norms.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Department uses the feedback for improving the content of teaching learning process.
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Department collects feedback from students and uses the feedback for improving the curriculum and teaching.
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Feedback is collected in the alumni meeting.



43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position
1.	Dr. O K Narayanan	Member, Central Income Tax Appellate Tribunal
2.	Abraham P George	Member, Central Income Tax Appellate Tribunal
3.	Dr. Anitha Anoop	General Manager, Securities and Exchange Board of India, Bombay
4.	Prof. Dr. Liza P Lukose	Professor, Indraprastha University, New Delhi
5.	Asha Treesa	Corporate Lawyer, Singapore
6.	Markose Thomas	Inhouse Lawyer, Singapore
7.	Dr. Unni VR	Associate Professor IIT, Kharagpur
8.	Ms. Arathi Ashok	Assistant Professor, Cochin University of Science and Technology
9.	Dr. Anish V Pillai	Assistant Professor, Department of Law, Cochin university of Science and Technology
10.	Reshma Sasidharan	Munsiff /Magistrate, Thiruvananthapuram

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Weekly seminars are part of our curriculum. Special Lectures like Ambedkar Memorial Lecture is conducted in every year. National seminars & National moot courts are conducted in every year.

7 th National Moot Court has been successfully organized.
Conducted National Seminar on Rights of Children during 23 rd – 25 th February 2012. Around 210 participants from all over India participated in the Seminar and around 75 papers were presented and discussed.
Dr. Ambedkar Memorial Lecture has been delivered by Dr. N.S. Gopalakrishnan (Prof. HRD Chair on IPR and Director, Inter University Centre for IPR Studies on 29 th and 30 th March 2012
8 th National Moot Court competition has been successfully organized during 14-16 th Feb, 2013
National seminar on family as an Institution: Modern realities and Trends in law was conducted on 28 th Feb to 2 nd march 2013
Dr Ambedkar Memorial lecture has been delivered by Dr Chandrashekharan Pillai, former Director ,National Judicial Academy on 12 th Sept 2013
Legal Literacy mission in kudumbasree units
9 th National Moot Court has been conducted during February 20 th and 22 nd of February 2014.
Dr. Ambedkar Memorial Lecture has been delivered by R. Venkatramani (Senior Advocate of Supreme Court of India & Member of Law Commission of India) on the topic of Constitutional Dharma and Contemporary Challenges, march 2014.
Legal literacy mission in various schools and colleges in Kottayam district
Dr. Ambedkar Memorial Lecture has been delivered by Hon. Dr. Justice B.S. Chauhan (Chairman Cauvery Water Dispute Tribunal and Former Judge of Supreme Court of India) on 29 th February 2015 on the topic of Judicial Activism and Judicial Restraint.
Two Day National Seminar on the topic of Farmers Right in the Liberalized Economy: Perspectives and Trends was conducted during 27 th and 28 th March 2015.

Legal literacy mission carried out in various panchayats and schools
--

Dr Ambedkar Memorial Lecture was delivered by Prof Dr Sivakumar, Prof Indian law Institute, New Delhi on 30 th March ,2016.
--

Hon'ble Justice V.Eswariah, Chairperson, National Commission for Backward Classes and Former Chief Justice High Court of Andhra Pradesh delivered a lecture on "Free Press and Independent Judiciary" on 18.12.2015

A National Workshop on Cyber-crimes and Cyber laws was organised by School in association with CMAI Association of India on 27th and 28th February 2016

A National Seminar on Access to health Care in Modern Era :Changing Dimensions, was organised by the School on 13-15th March,2016

45. List the teaching methods adopted by the faculty for different programmes.

In addition to the conventional teaching methods, assignment method, case law method, group discussion method are also followed. ICT enabled smart class room is used for teaching based on power point presentation.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored:

Feedback from our former students and the bar helps us to constantly monitor and upgrade our programme.

47. Highlight the participation of students and faculty in extension activities:

Participated in legal literacy and legal aid camps- More than **100** in number during this period.

48. Give details of "beyond syllabus scholarly activities" of the department : Moot Courts, Mock Trials, Weekly Seminars, activities of legal Aid Clinics

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- New emerging area are identified by the department for project work and seminars presented by the students.
- Students and faculty are encouraged to contribute to the dept journal with emphasis on newer areas of research.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Alumni placed in high offices and serving the society in different capacities.
- 90% of faculty are PhD holders.
- Teacher-Student ratio is high, so that every student gets attention.
- Legal aid and legal literacy.
- Mock Trials and Moot Court Exercises.

Weaknesses

- Lack of hostel facilities.
- Lack of sufficient Faculty.
- Lack of enough international journals.
- Problems due to distance from the main campus.
- Lack of international students.



Opportunities

- Emerging importance of legal education in the backdrop of globalisation.
- Increasing number of law firms.
- Increasing importance of alternate dispute redressal mechanisms.
- Higher placement opportunities with the help of successful alumni.
- Tremendous opportunities for students to get placed in different sectors.

Challenges

- Student unrest and politics.
- Lack of collaboration with foreign universities.
- Lesser focus on research and funded projects as the focus is more on legal education.
- Competition among law schools.
- Lack of national/international networking and student exchanges.

52. Future plans of the department.

- To become a premier institute for legal studies in the region.
- Mandatory Internship programmes of 20 weeks for undergraduate students.
- To ensure university hostel facilities for students.
- The Department proposes to take up major projects
- To build up International Collaborations
- To set up an Alternate Dispute Redressal Centre



SCHOOL OF INTERNATIONAL RELATIONS AND POLITICS

1.	Name of the Department	:	School of International Relations and Politics			
2.	Year of establishment	:	1983			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Social Sciences			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	M.A Politics and International Relations M.A Politics and Human Rights M.A Politics (Public Policy and Governance) MPhil Politics and International Relations Ph.D International Relations Ph.D International Relations (Economics)			
5.	Interdisciplinary programmes and departments involved	:	Programmes conducted are interdisciplinary in nature. These programmes are connected in one way or the other with almost all of the social sciences. In addition they also borrow from other disciplines. Scholars engaged in research keep themselves abreast of the developments in the other disciplines which have a bearing on their research work.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	Some of the courses offered in the School are in consultation with experts from Jinan University, China. Two institutions, Institute of Political Studies, Rennes, and Institute of Political Studies Bordeaux, France permit students to undergo two semesters of instruction at the School.			
7.	Details of programmes discontinued, if any, with reasons	:	Nil			
8.	Examination System	:	Semester (Choice Based Credit System)			
9.	Participation of the department in the courses offered other departments	:	The School offers open courses as part of the Credit and Semester System for students of other Schools. Students from this school also enrol for courses offered by other Schools.			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)	:		Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	0	2
			Associate Professors	0	0	0
			Asst. Professors	6	4	0
			Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. Students guided for the last 6 Years
Dr. A.M. Thomas	M.A, M Phil Ph.D	Professor	American Studies, International Relations	32	M.Phil – 9 M.Phil.on-going-1 Ph.D. awarded- 0 Ph.D. on-going- 7
Dr. K.M. Seethi	M.A, Ph.D	Professor	South Asian Studies, IR Theory	32	M.Phil – 5 M.Phil.on-going-2 Ph.D. awarded- 3 Ph.D.on-going-11
Dr. R. Girish Kumar	M.A, Ph.D	Assistant Professor	International Political Economy	10	M.Phil – 5 M.Phil.on-going-1 Ph.D. awarded- 4 Ph.D.on-going-6
Dr. C. Vinodan	M.A, Ph.D	Assistant Professor	South Asia, Energy and Security Studies	10	M.Phil – 11 M.Phil.on-going-1 Ph.D. awarded- 4 Ph.D.on-going-13
Dr. Bijulal M.V	M.A, MPhil, Ph.D	Assistant Professor	West Asian Studies, Human Rights	6	M.Phil – 9 M.Phil.on-going-1 Ph.D. awarded- Ph.D.on-going-4
Lirar Pulikkalakath	M.A, MPhil	Assistant Professor	West Asian Studies, Refugee Studies	5	M.Phil – 3 M.Phil.on-going-1 Ph.D. awarded- 0 Ph.D.on-going-0

12. List of senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:

Sl. No.	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	David G. Baker	Fulbright Senior Specialist, Independent Scholar, North Carolina, USA, 2012	United States Politics
2.	Steven Hook	Scholar- in- Residence, Professor of Political Science, Kent State University, Ohio, USA.	United States Foreign Policy



3.	V. Suryanarayan	Nelson Mandela Chair for Afro- Asian Studies	South and South East Asia, Diaspora
4.	T.V. Paul	Scholar- in- Residence, McGill University, Canada	South Asia/ Foreign Policy
5.	Jane Knight	International Education Specialist, Toronto, Canada.	International Education
6.	Jia Haitao	Director, Centre for Chindian Studies, Jinan University, China.	China
7.	Tim Niblock	Professor, University of Exeter, UK.	West Asia
8.	Tom Travis	Professor, Bucknell University, USA.	United States
9.	Harry Blair	Professor, Yale University, USA.	Indian Studies
10.	Rajiv Bhatia.	Former Ambassador	Indian Foreign Policy
11.	K.P. Fabian	Former Ambassador and KPS Menon Chair	Diplomacy
12.	Rakli Kakabadze,	Professor, Cornell University, USA.	Peace and Human Rights
13.	Walter Russel Mead	Professor, Bard College, USA.	US Foreign Policy
14.	A.K. Ramakrishnan	Professor, Jawaharlal Nehru University, New Delhi	West Asia
15.	Wardlow Friesen	Professor, University of Auckland, New Zealand.	Political Geography
16.	Philippo Osella	University of Sussex	Social Anthropology
17.	Takashi Teramoto	Hiroshima, Japan	Atom bomb survivor
18.	Pierre Fournier	Consul General of France, Pondicherry	Diplomacy
19.	Joe Szabo	United States	Political Cartoonist
20.	Peter N Varghese	High Commissioner of Australia	Diplomacy
21.	Jennifer Macklem	Professor, University of Ottawa, Canada	Socio linguistics
22.	Vinod C Khanna	Former Diplomat	Diplomacy
23.	M.P Joseph	International Labour Organisation, Cambodia	Labour
24.	Daniel Levy	State University of New York	International Relations
25.	Joseph D Frey	NYIT, United States	International Technology
26.	Thomas Abraham	Former Ambassador of India	Diplomacy



27.	D Babu Paul	Former Additional Chief Secretary, Kerala	Public Administration
28.	M Ananda Krishnan	Chairman, IIT, Kanpur	Education
29.	Linda Parker	United States Embassy	Diplomacy
30.	Sheshadri Chari	Politician	Indian Politics
31.	Ranjan Mathai	Foreign Secretary, India	Diplomacy
32.	Girijesh Pant	Jawaharlal Nehru University, New Delhi	West Asian Economics
33.	Adam K Webb	Johns Hopkins University, Nanjing Centre, China	Globalization
34.	Mani Shankar Aiyar	Member of Parliament	Indian Politics
35.	Bharat Bhushan	Journalist	Indian Politics
36.	John Samuel	Adviser, United Nations Development Programme	Globalization
37.	Roop Singh Bareth	Former Vice Chancellor, MDS University, Ajmer	Indian Politics
38.	Jay Wang	High Commission of Singapore	Diplomacy
39.	Pandav Nayak	Former Vice Chancellor, Utkal University	Indian Politics
40.	Achin Vanaik	Political Scientist	Nationalism
41.	Boris Kagarlitski	Political Scientist, Moscow	BRICS
42.	Ravindra K. Jain	Former Professor, JNU, New Delhi	Diaspora
43.	Shobita Jain	Former Prof. , IGNOU, New Delhi	Women's Issues

13. Percentage of classes taken by temporary faculty – programme-wise information:

MA	30 %
MPhil	Nil
Ph.D	Nil

14. Programme-wise Student Teacher Ratio:

MA	5:1
MPhil	1: 1
Ph.D	7: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

	Sanctioned	Filled and actual
Technical	1	1
Administrative Staff	4	4



- Administrative Officer : 1/1
- Administrative Assistant : 1/1
- Typist : 1/1
- Peon : 1/1
- Librarian : 1/1
- Casual labour/ Staff : 2

16. Research thrust areas as recognized by major funding agencies:

- Human Rights
- Public Policy and Governance
- Chinese Studies
- Rural Employment.

17. Number of faculty with ongoing projects from a) National b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) National

SL.No	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	WTO, TRIPS and South Asia	2014-17	UGC	8.70
2.	Terrorism and Nuclear deterrence in South Asia: A Study on the Issues and Challenges in India's National Security Strategy	2010-12	ICSSR	3.93
3.	Major Research Project on "Statelessness, Citizenship and Human Security: A Study on the Repatriated Tamils in Kerala"	2011-13	ICSSR	5.26
4.	Promoting India Study Programme in Mahatma Gandhi University	2014-15	Kerala State Higher Education Council	9.78

b) International funding: Nil

c) Total grants received: ` 27.67 Lakhs



18. Inter-institutional collaborative projects and associated grants received
(2010-2016)

a) National collaboration

SL.No	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	Paddy Culture in Kuttanad, Kerala: Folk Traditions, Rituals and Festivals	2012-14	Indira Gandhi International Centre for the Arts	4.30
2.	MGNREGS Assessment Evaluation Study- Eranakulam District.	2013-15	State Institute of Rural Development	5.40
3.	MGNREGS Assessment Evaluation Study- Pathanamthitta District.	2013-15	State Institute of Rural Development	5.40
4.	MGNREGS Assessment Evaluation Study- Kollam District.	2013-15	State Institute of Rural Development	5.40

b) International collaboration : Nil

Total grants received: ₹ 20.5 lakhs

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;
total grants received.
(2010-16 funds received)

SL.No	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	(MA Public Policy and Governance)	2010-15	UGC	21.00

20. Research facility / centre with

- State recognition :Yes
- National recognition :Yes
- Inter National recognition :Yes



21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	41
2.	Monographs	3
3.	Conference Proceedings	3
4.	Chapters in Books	20
5.	Edited Books	1
6.	Books authored with ISBN	6
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	38
	Total	112

- a) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : 18
- b) Citation Index – range / average : NA
- c) SNIP : NA
- d) SJR :
- e) Impact Factor – range / average : NA
- f) h-index : NA

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated:

SL. No	Description	Income generated (₹ in Lakhs)
1.	Consultancy Projects in collaboration with State Institute for Rural Development, Government of Kerala, Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)	16.20



25. Faculty selected nationally / internationally to visit other laboratories / institutions Industries in India and abroad

a) National : 53

Name of the faculty	Name of the university/industry	Date	Purpose
A.M. Thomas	United States Embassy, New Delhi, and Osmania University Centre for International Programmes, Hyderabad	29-30 March 2010	Participation
	Alphonsa College, Pala	1-2 February 2011	Participation
	United States-India Educational Foundation, Chennai	22-23 February 2011.	Participation
	United States-India Educational Foundation, St Thomas College, Pala.	27-28 July 2011	Presided over Inaugural Session
	K.R.Narayanan Study Centre, St Stephen's College, Uzhavoor	15-16 December 2011.	Paper presentation
	Observer Research Foundation, The Stimson Center and United States Consulate, Chennai, Kochi	12 June 2014.	Participation
	Mar Thoma College	21-22 January 2016.	Paper presentation
K M Seethi	University of Kerala	2010-17	External examiner for Ph.D
	University of Calicut	2016	Paper presentation
	HCU	2010-17	Resource person. External examiner
	Jamia Milia Islamia	2010-17	External examiner for Ph.D
	JNU, New Delhi	2010-17	External examiner for Ph.D
	Manipal University	February 2017	Paper presentation
	S.N. College, Kollam	January 2017	Keynote address



Girish Kumar R	Payannur College	1 st February, 2014	Valedictory Address
	Pondicherry University	14.02.2013	Paper presentation
	Pathanamthitta	September 19 th 2012	Workshop
	UNESCO Chair for Peace and Intercultural Understanding, Malaviya Centre for Peace Research, Banaras Hindu University & Public Affairs Section, U.S. Embassy, New Delhi at Benares Hindu University	September 20-21, 2012	All-India American Studies Workshop
	IMG, Thiruvananthapuram.	2012	Paper presentation
C. Vinodan	2 nd International Conference , SDMIND Instituee for Management and Development, Mysore during 18-19 November, 2016.	18-19 November, 2016.	Paper presentation
	Political Science and Publication Wing, Annamalai University	29-30 March, 2016.	Paper presentation
	Department of Law, Central University of Kerala	March 17, 2016	Paper presentation
	Post- Graduate and Research Department of Political Science, Sree Narayana College, Kollam	30-31 January 2015.	Paper presentation
	UGC Centre for South East Asian& Pacific Studies, Sri Venkateswara University, Tirupati	30-31 January 2015.	Paper presentation
	Dept. of International Relations, Central University of Kerala	20-22,2013	Paper presentation
	(UMISARC) Pondicherry University	February 14-16, 2013	Participation in international Conference
	Department of Defense and Strategic Studies, Punjab University	March 4-6, 2011.	Paper presentation
	Department of International Relations, Central University of Kerala, Kasargode	March 2014.	To deliver invited lectures
Bijulal M.V	CDS, Thiruvananthapuram	2011	Paper presentation
	IGNOU, New Delhi	2011	Paper presentation
	Pondicherry University	2011	Paper presentation



	State Institute of Rural Development	2014-15	Paper presentations
	University of Calicut	2017	Lecture
	Malabar College, Vengara	2017	Invited lecture
	University of Calicut	2017	Lecture
	IGNSA, New Delhi	2017	Paper presentation
	CDS, Thiruvananthapuram	2013-15	Paper presentation
	NSS College, Nattika	2015	Paper presentation
	Manjoor Panchayat	2011-2017	Resource person
	SD College, Kanjirappaly	2016	Keynote speaker in a national seminar
	University of Kerala	2013-16	Paper presentation
Lirar Pulikkalakath	JNU New Delhi	16-18 March, 2017 November 2014 October 2012 January 2012	Paper Presentation
	IGNOU New Delhi	22-23 March, 2017	Paper Presentation
	University of Calicut	June 2015	Orientation Programme
	Loyola College	October 2016	Training Programme
	SN College, Kollam	January 2017	Seminar Participation
	Unity Women's College, Manjeri	January 2017 February 2016 December 2015 February 2015 December 2014 October 2014	Chair/ Paper Presentation/ Resource person/ Invited Lecture



		December 2013 December 2012	
	Lion's Club, Kottayam	August 2016	Resource person
	Cooperative College, Kondotty	2014	Keynote address
	E.M.E.A College, Kondotty	February 2016	Paper Presentation
	MES College, Kodungalloor	January 2015	Paper Presentation
	Kerala University	October 2013 November 2016	Paper Presentation
	Alphonsa College, Pala	February 2014	Seminar Participation
	Government College, Malappuram	May 2012	Paper Presentation
	Darul Huda Islamic University	May 2012	Paper Presentation

b) International : 12

Name of the faculty	Name of the university/industry	Date	Purpose
K.M. Seethi	International Studies Association (ISA) annual convention at Louisiana, new Orleans, USA	8-21 February 2015	Paper presentation
	University of Cambridge, Cambridge	2-5 July 2013	Paper presentation
	Asia Research Institute, National University of Singapore, Singapore	22 October 2012	Consultation
	University of Malaya, Malaysia	21 October 2012	Consultation
	University of Exeter, Exeter, UK	16-20 July 2012	Paper presentation
	University of Cambridge, Cambridge	11-14 July 2012	Paper presentation



	Jinan National University, China	October 2011	Paper presentation
	The Catholic University of Korea, Seoul, South Korea	November 2011	Paper presentation
Girish Kumar R.	Millennium Conference, London School of Economics and Politics	2010	Paper presentation
	Robert Schuman Centre for Advanced Studies, EUI, Florence	28 th April, 2010	Paper presentation
	Swansea University, UK	14 June 2013	Invited Talks
C. Vinodan	Institute of Advanced International Studies, Sun Yat-sen University, Guangzhou, China	17-19 June ,2016	Participated in the 2016 Sino-Indian Cross Cultural Dialogues

26. Faculty serving in

a) National committees : 49

Sl.No	Name of Faculty	Details
1	AM Thomas	Professor in Charge of University Library, April to December 2012
		President, Mahatma Gandhi University Teacher Association.
		Member, Board of Studies, International Relations and Politics.
		Fulbright Campus Representative
		Member, Academic Council, Mahatma Gandhi University
		Member, Anti-Harassment Cell, Mahatma Gandhi University.
		Professor in Charge of University Library, April to December 2012
		President, Mahatma Gandhi University Teachers Association.
2	K M Seethi	Member, IQAC, Mahatma Gandhi University (2005-10)
		Coordinator (2009-), K.P.S. Menon Chair for Diplomatic Studies, Mahatma Gandhi University
		Member, Syndicate, Mahatma Gandhi University (2010-12)
		Asian Political and International Studies Association
		Indian Academy of Social Sciences
		International Studies Association (ISA), USA
		All Kerala Political Science Association
3	Girish Kumar R	Member, Steering Committee for conducting Students' Council Elections, Central University of Kerala, 2012



	Member, Board of Studies in International Relations and Politics, Mahatma Gandhi University
	Member, Committee on framing Students' Council Elections, Central University of Kerala, 2012
	Member, Committee on Framing the Act and Statute, Kerala Institute of Local Administration (KILA), Trissur, Kerala
	Member, Academic Council, Central University of Kerala
	Member, Committee on Framing the Act and Statute, Kerala Institute of Local Administration (KILA), Trissur, Kerala. Initiated on 26 September 2012.
	UGC Member, Governing Board, Midnapore College, West Bengal
	Convener, Syndicate Sub-committee on Academics and Research
	Member, Board of Studies, Central University of Gujarat
	UGC Member, Governing Board, Midnapore College, West Bengal
	Convener, Rules for framing Instituting of Ayyankali Chair, Central University of Kerala
	Member, School Board, School of International Studies, Central University of Gujarat
	Nodal Officer (International Students), Central University of Kerala.
	Convener, Rules for framing Instituting of Ayyankali Chair, Central University of Kerala
	Member, Syndicate, University of Kerala
	Member, International Relations Group, Govt. of Kerala.
	International Relations Association, Mahatma Gandhi University.
	Associate, Human Security Institute(Canada)
	Associate member, Institute of Defense Studies and Analysis(New Delhi)
	Member, IQAC, Mahatma Gandhi University
	Member, Rajiv Gandhi Chair for Public Policy Studies, Mahatma Gandhi University
	Member, Board of Studies in International Relations and Politics, Mahatma Gandhi University
	Board of Studies in Political Science, Kannur University
	Member, Board of Studies in Political Science, Kerala University
	Board of Studies in Political Science, Maharajas College (Autonomous College), Ernakulum
	Joint Director, University Centre for International Cooperation(UCIC), Mahatma Gandhi University
	Life Member, All India Political Science Association
	Life Member, Indian Association for Canadian Studies



	Alumni, Regional Centre for Strategic Studies(Sri Lanka)
	Member, Board of Studies in Political Science, Kerala University
	Board of Studies in Political Science, Maharajas College (Autonomous College), Ernakulum
	Joint Director, University Centre for International Cooperation(UCIC), Mahatma Gandhi University
	Member, Board of Studies in International Relations and Politics, Mahatma Gandhi University
	Member, Board of studies, CMS College, Political Science, Kottayam
	Member, Board of Studies in International Relations and Politics, Mahatma Gandhi University

b) International committees : Nil

c) Editorial Boards : 19

Sl.No	Name of Faculty	Details
1.	K M Seethi	<ul style="list-style-type: none">▪ South Asian Journal of Diplomacy▪ Indian Journal of Politics and International Relations▪ Journal of Political Economy and Fiscal Federalism
2.	A.M. Thomas	<ul style="list-style-type: none">▪ South Asian Journal of Diplomacy▪ Indian Journal of Politics and International Relations
3.	C. Vinodan	<ul style="list-style-type: none">▪ South Asian Journal of Diplomacy▪ Indian Journal of Politics and International Relations▪ Journal of Human Security(Canada)▪ South East Asian Journal of Social and Political Issues (Indonesia)
4.	Girishkumar R	<ul style="list-style-type: none">▪ South Asian Journal of Diplomacy▪ Indian Journal of Politics and International Relations▪ Annual Report 2012-13, Central University of Kerala▪ Prospectus 2013-14, Central University of Kerala, Kasargod.▪ <i>News Letter</i>, Central University of Kerala.
5.	M.V. Bijulal	<ul style="list-style-type: none">▪ South Asian Journal of Diplomacy▪ Indian Journal of Politics and International Relations▪ Dynamic Action (Magazine)
6.	Lirar Pulikkalakath	<ul style="list-style-type: none">▪ South Asian Journal of Diplomacy▪ Indian Journal of Politics and International Relations



d) any other (please specify reviewer, examiner, role as examiner, etc.) : 34

Sl.No	Name of Faculty	Details
1	A M Thomas	External Examiner, University of Kerala
		External Examiner, Central University of Kerala
		Examiner, Union Public Service Commission.
		Reviewer, Rational Discourse
2	K M Seethi	External Examiner, Central University of Gujarat
		External Examiner, University of Kerala
		External Examiner, University of Hyderabad
		External Examiner, University of Calicut
		External Examiner, JNU, New Delhi
		External Examiner, Jamia Milia Islamia, New Delhi
		External Examiner, University of Delhi, Delhi
		Reviewer of Millennium Journal of International Studies (London School of Economics and PS)
		External Referee of the Regional Centre for Strategic Studies, Colombo
3	Girish Kumar R	External examiner, central University of Kerala
		External examiner, University of Kerala
		External examiner, Pondicherry University
4	C Vinodan	External Examiner, Jawaharlal Nehru University (JNU), New Delhi
		External Examiner, Central University of Pondicherry
		External Examiner, University of Kerala
		External Examiner, University of Kannur
		External Examiner, University of Calicut
		External Examiner, Central University of Hyderabad
		External Examiner, Central University of Kerala
		External Examiner, University of Madras, Chennai
		International Reviewer, International Journal of Public Policy (UK)
		International Reviewer, President, Journal of Challenges in Sustainability (Switzerland)
		International Reviewer, International Journal of Public Policy (UK)
5	M V Bijulal	External Examiner, MPhil, University of Gujarat
		Question paper Setter, Political Science, University of Kerala
		Question paper setter, State Eligibility Test (SET), Political Science
6	Lirar Pulikkalakath	External Examiner, MPhil, JNU, New Delhi
		Question paper Setter, West Asian Studies, University of Calicut
		External Examiner, MPhil, JNU, New Delhi



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Orientation Programme : 2

Sl.No	Name of Faculty	Details of programme
1.	Lirar Pulikkalakash	90 th Orientation Programme, University of Calicut in 2014
2.	Bijulal M.V	Orientation programme

- Refresher : 2

Sl.No	Name of Faculty	Details of programme
	Girish Kumar R.	▪ Refresher course
	Bijulal M V	▪ Refresher course

- Staff training : 5

Sl.No	Name of Faculty	Details of programme
1.	Girish Kuamr R	Refresher
2.	M V Bijulal	▪ Orientation ▪ Refresher
3.	Lirar Pulikkalakash	▪ Orientation, University of Calicut (2014)

- Staff training by other institutions : 1

Sl.No	Name of Faculty	Details of programme
	Lirar Pulikkalakash	Fostering Linkages in Academic Innovation and Research (FLAIR) Training, Thiruvananthapuram (2016)

- HRD Programmes : 0

- FIP : Nil

- Workshops : 4

Sl.No	Name of Faculty	Details of programme
	A M Thomas	<ul style="list-style-type: none"> • United States-India Educational Foundation, “Workshop on Building Partnerships,” Chennai, 22-23 February 2011
	Girish Kumar	<ul style="list-style-type: none"> • Workshop on ‘Biodiversity Conservation of River Pampa’ at Pathanamthitta on September 19th 2012 • All-India American Studies Workshop, September 20-21, 2012, UNESCO Chair for Peace and Intercultural Understanding, Malaviya Centre for Peace Research, Banaras Hindu University & Public Affairs Section, U.S. Embassy, New Delhi at Benares Hindu University
	Lirar Pulikkalakash	<ul style="list-style-type: none"> ▪ Workshop on NAAC accreditation process by IQAC, MGU (2016)



28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	100 %
Percentage of students doing projects in collaboration with other universities / industry / institute	Nil

29. Awards / recognitions received at the national and international level by

a) Faculty : 42 Awards/ recognitions

Name of the faculty	Details
A M Thomas	Dean, Faculty of Social Sciences, Mahatma Gandhi University
	Chairman, Centre for Indian Diaspora Studies
	Member, South India American Studies Network
	Director, School of International Relations and Politics
K M Seethi	Director (2013-2016) School of International Relations and Politics Mahatma Gandhi University, Kottayam-Kerala, India
	Chairman (2010-14, 2014-17) Board of Studies in Political Science, Mahatma Gandhi University
	Chairman (2014-17) Board of Studies, School of International Relations and Politics Mahatma Gandhi University
	Chairman (2009-) Centre for Cross-National Communication in South Asia (CCCSA) School of International Relations and Politics Mahatma Gandhi University
	Director of Research (2010-12) Mahatma Gandhi University
	Honorary Director (2012-) KN Raj Centre for Planning and Centre-State Financial Relations Mahatma Gandhi University
	Dean (2010-13) Faculty of Social Sciences Mahatma Gandhi University
	Resource person, Academic Staff College, University of Kerala
	Resource person, Academic Staff College, University of Calicut
	Resource person, University of Delhi, New Delhi
	Resource person, Jamila Millia Islamia,
	Resource person, Sikkim Central University, Sikkim.



Girish Kumar R.	Dean, School of Humanities and Social Sciences, Central University of Kerala
	Dean, Centre for International Co-operation, Central University of Kerala
	Chair Professor, Centre for WTO Studies, Central University of Kerala
	Head, Department of International Relations, Central University of Kerala
	Framed Rules and Regulations for Admission of foreign students and Student/Faculty exchange programme on October 17 th and November 10 th 2012. The rule framing Committee included Prof. Jacob Chacko (Dean), Prof. GM Nair (Dean) and Mr. Krishnamurthy (ICCR).
	Chairman, Board of Studies, Central University of Kerala
	Head of the Department, Department of International Relations, Central University of Kerala
	Chairman, Centre for Trade, Development and Governance (C-TDG), School of International Relations and Politics, Mahatma Gandhi University, Kottayam
	Media Relations Officer, Central University of Kerala
	Jean Monnet Fellow, Robert Schuman Centre, <i>European University Institute</i> , Florence, Italy.
	<i>ICSSR Fellow, Indian Law Institute</i> , New Delhi,
	<i>Cambridge-Pavate Fellow</i> , 2007, Sydney Sussex College, <i>University of Cambridge</i>
	Chairman, Centre for Trade, Development and Governance, School of International Relations and Politics, <i>Mahatma Gandhi University</i> , Kottayam, Kerala 2009-12
<i>Fulbright Fellow</i> , 2000, at George Washington University Law School, Washington DC, USA	
C. Vinodan	Coordinator, Rajiv Gandhi Chair for Public Policy Studies
Bijulal M.V	Judge, District youth festival, Alappuzha (2016)
	Kerala Coordinator, Campaign for Electoral Reform (CERE)
	Chairman, Centre for West Asian Studies, School of International Relations and Politics
	Question paper Setter, West Asian Studies, University of Calicut
Lirar Pulikkalalth	Judge, inter collegiate debate competition on demonetization, BCM College, Kottayam (2017)
	Coordinator, CH Mohammed Koya Chair, Mahatma Gandhi University
	Coordinator, Tourism Club, Unity Women's College, Manjeri (2013-14)



	Coordinator, IQAC, School of International Relations and Politics
	Resource person, NSS Unit, UWC, Manjeri
	Treasurer, Alumni Association of JNU, Kerala Chapter
	Resource person, Lion’s Club, Kottayam
	Internship, Fostering Linkages in Academic Innovation and Research (FLAIR) Training, Department of Higher Education, Government of Kerala.

b) Doctoral / post-doctoral fellow Postdoctoral fellows: 1 post-doctoral fellow

Name of the Doctoral / post-doctoral fellows	Details/ Topic
Anju Lis Kurian	Climate Change And Environmental Governance: A Study On The Livelihood, Issues In Western Ghats Region Of Kerala

c) Students : 2 Awards

Name of the student	Details
Anju Lis Kurian	Young Political Scientist Award,
Geethika G	Commonwealth Fellowship, University of Manchester,

30. Seminars/ Conferences/Workshops/ Colloquiums organized and the source of funding (national /International) with details of outstanding participants, if any.

a) National : 6

S.L. No	Seminars/ Conferences/Workshops	Source of funding	outstanding participants
1.	South Asian Regional Conference on “Engaging South Asia: Challenges and Opportunities of New Diplomacy on 27-28 March 2014.	KPS Menon Chair for Diplomatic Studies, School of International Relations and Politics UGC	
2.	Symposium on “The Legacy of Nelson Mandela,” Nelson Mandela Day 2013, School of International Relations, and Politics, 10 December 2013.		
3.	The Nelson Mandela Chair organized a National Seminar on “Understanding China: Indian Perspectives” on 27-28 February 2015	Chennai Centre for China Studies and the Institute for Contemporary Chinese Studies (ICCS), UGC Area Studies Centre at Mahatma Gandhi University.	Sri. Venu Rajamony IFS, senior diplomat in the Ministry of External Affairs, currently Press Secretary to the President of India, delivered the keynote address.



			Prof. Srikanth Kondapally (Jawaharlal Nehru University), Prof. Madhu Bhalla (Delhi University), Prof. Jia Haitao (Jinan University, China), Sri. Murali Nair (former Consul of India, China), Sri. Hormis Tharakan (former Chief of RAW)
4.	Colloquium on "Travails of Political Transition in Iraq and Egypt" Friday, 27 June 2014	Centre For West Asian Studies, School of International Relations and Politics	Prof Ninan Koshy, Dr. A.K. Ramakrishnan, Professor of West Asian Studies, Jawaharlal Nehru University.
5.	Panel discussion on the theme, "Kerala vs Gujarat: Which Model is Right for India" as part of Rajya Sabha TV's regular programme "India Interacts" on 11 September 2013.		Mr. Mani Shankar Aiyar, former Union Minister and Member of Rajya Sabha, Mr. Sheshadri Chari, BJP National Executive Member and former editor of <i>Organiser</i> , Mr. K.N. Harilal, Associate Fellow, Centre for Development Studies and Mr. John Samuel, Public Policy expert and Bharat Bhushan, Senior Journalist, New Delhi.



b) International

: 7

Sl.No	Seminars/ Conferences/Workshops	Source of funding	outstanding participants
1.	The Rise of China: Policy Parameters and prospects”, 1-3 November 2012.	the Institute for Contemporary Chinese Studies,	Hormis Tharakan, Former Chief, RAW V. Suryanarayanan, Nelson Mandela Chair for Afro-Asian Studies.
2.	Arab World: March Towards Democracy” on 4-5 February 2013 The Conference	Ministry of External Affairs, Government of India, the Indian Council of World Affairs, and Kerala State Higher Education Council.	India’s Foreign Secretary Sri. Ranjan Mathai.
3.	The Political Transition in China and the United States: Implications for India on 28 February 2013	Chennai Centre for China Studies, Institute of Contemporary Chinese Studies	Prof. Jia Haito, Jinan University, China, Prof. Steve Hook, Kent University, USA, Prof. Srikanth Kondappalli, JNU, Sri. Murali Nair, former Indian Consul in China, Sri./ Kim Jingwoog, South Korea, Ambassador K.P. Fabian et al.
4.	"Annual Lecture 2013" on India’s Regional Role with Special Reference to Developments in Afghanistan and the New Leadership in Pakistan and China” on 16 August 2013.	School of International Relations and Politics	Prof. Walter Russell Mead
5.	IR Special Lecture on the theme "Global Growth to 2050: Demographic Trends and World Order" on 5 September 2013.	School of International Relations and Politics.	Prof. Adam Webb, Resident Professor of Political Science, Johns Hopkins University Hopkins Nanjing Centre, China
6.	Symposium on “The Legacy of Nelson Mandela,” Nelson Mandela Day 2013, 10 December 2013.	School of International Relations, and Politics,	Prof. Mathew Palamattom, faculty member in the University of South Africa and former President of All South African Malayalee Association,



7.	Engaging Diaspora: Challenges and Opportunities” on March 23-24, 2015.	Nelson Mandela Chair for Afro-Asian Studies and the Institute for Contemporary Chinese Studies	Ambassador T.P. Sreenivasan, Vice Chairman, Kerala State Higher Education Council, who was Indian Ambassador in Fiji, Myanmar and Kenya where a substantial number of Indians live. The keynote address was delivered by Shri N Narsimhan, former Secretary to the Government of India.
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31. Code of ethics for research followed by the departments:

The School has a code of ethics with regard to research. No close relations are encouraged to do research with supervisors. The researchers are advised to do plagiarism checks with regard to dissertations submitted and articles published. With regard to MPhil/ Ph.D dissertations, the School insist that the scholars submit their work to the plagiarism check mechanism installed in the University library and obtain the requisite certificate. Only on receiving this certificate will the school proceed with the formalities of submission.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA P& IR	545	49	31	90%	96%
MA P& HR		14	9	90%	100%
MA P (PPG)		13	11	90%	100%
MPhil	95	28	24	90%	90%
Ph.D		19	15	NA	NA



33. Diversity of students				
Name of the Programme (refer to question no. 4)	% of students from the Same University	% of students from other Universities within the State	% of students from universities outside the State	% of students from other countries
MA P& IR	69%	22%	2.6%	5.2%
MA P& HR	81%	18%	Nil	Nil
MA P (PPG)	83%	12.5%	4%	Nil
MPhil	60%	40%	Nil	Nil
Ph.D	80%	14.29%	5.71%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl.No	NET/ JRF Qualified	Civil service	SET	Others PSC
1.	11	Nil	3	Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	62.5%
PG to Ph.D.	33.3%
Ph.D. to Post-Doctoral	5%
Employed	Academic- 40% Media/ Legal/ Private- 40% Government/ Civil Service/ Diplomacy- 20%
Campus selection	Nil
Other than campus recruitment	
Entrepreneurs	Nil



36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	0
from other universities within the State	60
from universities from other States from	40
universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Yes,

Name of the Faculty	Degree awarded	Details
M V Bijulal	Ph.D	Jamia Milia University, New Delhi (2015)

38. Present details of departmental infrastructural facilities with regard to

a) Library	Available,7732 books+ back volumes of International Journals
b) Internet facilities for staff and students	Available
c) Total number of class rooms	3
d) Class rooms with ICT facility	Yes
e) Students' laboratories	Nil
f) Research laboratories	Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university :

Sl. No	Name & Address	Topic	Guide	Full Time/ Part Time	Total
1	G.Geethika Narayanamangalam Thadiyoor P.O Pathanamthitta-689547	IPR's International Conventions and TRIPS: The Indian Experience	Raju K.Thadikkaran	Part Time	6
2	Punnose mathen Muttathukara Puthenchantha P.O Vakathanam Kottayam	Post Mao Reforms in the PRC with Special Reference to the Special Economic Zones (SEZ): The Chinese Experience	Raju K.Thadikkaran	Full Time	
3	Byju P.Babu	Information and Communication Technology and Social Development in Developing Counties with Special Reference to India (International Relations)	Raju K.Thadikkaran	Full Time	
4	Vinu.J.George Puthiakulangara Palampra P.O Kanjirappally	Intellectual Property Rights and the New Security Challenges: Indian Experience in the protection of Bio Diversity Related Traditional Knowledge	Raju K.Thadikkaran	Full Time	
5	Antony P.W Pokkath Pizhala, Ernakulam- 682027	Internationalisation of Higher Education in India and China with Special Reference to the State of Kerala and Gundong Province	Raju K.Thadikkaran	Full Time	
6	Siby Thomas St.George Catholic Church Seethathodu Pathanamthitta	Internationalisation of Higher Education: The South Korean Experience	Raju K.Thadikkaran	Full Time	
7	Remanan R.P "Hrudaya" Thanneermukkom P.O Alappuzha-688527	Right to Education: Constitutional Status and emerging challenges	K.M.Seethi	Part Time	11



8	Ampili.T Pakkallithara Thekkethil Thiruvanvandoor P.O Chengannur-689109	Political Economy of Regionalism The Indian Experience in the Post-Cold War era	K.M.Seethi	Full Time
9	Sasikumar V.K Vallikattu House Ezhumanthuruthu P.O Muttuchira Kottayam-686613	State and Ethnicity in /south Asia: A case study of Sinhala Nationalism in Sri lanka	K.M.Seethi	Full Time
10	Ramakrishnan T.K Sooryakanthi Koottuli P.O Calicut-673016	Unesco and the global information order:A study on the Politics of Communication and Information	K.M.Seethi	Part Time
11	Sudheep M.S Maruthapathickal House Kuninji P.O Nellappara Kottayam-686576	Islam, State and Nation Building: A study on the systematic Crisis in Pakistan	K.M.Seethi	Full Time
12	Priya M.V Flat No.6 Bharani Apartment I main Road Raja Annamalaipuram Chennai-600028	Foreign Policy of China in the Post Mao Period: A study on China Asia Pacific Strategy	K.M.Seethi	Part Time
13	Rigi Idiculla Kallamannil House West Othara P.O Pathanamthitta-689551	Human Security and Ageing Women in Kerala: A Case Study of Pathanamthitta	K.M.Seethi	Full Time
14	Aparna.C Vellarayil Kannickal P.O Moolamattom	Democratisation and Governance inNepal: Persisting Issues and Challenges	K.M.Seethi	Full Time
15	Muhammed Thalhat M Mandody House Moodathazhikkal Paramba,Feroke P.O Calicut-673631	Politics of Images in International Relations: A comparative Study of Egyptian Uprising and Israeli-Palestine Conflict	K.M.Seethi	Full Time
16	Ashok Alex Luke Vettikkattu House Kizhakktheruve P.O Kottarakkara Kollam-691531	US – China Relations in the Post 9/11 Global Order: A Study with Special Reference to Asia – Pacific Region	K.M.Seethi	Part Time



17	Parvathy Devi K Kannankara House Vadavathoor P.O Kottayam	Foreign Economic Policy Making in India	K.M.Seethi	Full Time	
18	Anoop.R “Hrudaya” Thanneermukkom P.O Alappuzha-688527	The Right to Health: Tobaccs Use in India with Special Reference to Kerala	A.M.Thomas	Full Time	4
19	Thomas C.S Chackalayil House Cathedral View Changanerry-686101	Judicial Supremacy in India: Expanding Powers of the Supreme Court of India	A.M.Thomas	Part Time	
20	Asha Rani P.L Pazhukkarayil Eramallur P.O Alleppey-686537	Gender, Conflict and International Relations : A Study with Special Reference to Women in Jammu & Kashmir	A.M.Thomas	Full Time	
21	Shibu E.V Karakattu Kunnel Vakathanam Kottayam	Media and its National emergency in India: The Issue of Family Planning	A.M.Thomas	Full Time	
22	Raju John Kunnath Poothrikka Ernakulam-682 308	Changing Dynamics of Emigration: A study on Kerala	A.M.Thomas	Full Time	
23	Navas M Khadar Mariyil House, Allapra P.O Perumbavoor Ernakulam – 683 556	Migrant Labour in the Plywood Industry of Kerala. A Human Rights Perspective	A.M.Thomas	Full Time	
24	Simi Joseph Carmelaram Convent Arunapuram P.O Pala – 686 574	Post-Structuralism and International Relations Theory: A Study on Richard Ashley’s Re- Reading of International Relations	A.M.Thomas	Full Time	
25	Viswam Mathew Chalil House Kadavoor P.O Panamkara Ernakulam-686671	Univeralisation of Elementary Education: A Case Study with Special Reference to Sarvasiksha Abhiyan Programme in Kerala	Girish Kumar.R	Full Time	



26	Sebastian A.Mathew Arattukulangara North of Railwaystation Road Ettumanoor P.O PIN-686631	General Agreements in Trades in services (GATS) and India: A study on the telecommunication sector	Girishkumar.R	Part Time	4
27	Rajesh M Kalluvettumkuzhi Thazhamel, Anchal P.O Kollam-691306	India's National Innovation System in the Post Liberalisation Period: A Study with Reference to ICT Diffusion in the Agriculture Sector	GirishKumar.R	Full Time	
28	Ajay M.G Mathangamakel House Kothanalloor Kottayam-686632	River Governance and Local Administration: A Case Study of River Pamba	Girish Kumar.R	Full Time	
29	Dinoop K Kalathumkandi (H) Chenakkalangi P.O Thenchippalam (via) Malappuram – 673 636	International Migration	Girish Kumar.R	Full Time	
30	Syama Muralidharan Murali Sadhanam, Kattoor P.O Pathanamthitta – 689 650	Mergers and Acquisitions in Indian Pharmaceutical Industry	Girish Kumar.R	Full Time	
31	Gelina V.P Ponniyam West P.O Thalassery Kannur-670641	Terrorism and Displacement in Kashmir: A study on the Problems of Rehabilitation of the Kashmir: Pandits	C.Vindoan	Full Time	
32	Asharaf.P Parappure House Chenoli P.O Perambra Kozhikode	Migration and Social Change: A study on gulf Migration and its impact on the Sociopolitical Life of the Muslims in Kerala	C.vinodan	Full Time	
33	Jithuraj M.S Madathikudiyil House South Marady P.O Muvatupuzha-686673	Proliferation of small arms and human security in south Asia: A study with reference to India	C.Vinodan	Part Time	
34	Leena Merlin Shade State Bak colony Road Pattari P.O Kozhikodu-673016	United states nuclear strategy in South Asia: A study on U.S. Policy towards India	C.Vinodan	Full Time	



35	Shibu M.George Mundaplackamannil House Kunnamthanam P.O Thiruvalla-689581	Sustainable Development and Energy Security – A Comparative Study of India and China	C.Vinodan	Full Time	13
36	Gigish Kumar V Gigish Bhavan Paliakkara Palace Road Thiruvalla-689101	Right to Information and Governance at the Local Level: A Study with Special Reference to Kerala	C.Vinodan	Full Time	
37	Rajesh Kuniyil Koiiothkandythazhakani Kozhikode	Nuclear Deterrence ion Trilateral Settings: Strategies of India, Pakistan and China	C.Vinodan	Full Time	
38	Lakshmi.S Lakshmi vihar Moolavattom P.O Pakkil, Kottayam- 686012	External Dynamics of Sino-Indian Relations After the Cold War: A Study on the US and Pakistan Factors	C.Vinodan	Full Time	
39	Sijin C.P Chentrathara Thalayazham P.O Vaikom, Kottayam	Human Security and Democratic Governance in the Post-Taliban Afghanistan: A Study on the Role of the United States	C.Vinodan	Full Time	
40	Simon V.S Vattapparambil Onakkoor Kakkayam, Ernakulam	State, Governance and Human Security in India: A Study with Special Reference to Maoist Movement in Telangana	C.Vinodan	Full Time	
41	Sajeevkumar M.V Rajeev Nivas Naduvil P.O Kannur-670582	Rural Livelihood Security in Kerala: A Study on the Impact of Mahatma Gandhi National Rural Employment Guarantee Scheme	C.Vinodan	Full time	
42	Vivek C.K Rekha Chittarikovil Kandoth P.O Payyannor, Kannur- 670307	Disaster Risk Reduction (DRR) in South Asia: A Study on School Based DRR Programme in Afghanistan	C.Vinodan	Full Time	



43	Jyothi Lakshmi M.A Koduvathara House Vadayar P.O Thalayolaparambu Kottayam-686605	Micro-Finance and Livelihood Security in Kerala	C.Vinodan	Full Time	
44	Priyesh C.U Choothamparambil House Panambukad Vallarpadom P.O Ernakulam-682504	Non-Governmental Organisation, social Justice and Destitute Children in Kerala: A study as Janasree Sisubhavan and SOS village	Venugopal B.Menon	Full Time	10
45	Pradeep Joseph Karackavayalil Velathussery P.O Marady, Kottayam- 686580	The Tamil question in Sri Lanka: A Study on the Reporting of the Ethnic Conflict in the Indian Media	Venugopal.B.Menon	Full Time	
46	Soumya T.S Kakkanattu House Thalayolaparambu Vaikom, Kottayam- 686605	Chinas South Asia Policy: A study on Sino-Nepal Relations	Venugopal.B.Menon	Full Time	
47	Aneesha P.A Padayat Poyil House Peruvannamuzhi, Chempanoda P.O Calicut-673528	Political Participation of Woman in the Guld – Comparative Study of Kuwait Baharin & Saudi Arabia	Venugopal B.Menon	Full Time	
48	Sujith Sundaran Choorakuttickal Chenganoor Pathanamthitta-689544	Identity Assertion in Kerala, A Study on Prathyksha Raksha Daiva Sabha (PRDS) Continuity and Change	Venugopal B.Menon	Full Time	
49	Blessy Paul.C Cheruvathar House Pazhuvil P.O Thrichur-680564	India's Energy Security: The Gulf Factor	Venugopal.B.Menon	Full Time	
50	Stanly T.Chacko Thuruthil House Thalavady P.O Alleppey-689572	Migration and Human Security in south Asia: A Study on Issues in India – Bangladesh relations	Venugopal B.Menon	Full Time	
51	Sandhya V.S Veluthapurackal Kodungallur Trichur	Communalism and Changing Political Dynamics: A Study on Kodungallor	Venugopal B.Menon	Full Time	



52	Saneesh P.T Puthenpurackal Chinnar P.O 4 th Mile, Kaverimala Elappara	Tribal Development Programmes in Keraka: An Impact Assessment Study of the Paniya and Mannan Settlement in Idukki and Malappuram	Venugopal B.Menon	Full Time	
53	Sheeja Mathai Puthussery House Kidangoor P.O	Development and Displacement in Kerala: A Study on the Displaced People in Nedumbassery	Venugopal B .Menon	Full time	
54	Biju Joseph PLamthoppil House Nalukody P.O Changanacherry-686548	Social exclusion and Human Rights: A Case Study of People Living with HIV/AIDS in Kerala	Sreekantan Nair	Full Time	
55	Reghunath V Sivalayam Perunna P.O Changanacherry-686102	Political Mobilisation of SC's & ST's in Kerala: A Case Study on Land Rights Movements	Sreekantan Nair	Part Time	5
56	Varghese A.K Adivallil Kurukappilly P.O Kolencherry-682311	Right to Life and Environmental Issues in Kerala: A Case Study of Periyar River Contamination and its after effects	Sreekantan Nair	Full Time	
57	Grace Peter CSI Parsonage Alumpedika Ochira, Kollam	The Scottish Question: Critical Issue in Sub- State Nationalism in the United Kingdom	Sreekantan Nair	Full Time	
58	Ashitha.R Thekkethumpayil Niranam P.O Kadapra Pathanamthitta-689621	Counter Terrorism Measures in India: Implications for the Civil Liberties Discourse	Sreekantan Nair	Full Time	
59	Sheeba Abraham Kuthivalachel House Veliyannoor P.O Kottayam-686638	Changing Land use pattern in Kerala A Study with Special Reference to Pady Fields	V.Mathew Kurian	Part Time *	
60	Anooja Chacko Chamakalayil House Muthalakodam P.O Thodupuzha	The impact of Deforestation on the Adivasis of Kerala: A Study with Special Reference to "Mannans" in Iddukki District.	V.Mathew Kurian	Full Time *	



61	A.D.Manikandan Alungal House Edassery Beach Talikulam Trichur-680569	Land Degradation, Ecological Restoration and Tribal Livelihood in Attapady, Kerala	V.Mathew Kurian	Full Time *	8
62	Jaya Sadasivan Mmthundathil Kattachira Kottayam	Labour Dynamics of Inward Migration in The construction Sector in Kerala	V.Mathew Kurian	Full Time *	
63	Winson Thomas Vallyanal Madappally P.O Kottayam	Economics of Geographical Indications and its implication for Producers: A Study with Reference to Kerala	V.Mathew Kurian	Full Time *	
64	Anuraj K.R Kallamparambil Moonilavu Kottayam	Food Security in Kerala: A Study on its Evolution and Challenges	V.Mathew Kurian	Full Time *	
65	Alan Zacharia Thayil House Edamattom P.O Pala, Kottayam	Labour Economics	V.Mathew Kurian	Part Time *	5
66	Linda George Padamattumel Kottayam	Financial Inclusion and Regional rural Banks: A Study with Reference to Kerala Gramin Bank	V.Mathew Kurian	Full Time *	
67	Arunkumar.A Lekshmi Nivas Kelamangalam P.O Thakazhy-688562	Water amd Human Rights: A Study on Jalanidhi Project in Kerala	Benny Joseph	Full Time	
68	Lijoy Thomas Pulickal Kappumthala P.O Kottayam-686613	Challenges of Social Inclusion in Higher Education: A Study eith Reference to Dalits in Kerala	Benny Joseph	Full Time	
69	Jipson V.Paul Vadakumcheril Ramamangalam Ernakulam	Educational entitement of Tribals in Kerala: A Comparatie Study of Kurichiyas and Paniyas of Wayanad	Benny Joseph	Full Time	
70	Rino Mathew Thekkanam Kunnel Punnathara West Kottayam	Civil Rights Movements in Manipur: A Study on Irom Sharmila's Struggle	Benny Joseph	Full Time	



71	Sandhya Sebastian Parayil House Edanadu P.O Pala-686574	Gender, Violence and Human Security: A Case Study of Kerala	Benny Joseph	Full Time	
72	Dinaraj K C Kolliyil House, Kaipuzha P.O Kottayam Dist – 686 602	Human Rights and Environment Movement in Kerala: A Study with special reference to Western Ghats	Benny Joseph	Full Time	
73	Shiraz Shanavas White Cottage (H) I.E.Nagar P.O Madukummoodu Changanacherry 686 106	Migrant Workers and Human Security – A case study of Kerala	Benny Joseph	Full Time	
74	Arif P.T Paramthuda Vayal Payyoli Angadi P.O Kozhikode-673523	Environmental Pollution & The Right to Health: A Study on Nitta Gelatin in Kerala	Bijulal M.V	Full Time	2
75	Kannan M B Madanichire Kapickad Kollam P.O 686 611	Dalit Consciousness in Kerala: A study on the Kurichy struggle	Bijulal.M.V	Full Time	
76	Jadeeda K Manappatt Mankavu P.O Calicut – 673 007	Economic and social status pf return emigrants from the United Arab Emirates (UAE): A Study on Malappuram district in Kerala	Bijulal.M.V	Full Time*	
77	Renjith K.R Konattu House, Manjoor P.O Kottayam – 686 603	Constitutional Reform and Religious Politics in Tunasia: A Study on Gender Discourses	Bijulal.M.V	Full Time	
78	Bibu V.N Maruthamangalathu Illam Malloosery P.O, Kottayam	New Media and Democracy: A Study of online Media and Indian Public Sphere	A.K.Ramakrishnan	Part Time	1
Post-Doctoral					
1	Anju Lis Kurian ()	Climate Change And Environmental Governance: A Study On The Livelihood, Issues In Western Ghats Region Of Kerala	C Vinodan	Full time	1

* Economics



40. Number of post graduate students getting financial assistance from the university:
155

Period 2010-16

Fellowship	Number
E grants	155
RGNF	
Other	

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, before starting the MA Politics (PPG), the School was aware of the demand of including Public Administration and Public Policy courses in the ongoing MA Programmes. This was one area of Political Science which was not represented in the syllabi. Therefore when the UGC advertised for the starting of innovative programmes, the School made the best use of the opportunity and submitted a successful proposal.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, by discussing the issue at the level of the Faculty Council and the Board of Studies
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	There is student evaluation of teachers which is done regularly. Teachers make use of this feedback to improve their teaching skills and methodology as well as to make changes in the syllabus
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Alumni of the School reflect on the kind of instruction that ease imparted to them and suggest improvements based on the experiences they have received in other educational institutions. These are taken into account while making changes to syllabi and teaching methods



43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position	Remarks
1.	B.S. Tirumeni IAS	District Collector, Wayanad, Kerala	
2.	Dr. A.K. Ramakrishnan	Professor, School of International Studies, JNU, New Delhi.	
3.	T. Rajah Balaji IPS	Central Bureau of Investigation	
4.	M.H. Ilias Hussein	Professor, Jamia Milia Islamia, New Delhi	
5.	Dr. Happymon Jacob	Associate Professor, JNU, New Delhi	2 more Associate Professors in JNU & 1 Associate Professor each in Jamia Milia Islamia, New Delhi, University of Baroda & Sikkim Central University
6.	M.S. Sreerekha	Assistant Professor of Women's Studies, University of Virginia, USA	
7.	Dr. Binitha Thampi	Assistant Professor, IIT, Chennai	
8.	Roopa Rachel Kuruvilla	Senior Chief Editor, Khaleej Times, Dubai	
9.	Mathews George Chunakkara	Executive Director, International Affairs, World Council of Churches, Geneva	
10.	Dr. Shahul Hameed	Chief of China Desk, Confederation of Indian Industry (CII)	
11.	Ta Minh Tuan	Direct General and Assistant to the Deputy Prime Minister, Government of Vietnam, Hanoi.	

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

The School along with the formal curricula creates opportunities for students to interact with academics and experts associated with other Universities and Institutions particularly in connection with their visits for seminars, workshops, special lectures, erudite lectures, internships etc.

45. List the teaching methods adopted by the faculty for different programmes:

- Interactive classroom discussions involving free exchange of views are held.
- Power point/ internet facilities are utilised.
- Film/ documentary screening are the regular feature of the syllabi.
- Latest local, national and international issues are discussed at the forums of the School.
- The International Relations Association, Human Rights Association, etc are such forums.



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :

The best feedback comes from students as well as the external examiners who value the answer scripts and dissertations of the students. Their feedback is taken into account. In addition teachers consult their peers in other universities with regard to the content of the syllabus. Dissertation topics are often chosen by students on the basis of their interests, exposure to topics through special lectures and interaction with external experts. These help in improving the overall content of the programmes.

47. Highlight the participation of students and faculty in extension activities:

The State Institute of Rural Development projects regarding MGNREGS have given a great opportunity for students to engage in extension activities. Those students who participated were fully involved in assessing the efficacy of the program and preparation of the evaluation report. This helps them in sharpening their analytical skills. The faculty of the School regularly offer lectures in neighbouring colleges, institutions of research etc.

48. Give details of “beyond syllabus scholarly activities” of the department:

The seminars, symposia, colloquia, special lectures, film festivals, etc provide ample opportunities for students to think and act beyond what is offered in the class room and in the formal syllabus. The IRA, the HRA etc are some forums where these are realised.

49. State whether the programme/ department is accredited/ graded by other agencies?

If yes, give details:

No formal accreditation by other agencies has been received. However, the School has definitely built a reputation for itself.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The syllabi of the program take into account new developments in the disciplines. These are translated into realities when syllabi are updated and modified. The research topics being selected at the various programs are reflective of the new areas of knowledge.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Eminent alumni holding different offices serving the society.
- Regularly conducting Diplomatic Lecture series inculcating new knowledge.
- Good use of library and other learning resources.
- The School publishes journals of international significance.
- Diversity of the students and faculty and linkages with international institutes.



Weaknesses

- Lesser faculty strength.
- Lack of state of the art classrooms.
- Inadequate administrative support staff.

Opportunities

- Presence of centres within the School which specialise in select areas.
- Support and encouragement of Alumni.
- More student support and placement initiatives.

Challenges

- Lack of financial resources.
- Inadequate living facilities for students and teachers which prevent interaction outside office hours.
- Lack of international students' hostel.

52. Future plans of the department:

In the coming years, the School wishes to strengthen its existing Centres. This will provide greater vibrancy in the School. The School plans to streamline the publications of its existing journals. It also wishes to widen its catchment area of students to include those from outside the state and international students. Infrastructure of the School will have to be improved and the numbers of faculty members have to be increased to make this possible.



SCHOOL OF LETTERS

1.	Name of the Department	:	School of Letters		
2.	Year of establishment	:	1988		
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Language and Literature		
4.	Names of Programmes offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	1. M A Malayalam 2. M A English 3. M.Phil Malayalam 4. M.Phil English 5. M.Phil Theatre Arts 6. Ph.D Malayalam, English, Theatre Arts, Comparative Literature, Fine Arts		
5.	Interdisciplinary programmes and departments involved	All programmes are interdisciplinary in nature while our activities are marked by interaction with School of Social Sciences and School of International Relations. Moreover most of the Schools of the University are involved in the Open Course for MA MSc students.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	Students of the ASPIRE programme from other universities in Kerala undertake their project work under the supervision of School of Letters faculty.			
7.	Details of programmes discontinued, if any, with reasons	Nil			
8.	Examination System	Semester (Choice Based Credit System)			
9.	Participation of the department in the courses offered by other departments	Two Open courses offered by us for students from other departments.			
10	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)		Sanctioned	Filled	Actual(including CAS & MPS)
		Professor	1	1	2
		Associate Professors	2	1	1
		Asst. Professors	7	4	4
		Others	-	-	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 6 years
Prof. V C Harris	MA, M.Phil, Ph.D	Professor	American Poetry, Film Studies, Literary Theory	31	M.Phil: 12 Ph.D: 2
Prof. P.S Radhakrishnan	MA, Ph.D	Professor	Literary Criticism, Film Studies	20	M.Phil: 12
Dr. K M Krishnan	MA, Ph.D	Associate Professor	American Literature, Fiction Studies	27	M.Phil: 12 Ph.D: 2
Dr.Saji Mathew	MA, M.Phil, Ph.D	Asst. Professor	Translation Studies, Indian Writing in English	13	M.Phil: 6
Dr. Jose K Manuel	MA, Ph.D	Asst. Professor	Film Studies, Indian Aesthetics	10	Ph.D: 3 M.Phil:12
Dr.HarikumarS.	MA, Ph.D	Asst. Professor	Literary Historiography, Poetry	6	M.Phil: 10
Dr.Aju K Narayanan	MA, Ph.D	Asst. Professor	Folkloristics Cultural Studies	9	Ph d 8 Mphil 3

12. List of senior visiting fellows, adjunct faculty, emeritus professors

- Dr.P.P.Raveendran – Emeritus Professor
- Dr.Scaria Zacharia – Visiting Professor

13. Percentage of classes taken by temporary faculty – programme-wise information : 25 %

14. Programme-wise Student Teacher Ratio

- PG Programme : 6:1
- M.Phil Programme : 3:1
- Ph D Course work : 2:1
-

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Office staff : 3
- Library staff : 1

16. Research thrust areas as recognized by major funding agencies



Interdisciplinary studies in Literature and Culture

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

a) national

Sl No.	Name of Professor	Project title	Agency	Amount received in Lakhs (₹)
1	Dr Harikumar S	Creation of a web portal about Changampuzha Krishna Pillai	UGC	9.44
2.	Dr. Jose K Manuel	The politics of power engendered by the new generation media in the language and culture of Kerala	UGC	7.89

b) International: Nil

c) Total grants received: ₹17.33 Lakhs

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration : Nil

b) International collaboration : Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.

: Nil

20. Research facility / centre with

- State recognition : Yes
- National recognition : Yes
- International recognition : No

21. Special research laboratories sponsored by / created by industry or corporate bodies : NA

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	14
2.	Monographs	Nil
3.	Conference Proceedings	3
4.	Chapters in Books	25
5.	Edited Books	9
6.	Books authored with ISBN	18
7.	Books authored without ISBN	14
8.	Articles in popular publications	82
	Total	165

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil

26. Faculty serving in

- a) National committees –Nil
- b) International committees -Nil
- c) Editorial Boards

Editorial Boards:

Sl. No.	Name of the faculty	Journal
1.	Dr. K M Krishnan	<ul style="list-style-type: none"> • Member, Editorial Board of <i>Dheemahi</i>, Journal of Chinmaya Research Foundation.
2.	Dr. Aju K N	<ul style="list-style-type: none"> • Member, Editorial Board of <i>Tapasam</i>, Journal of Association for Comparative Studies • Member, Editorial Board of <i>Bhoomi Malayalam</i>, a journal published by UC College, Aluva.
3.	All the regular members	<ul style="list-style-type: none"> • Members of Editorial Board of <i>Haritam</i>, Journal of School of Letters

d) any other- Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

- a) One day seminar on “Vision and Experience” 29 March 2012.
- b) Workshop on Poetry, drama, and story in September 2012
- c) Seminar on computational practices in association with Akshara, December, 2012.
- d) Translator’s Orientation Programme from 13 to 16 February 2013
- e) National Seminar on Indian Cinema: A Century in Perspective, 21-23 March 2013.
- f) National Seminar on Comparative Literature” in connection with the retirement of Prof. P P Raveendran from 25--27 March 2014
- g) Seminar on Publishing 12 January 2015 with NBT.
- h) Workshop on Malayalam Computing in August 2015.
- i) National Seminar on “Re-Reading Padmarajan” in January 2016
- j) National Seminar on Thirukkural in March 2016.

28. Student Projects

- Percentage of students who have done in-house projects including inter-departmental projects : 100%
- Percentage of students doing projects in collaboration with other universities industry / institute: Nil

29. Awards / recognitions received at the national and international level by



Faculty

- Dr. P.S Radhakrishnan received national film award (best film critic) by the Govt. of India for the year 2014.
- Dr.Aju K N received Dr. B R Ambedkar National fellowship award by Bharateeya Dalit Sahithya Academy, New Delhi in 2012.
- Dr.Saji Mathew was a recipient of Research Award from UGC (2014-16).
- Dr.Aju K N was a recipient of Research Award from UGC (2012-15)

Doctoral / post-doctoral fellows

- Siddharth Siva received national film award

Students

- The School of Letters won the first prize in the literary quiz conducted in connection with Sahiti, Thunchath Ezhuthachhan Malayalam University Tirur, February 2014.

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Sl.No	Name of National/International Conference	Funding agency	Eminent Scholars/Scientist who participated
1.	One day seminar on “Vision and Experience” 29 March 2012	M.G.University	Shri Kumar Sahini National Award Winner for Direction
2.	Workshop on Poetry, drama, and story in September 2012	MG University	
3.	Seminar on Computational Practices in association with Akshara, December, 2012	M.G.University	Prof. B.Iqbal Former Vice Chancellor,Kerala University
4.	Translator’s Orientation Programme from 13 to 16 February 2013	MG University	

5.	National Seminar on Indian Cinema: A Century in Perspective, 21-23 March 2013	M.G.University	Dr. Hariharan, eminent film maker and critic in Tamil Nadu
6.	National Seminar on Comparative Literature” from 25--27 March 2014	M.G.University	Prof.N.V.Narayanan,Calicut University.
7.	Seminar on Publishing 12 January 2015 with NBT	MG University	
8.	Workshop on Malayalam Computing in August 2015.	MG University	
9.	National Seminar on “Re-Reading Padmarajan” in January 2016	M.G.University	Shri.Joshy Mathew,Former Kerala Sahithya Academy Vice President
10	National Seminar on <i>Thirukkural</i> in March 2016	M.G.University	Prof Nachimuthu Internationaly Relevant Linguistics
11	National Conference on The Hebrew Question in the Italian Renaissancein April 2016	M.G.University	Prof.Daniel Stein Kokin Jewish Literature and Culture,University Greifswald,Germany

31. Code of ethics for research followed by the departments

Punctuality, timely consultation, integrity and responsibility in approaching secondary sources:

Students/researchers are encouraged to uphold noble values and principles in research. Strict vigil is followed to prevent plagiarism among researchers.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA Malayalam	320	10	30	100	100
MA English	1600	5	35	100	100
M.Phil Malayalam	200	12	20	100	100
M.Phil English	220	7	25	100	100
M.Phil Theatre Arts	100	10	14	100	100



33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
MA Malayalam	70	30	Nil	Nil
MA English	60	40	Nil	Nil
M.Phil Malayalam	70	30	Nil	Nil
M.Phil English	50	30	20	Nil
M.Phil Theatre Arts	50	50	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET : 58

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	30
PG to Ph.D.	20
Ph.D. to Post-Doctoral	1
Employed <input type="checkbox"/> Campus selection Other than campus <input type="checkbox"/> recruitment	Nil 70
Entrepreneurs	There are publishers, script writers among our alumni. Several of them are running their own news channels. Some have occupied high administrative positions in India and abroad.

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	42
from other universities within the State	29
from universities from other States from	29
universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

- a) **Library** : equipped with more than 18,233 books
- b) **Internet facilities for staff and students** : Yes, computer lab with internet access, personal computers for faculty with internet access
- c) **Total number of class rooms** : 7
- d) **Class rooms with ICT facility** : 1
- e) **Students' laboratories** : The students of the School are actively involved in theatrical activities. We have a good collection of properties, equipment and costumes for drama. We have also equipped ourselves with high definition cameras which enable our students to document our cultural activities and programmes. Several films too have been produced by our students using these facilities.
- f) **Research laboratories** : NA

39. List of doctoral, post-doctoral students and Research Associates

- a) **from the host institution/university** : 35
- b) **from other institutions/universities** : 25

40. Number of post graduate students getting financial assistance from the university:
10

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :

Review of available literature, informal discussions with various stakeholders (Alumni, students, academic experts, educational institute and publishing houses) and analysis of the collected information in the department faculty council.

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, the feedback is used to improve upon teaching methodology and syllabus orientation



- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, the feedback is used to improve curriculum and teaching-learning – evaluation.
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes, the feedback is used to improve upon teaching methodology and syllabus orientation

43. List the distinguished alumni of the department (maximum 10)

SI No.	Name	Current Position
1.	Sidhartha Siva	National award winning film maker
2.	Dr. Sreenath Nair	Academic, Lincoln University, UK
3.	Dr. Manoj M B	Poet, academician
4.	Dr. Ajay Sekher	Academician, translator and critic.
5.	Ettumannur Kannan	Academic and Kathakali Artist
6.	Dileesh Pothan	Theatre activist and state award winning film maker.
7.	Unnikrishnan B.	Critic, prominent film maker and activist.
8.	Sajitha Madathil	Theatre Person and Actress
9.	E Saneesh	Media person working with News 18
10.	Manoj Menon	Senior media person working with Mathrubhoomi News

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. One day seminar on “Vision and Experience” 29 March 2012.
2. Workshop on Poetry, drama, and story in September 2012
3. Seminar on computational practices in association with Akshara, December, 2012.
4. Translator’s Orientation Programme from 13 to 16 February 2013
5. National Seminar on Indian Cinema: A Century in Perspective, 21-23 March 2013.
6. National Seminar on Comparative Literature” in connection with the retirement of Prof. P P Raveendran from 25--27 March 2014
7. Seminar on Publishing 12 January 2015 with NBT.
8. Workshop on Malayalam Computing in August 2015.
9. National Seminar on “Re-Reading Padmarajan” in January 2016
10. Keywords: a special lecture series with experts from various fields.
11. National Seminar on Thirukkural in March 2016
12. National Seminar on Indian Cinema: A Century in Perspective, 21-23 March 2013.
13. National Seminar on Comparative Literature” in connection with the retirement of Prof. P P Raveendran from 25--27 March 2014.

14. Translator's Orientation Programme from 13 to 16 February 2013
15. Prof. G Sankara Pillai memorial Lecture was given by Dr. Sebastian Paul and Commemoration Lecture given by Dr. N. R. Gramaprakash January 1, 2013.
16. R. Narendra Prasad Memorial Lecture given by Prof. M. Leelavathy.
17. Lecture on Classical Hollywood films Dr. Hariprasad, EFL University Hyderabad, on 18 October 2012.
18. Social Theory and Literature, a Lecture by Vice Chancellor Dr. Rajan Gurukkal on 5 September 2012
19. Lecture on Dalit Nationalism by Dr. Sanal Mohan on 14 September, 2012
20. Lecture on Gandhi in Contemporary Context by Prof. M S John on October 14 , 2012
21. Workshop on Malayalam Computing in August 2015.

45. List the teaching methods adopted by the faculty for different programmes:

Lecture, presentations, assignments, term papers and tutorial sessions.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored: By obtaining feedback from all stakeholders and alumni.

47. Highlight the participation of students and faculty in extension activities.

We make sure that the benefits of the academic programmes reach the common man sooner or later by engaging ourselves in various extension activities. This achieved through film festivals and drama.

48. Give details of "beyond syllabus scholarly activities" of the department :

- a) Keywords: a special lecture series with experts from various fields.
- b) National Seminar on Indian Cinema: A Century in Perspective, 21-23 March 2013.
- c) National Seminar on Comparative Literature" in connection with the retirement of Prof. P P Raveendran from 25--27 March 2014.
- d) Translator's Orientation Programme from 13 to 16 February 2013, in collaboration with National Translation Mission.
- e) Prof. G Sankara Pillai memorial Lecture was given by Dr. Sebastian Paul and Commemoration Lecture given by Dr. N. R. Gramaprakash January 1, 2013.
- f) R. Narendra Prasad Memorial Lecture given by Prof. M. Leelavathy.
- g) Lecture on Classical Hollywood films Dr. Hariprasad, EFL University Hyderabad, on 18 October 2012.
- h) Social Theory and Literature, a Lecture by Vice Chancellor Dr. Rajan Gurukkal on 5 September 2012
- i) Lecture on Dalit Nationalism by Dr. Sanal Mohan on 14 September, 2012
- j) Lecture on Gandhi in Contemporary Context by Prof. M S John on October 14 , 2012
- k) Workshop on Malayalam Computing in August 2015 in association with CDAAC.
- l) National seminar on Re-reading Padmarajan in January 2016
- m) International Seminar on *Thirukkural* in March 2016
- n) Seminars, workshops, collaborative endeavours, cultural activities



49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : By Kerala Folklore Academy

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: School of Letters has been instrumental in introducing literary and cultural theory in curriculum design all over Kerala. The faculty of the School have played a significant role in syllabus reforms of the University. Books edited by the School of Letters faculty, often with chapters written by them have been the highlight of our syllabi. Similarly contributions in the form translations between English and Malayalam have not only enriched our cultural traditions but have also been part of the curriculum in other universities. The faculty of the School have been members of various academic bodies of universities within and outside the state.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Nationally reputed faculty.
- Dynamic interaction of the faculty with the civil society.
- Rare structure of the school which combines different languages, literatures and art forms.
- Common courses for different languages.
- Students' exposure to faculty of different languages, literatures and art forms.

Weaknesses:

- Insufficient number of faculty
- Absence of technically qualified faculty to teach subjects relating to theatre and cinema.
- Absence of faculty to guide research in fine arts, music and other art forms.
- Absence of a proper seminar cum theatre complex and a customized library.
- Lack of students from other states and countries.
- Lack of uninterrupted power supply.

Opportunities:

- Development of cultural and film studies in the context of a rapidly changing social scenario.
- Students getting equipped in theoretical research in areas of literature and culture.
- Interaction between disciplines makes students better equipped to deal with methodological challenges.
- Opportunity to attend seminars, conferences, workshops and the like being regularly organized by the School.
- Opportunity for students to access School of Letters library, arguably one of the best in this part of the country as far as modern books and other documents are concerned.

Challenges:

- At the Post graduate level getting good students with an aptitude for literary and cultural studies.
- To convince the public and the prospective student community about the

uniqueness of the programmes.

- To attract more students from outside the state.
- Getting international scholars interested in literature and culture of India and Kerala.

52. Future plans of the department.

- Translation of works/knowledge texts from other Indian languages to Malayalam and vice versa.
- Academic and cultural exchange programmes of faculty and students.
- Enrichment of social outreach programme.
- To explore the possibilities of organizing programmes like Scholar in Residence in line with the ongoing Erudite Programme.
- Introduce new and emerging areas including film studies and media studies to make School of Letters a Centre of Excellence in the state.



SCHOOL OF MANAGEMENT AND BUSINESS STUDIES

1.	Name of the Department	:	School of Management and Business Studies			
2.	Year of establishment	:	1998			
3.	Is the Department part of a School/Faculty of the University?	:	Yes Faculty of Management Sciences.			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	<ul style="list-style-type: none"> • MBA • M Phil • Ph.D 			
5.	Interdisciplinary programmes and departments involved		MBA programme itself is interdisciplinary involving papers from Accountancy, Economics, Quantitative techniques, MIS to papers in areas of various specializations.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc		MOU signed MDI Gurgaon for sending 6 students every year for the MDI summer university program.			
7.	Details of programmes discontinued, if any, with reasons		Nil			
8.	Examination System		Semester /Choice Based Credit System			
9.	Participation of the department in the courses offered by other departments		Students are free to opt for open courses offered by other departments.			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)			Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	1	1
			Associate Professors	2	2	3
			Asst. Professors	6	5	4
			Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 6 years
Dr K Sreeranganadhan	M Com MBA Ph.D	Professor	Finance & Marketing	38	Ph.D-8 M.Phil-2
Dr E Sulaiman	M Com MBA Ph.D	Associate Professor	Financial Management	16	Ph.D-8 M.Phil-9
Dr Santhosh P Thampi	B Tech MBA Ph.D	Associate Professor	Human Resource Management	12	Ph.D- 7 +2 (New Admission) M.Phil- 7
Dr Siby Zacharias	MSc MBA, Ph.D	Associate Professor	Human Resource Management	19	Ph.D- 9 M.Phil- 2
Dr Sajimon Abraham	MSc, MCA, MBA Ph.D	Assistant Professor	IT & Operations Research	17	Ph.D- 6(New Admission) M.Phil- 1
Dr Johney Johnson	MBA, M.Phil, Ph.D	Assistant Professor	Marketing Management	15	Ph.D – 8 M.Phil- 5
Dr Afsal E M	MBA Ph.D	Assistant Professor	Marketing Management	8	Ph.D- 4 M Phil- 1
Dr Biju M K	B Tech, MBA Ph.D	Assistant Professor	Financial Management	4	Ph.D-1+2 (New Admission) M.Phil- 2

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sl.No	Name	Visiting fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Prof. A M Salim	Former Director, Federal Bank	Strategic Management General Management
2.	Prof. Francis Cherunillam	Rtd. Professor, CUSAT	Marketing Management
3.	Prof. R Venkatapathy	Director, Bharathiar Institute of Management	Human Resource Management
4.	Sri Sheikh Parieth IAS	MD, Kerala Rapid transport Corporation	General Management/ Public Administration
5.	Sri Mathai Baker Fenn	Corporate Trainer	Corporate Etiquettes
6.	Prof.Panchanathan	Professor, Annamalai university	Financial Management
7.	Prof. T Mallikarjunappa	Professor & Chairman MBA program, Mangalore university	Security & Portfolio Management



13. Percentage of classes taken by temporary faculty – programme-wise information :
-Nil

14. Programme-wise Student Teacher Ratio

Programme	Student Teacher Ratio
MBA	15:1
M.Phil	1:1
Ph.D	7:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Support Staff	Sanctioned	Filled and actual
Technical	2	2
Administrative Staff	4	4

16. Research thrust areas as recognized by major funding agencies

- Social Entrepreneurship
- Retail Management
- Consumer Behaviour
- Corporate Governance
- Security Analysis
- Compensation Management
- Data Analytics
- Portfolio Management
- Responsible Tourism Management

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise :

Completed 4 UGC projects. One major project for 5 Lakhs and 3 minor projects of 1 lakh each.

a) National : Nil

b) International : Nil

Sl. No	Title of the Project	Duration	Funding Agency	Amount in lakhs (₹)
1.	A study on the marketing strategies adopted by small scale industries in Ettumannur.	2012, 6 months	UGC	0.15
2.	“Challenges And Opportunities In Back Water Tourism: A Case Study”., 2010-2012	2012, 6 months	UGC	0.15
3.	Loan Portfolio of SHGs in Kerala	2012, 6 months	UGC	0.15

4.	A study on the entrepreneurial behavior of Kudumbashree units in Ettumannur Grama Panchayat	2012, 6 months	UGC	0.15
5.	Utilization of internet and IT tools in the management of higher educational institutions.	2012, 6 months	UGC	0.15
6.	A Study on the working of Fisheries Cooperative Society in Kerala	2011-13	UGC	5.00
7.	Financial sustainability of SHG in Kerala	2011	UGC	1.00
8.	Minor Research Project on "Moving Object Databases	2011	UGC	1.00
9.	"Sustainable Tourism: A Case Study On Kumarakom, Kerala"	2011	UGC	1.00

Total grants received: ₹ 8.75 Lakhs

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration : Nil
b) International collaboration : Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received :

Sl. No	Title of the Project	Duration	Funding Agency	Amount in lakhs (₹)
1	Towards Infrastructure		UGC	15.00

Total grants received: ₹ 15 lakhs

20. Research facility / centre with

- State recognition : Yes
- National recognition ;Yes
- International recognition : Nil



21. Special research laboratories sponsored by / created by industry or corporate bodies :
Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	62
2.	Monographs	Nil
3.	Conference Proceedings	64
4.	Chapters in Books	Nil
5.	Edited Books	Nil
6.	Books authored with ISBN	6
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
9.	Total	132

- a) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : 5
- b) Citation Index – range / average : NA
- c) SNIP : NA
- d) SJR : NA
- e) Impact factor range :
- f) H index

Sl. No	Name of Faculty Member	Citation	H- Index
1	Dr E Sulaiman	9	1.0
2	Dr Santhosh P Thampi	12	1.0
3	Dr Siby Zacharias	18	1.0
4	Dr Sajimon Abraham	32	1.0
5	Dr Johney Johnson	15	1.0
6	Dr EM Afsal	219	10.0
7	Dr Biju M K	9	1.0

23. Details of patents and income generated
Nil

24. Areas of consultancy and income generated : ₹ 0.75 Lakhs

SL.No	Description	Income generated in lakhs (₹)
1.	Recruitment & Selection of Bank Assistants at Kareepra Service Cooperative Bank	0.70

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Sl.No.	Name of the university/industry	Year	Details
Dr E Sulaiman			
1.	GSTF- Global Science Technology Forum	2012	Selected to present his research paper at the International Conference in Singapore.
Dr Siby Zacharias			
2.	IIM Lucknow	Jan 2014	Selected to present his research paper at the International Conference in IIM Lucknow
Dr Johney Johnson			
3.	IIM Lucknow Monash University, Australia	Jan 2014 Dec 2011	Selected to present his research paper at the International Conference in IIM Lucknow, Malaysia, Bangkok,
Dr Sajimon Abraham			
4.	Remin University of Chine	July 2011	Selected to present his research paper at the International Conference in Beijing, China.

26. Faculty serving in
a) National committees

Sl. No.	Name of the faculty	Committee
1.	Dr K Sreeranganadhan	Director, Dean of Faculty, Member- AICTE, UGC NET, CBSE Board. Chairman BOS of M G University Member BOS of Kerala University, Kannur University, KUFOS.
2.	Dr E Sulaiman	Member-AICTE BOS member of Kerala University, & Kannur University & M G University
3.	Dr Santhosh P Thampi	Member-AICTE BOS Member M G University Nodal Officer- Higher Education Survey & NIRF.



4.	Dr Siby Zacharias	BOS member of Kannur University. BOS -PG programmes in Management of Affiliated Colleges of Mahatma Gandhi University and the Department MBA. Member, BOS in B. Voc, St. Berchmans Institute of Management, St. Berchmans College, Changanacherry, Rajagiri School of Management
5.	Dr Sajimon Abraham	BOS member of Kannur university, Kerala & M G University Director- International Student Centre, M G University.
6.	Dr Johney Johnson	Member- UGC NET, CBSE Board Coordinator, Placement & Training Cell, Mahatma Gandhi University Member, BOS in Management at SMBS, Mahatma Gandhi University Coordinator, UGC-FRP, Mahatma Gandhi University Resource Person – UGC HRDC of Kerala University, Calicut University & Kannur University.

b) International committees: Nil

c) Editorial Boards

d) Any other

Sl. No.	Name of the faculty	Committee
1.	Afsal E.M:	<ul style="list-style-type: none">Member of Review Panel, Journal of Applied Economics published by The University of Warwick, United Kingdom (2009- present)Member of Review Panel, Advances in Economics and Business published by Horizon Research Publishing, USA (2014-present)Member of Review Panel , Amity Journal of Management Research (AJMR) published by Amity University, Noida, India (2016-present)
2.	Johney Johnson :	<ul style="list-style-type: none">Member of Review Panel , Amity Journal of Management Research (AJMR) published by Amity University, Noida, India (2015-present)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, orkshops, training programs and similar programs).

Year	Refresher Programme	Orientation Programme	Short Term Programme
2011-12	1	1	-
2012-13	2	-	3
2013-14	Nil	-	-
2014-15	-	-	1
2015-16	-	-	-

28. Student projects

<ul style="list-style-type: none"> percentage of students who have done in-house projects including inter-departmental projects 	Nil
<ul style="list-style-type: none"> percentage of students doing projects in collaboration with other universities/ industry / institute 	100%

29. Awards / recognitions received at the national and international level by

a) Faculty

Name of the faculty	Details
Afsal E.M.	<ul style="list-style-type: none"> AIMS-NMIMS Outstanding Paper Award at the thirteenth International Conference on Management organized during 19-22 December 2015 at Indua business Academy, Bangalore Award for Best Doctoral Paper Presentation in the AIMS-International Conference on Management held on 2009 December 20-23 at IIM Bangalore,2009

b) Doctoral / post-doctoral fellows

Name of the Doctoral / post-doctoral fellows	Details
Radhika PC & Johney Johnson	Received the best paper award at the International Conference organised at SNGCE, (2013)
Jominy Joice & Siby Zacharias	Career Management in Changing Career Context', Trends and Challenges in Indian Business Management, Jominy Joice & Siby Zacharias,; International Conference, Placitum November 6 &7, 2014
Brijesh George John & Siby Zacharias	A Study on Online Jewellery Sales in India' International Conference on Advanced Management- Challenges in Knowledge Era, 8 th & 9 th January 2015, AMAL Institute of Management, Bharathidasan University



30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Year	Seminars/ Conferences/Workshops	Source of funding	outstanding participants
2010-11	Nil		
2011-12	Nil		
2012-13	Nil		
2013-14	One week Workshop on Research Methodology in 2014	University	35
2014-15	Nil		
2015-16	Two day National Conference on Business Models during February 25-26, 2016	UGC	110
	one week Finishing School programme for outgoing MBA students in March 1-5, 2016	University	56

31. Code of ethics for research followed by the departments

Ethical Practices for Research

- 1. Plagiarism-** Authors should firmly cite the works of others giving a notation that the work belongs to others and is not of the author. Generally accepted rules for plagiarism apply to all types of works (review, methodology, results etc).
- 2. Misuse of information-** Any information collected for research purpose is confidential and is meant for academic purpose only and hence misuse of such information for personal or commercial gains is totally prohibited.
- 3. Data validity** – Researcher has to ensure the integrity and validity of the data used in his/her research work in order to maintain the honesty of the output. Also, a researcher should publish the work with maximum confidence and produce necessary details for reproducing the work for examination purpose or further clarification.
- 4. Ownership and acknowledgement** – In case of funded research, authors in the reports should duly acknowledge the funding and facilitating agencies. Ownership of the data, software and other study materials should be with the university or school.
- 5. Authorship Criteria-** In case of multiple authors, each one should be given proper credit while publishing/communicating. Order of authors must be decided well in advance and a corresponding author should be designated.
- 6. Duplication-** Any particular work published/under consideration should not be sent to other journals/conferences without making proper citation in the later publication or explicitly informing the editor of the matter. Guidelines for authors of each journal will be the apex authority in deciding the matter.
- 7. Disclosure-** Researcher should disclose maximum information about the work including the academic relevance, sources of information, and appropriateness of the methods, conflict of interest if any, to the stakeholders.

- 8. Supervision** – Being research supervisor or principal investigator is a matter fully based on academic interest and meritocracy. No discrimination is allowed in forming research groups and subsequently monitoring them based on caste/religion/region/gender/ethnicity/social or economic status of prospective researchers.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-12	250	29	27	100	100
2011-13	315	23	34	100	100
2012-14	213	31	26	100	100
2013-15	535	26	28	100	100
2014-16	464	28	32	100	100
2015-17	120	30	29	On going	
M.Phil:					
2011-12	34	3	3	100	100
2012-13	17	4	2	100	100
2013-14	64	1	5	100	100
2014-15	20	1	5	100	100
2015-16	10	1	5	100	100

33. Diversity of students

Name of the Programme MBA (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2011-12	70	23	5	2
2012-13	72	21	7	--
2013-14	76	19	5	--
2014-15	65	24	11	--
2015-16	72	20	8	



Name of the Programme M.Phil (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of Students from other countries
2010-11	3	2	1	--
2011-12	2	--	4	--
2012-13	3	2	1	--
2013-14	4	2	--	--
2014-15	4	--	2	--

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	Civil Services and Defence Services examinations, NET, SET, GATE
2010-12	3
2011-13	3
2012-14	4
2013-15	5
2015-16	5

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	2%
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	
Employed	
<input type="checkbox"/> Campus selection	30%
<input type="checkbox"/> Other than campus recruitment	55%
Entrepreneurs	5%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	12
from other universities within the State	64
Universities from other States	24
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Name of the faculty	M.Phil., Ph.D., D.Sc. and D.Litt
Dr Siby Zacharias	Ph.D
Dr Sajimon Abraham	Ph.D
Dr M K Biju	Ph.D

38. Present details of departmental infrastructural facilities with regard to**Library**

a) Library	Available,7549 books,
b) Internet facilities for staff and students	Available
c) Total number of class rooms	5
d) Class rooms with ICT facility	Yes
e) Students' laboratories	Yes
f) Research laboratories	Yes



39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

Name of Guide	Doctoral	Post-doctoral	Research Associates
Prof. Dr .K Sreeranganathan	Mr.Abey Jose George- Awarded 2017		
	Mrs Praleena P L - Awarded 2017		
	Anoop K K		
	Asha R Nair Awarded 2013		
	Lekshmi Bhai P S Awarded 2013		
	Krishnakumar G Awarded 2014		
	Sabu V G Awarded 2015		
	VeenaPriya S Awarded 2017		
Dr. E Sulaiman	Uvais M		
	Roshni P R		
	Dawn Jose		
	Sindu P Nair Awarded 2014		
	Basil John Awarded 2014		
	Sajith Kumar Awarded 2014		
	Shajan		
	Hazeena P.E		
Dr.Santhosh P Thampi	Mrs Meera M S Awarded 2016		
	Tiny Maria Mathew		
	Mrs Krishnakumari M R Awarded 2017		
	John Babu Awarded 2016		
	Jils Mathew Awarded 2016		
	Mathew John		
	Rakhi p		
Dr.Siby Zacharias	Sibichen Joseph		
	Brijesh George John		
	RoshenTheres Sebastian		
	Joshy John		
	Neha Varghese		
	Saji Mathew Awarded 2013		
	JominyJoice J		
	DeepthySreedhar		
	Geethu Anna Mathew		
Dr Sajimon Abraham	Mr. Rajesh N		
	Ms. Lumy Joseph		
	Ms. Saritha K		
	Mr. Nishad Abdul Rahman		
	Ms. Benymole Jose		
	Ms. Deepa Mathews		
Dr.Johney Johnson	Biju B		
	Mrs.Bhagyalakshmi P. C		
	Mrs.Ushus Mathew		
	Joju Chacko Akkara Awarded 2014		



	Radhika P C Awarded 2016		
	Sonia Mathew Katherin Awarded 2016		
	C V Lolitha		
	Tijo Thomas		
Dr.Biju	Jacob Bose		
Dr.Afsal EM	Martini Jose K		
	Dona Babu		
	Hazeena P E		
	Priyanka I		

b) from other institutions/universities : Nil

40. Number of post graduate students getting financial assistance from the university:

Specify the fellowship for details

Year	2012	2013	2014	2015	2016
MBA programme	14	15	23	20	5
M Phil Programme	1	1	2	3	-

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes. The need assessment is done after inviting the stakeholders. Primarily the feedback of parents, alumni and industry experts are taken into consideration before designing a new programme or introducing a new specialisation.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	The feedback is placed before the faculty council and after discussing the same necessary changes/improvements are made.
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Student feedback of teachers is encouraged and the feedback thus received is used as indicators for faculty improvement.
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Alumni feedbacks are collected during Alumni meetings and the same is also placed before the faculty council for discussions and the necessary changes are adopted.



43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position
1.	Dr Roshna Varghese	Assistant Professor, Rajagiri Institute of Management
2.	Sarita K P	LIC Divisions Officer, Ernakulum
3.	Dileep K H	Deputy Manager, Axis Bank
4.	Hegal Charles	SAP Consultant, HBS Infopark.
5.	Eby Elias	Manager, South Indian Bank
6.	Shanavas	Deputy Collector, Kollam District
7.	Dr Biju M K	Assistant Professor, M G University.
8.	Shibin Mathew	Asst. Manager, South Indian Bank
9.	Sandra Pauva	Asst. Manager, South Indian Bank
10.	Arun K	Asst. Manager, Indian bank

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

YEAR	No of Special Lectures	No of Workshops
2011-12	<ol style="list-style-type: none"> 1.Prof. Biju Varkey (IIM Ahmedabad) delivered a talk on innovative learning methods 2.Prof. Mathew Manimala (IIM Bangalore) delivered a talk on Entrepreneurship 3.Prof. J Rajan (Kerala University) delivered a talk on Research Methods 4.Prof. Anandakuttan Unnithan (IIM Kozhikode) took a class on ‘Case Analysis’. 5.Prof. Gupta (Director, MDI Gurgaon, delivered a talk on “Management in a Multi Cultural Society) 	<ol style="list-style-type: none"> 1. A Five day Induction Programme for Fresher’s was conducted by a team lead by Sri G Balachandran (Corporate Trainer) 2. A three day Placement Training was conducted for Final Semester Students by Corporate Trainer G Balachandran
2012-13	<ol style="list-style-type: none"> 1. Smt. Jayalakshmi G Nair (Branch Manager Stock Holding Corporation of India Ltd.) demonstrated ‘Live on Line Trading’. 2.Prof. Venkatapathy (Bharathiar university) delivered a talk on ‘Corporate Success’. 3.Prof. Rupert Mampally (CUSAT) took a one day session on ‘Identification of Research Problem’. 	<ol style="list-style-type: none"> 1. A Five day Induction Programme for Fresher’s was conducted by a team lead by Sri G Balachandran (Corporate Trainer) 2. A three day Placement Training was conducted for Final Semester Students by Corporate Trainer G Balachandran



	4. Prof. P T Sreenivasan (Madras University) delivered a talk on 'Learning through games'.	
2013-14	<ol style="list-style-type: none"> 1. Sri Anil Varrier (Sr GM- India Cements) delivered a lecture on 'Ingredients for Corporate Success'. 2. Prof. T Asokan (Kannur University) delivered a talk on Security Analysis. 3. Prof. Rupert Mampally (CUSAT) took a one day session on 'Identification of Research Problem'. 	<ol style="list-style-type: none"> 1. Workshop on Research Methodology (1 week programme) 2. A Five day Induction Programme for Fresher's was conducted by a team lead by Sri G Balachandran (Corporate Trainer) 3. A three day Placement Training was conducted for Final Semester Students by Corporate Trainer G Balachandran
2014-15	<ol style="list-style-type: none"> 1. Dr C K Francis (St Thomas College, Thrissur) delivered a talk on Derivatives and Risk Management 2. Dr Sreekanth (MES Marampally) delivered a talk on WTO. 3. Mr Javad K Hassan (Chairman, NEST Group)- "Technology Enterprises in India: Experiments, Experiences and Expectations" 	<ol style="list-style-type: none"> 1. A Five day Induction Programme for Fresher's was conducted by a team lead by Sri G Balachandran (Corporate Trainer) 2. A three day Placement Training was conducted for Final Semester Students by Corporate Trainer G Balachandran
2015-16	<ol style="list-style-type: none"> 1. Dr Santhosh V A (TKM) delivered a talk on Transactional Analysis 2. Sri Ajith Shankar (Corporate CEO) delivered a talk on 'Living in a Network Era'. 3. Sri. Ajay George Varghese delivered a talk on 'Corporate Ethics' 4. Sri Suresh Pillai (GM – Malayala Manorama) delivered a talk on 'Corporate expectations from MBA graduates' 5. Sri K M Thomas (Ret. Chief GM, Purchase, Indian Railways) delivered a talk on TQM- Contributions of Management gurus. 6. Mr Ajay George Varghese (TiE Charter Member and President, CII, Kottayam Chapter) – "Entrepreneurship: Struggle and Success" 7. Mr Abdul Gafoor Kunhi (Motivational Speaker and Academic Trainer) – "Personality Development" 	<ol style="list-style-type: none"> 1. A Five day Intensive Finishing School programme was conducted by the Placement Cell. The trainers included Sri G Balachandran, Sri Ajay Kumar Nair and Sri Thomas Zachariah. 2. A Five day Induction Programme for Fresher's was conducted by a team lead by Sri G Balachandran (Corporate Trainer) 3. A three day Placement Training was conducted for Final Semester Students by Corporate Trainer G Balachandran



45. List the teaching methods adopted by the faculty for different programmes.

For MBA	Besides Lecture classes, focus is more on participative learning. Hence case analysis, role plays, learning through management games, seminars, group discussions, panel discussions, debates on issues etc. form the teaching pedagogy.
For M Phil	Besides lecture classes, seminar/ research presentations, publications and discussions on the same form the pedagogy.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through continuous evaluation from Students, parents and other stakeholders. PTA meeting is organised twice in a year and in exigencies.

47. Highlight the participation of students and faculty in extension activities.

Student participation in extension activities are ensured through social projects undertaken jointly along with the faculty. Studies have been conducted for SHGs in the adjoining town Ettumanoor. Faculty members are involved in extension activities through consultancy, Regular Radio talks on management and business related topics, taking up responsibilities like being the nodal officer for various national agencies.

48. Give details of “beyond syllabus scholarly activities” of the department.

Eminent speakers are regularly invited to speak on current topics of importance, social issues, Budget discussions, Radio discussions, doordarshan panel discussions. Faculty members by participating as resource persons at UGC HRDC, seminars, conferences bring in a rich blend of knowledge which are shared among the students.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Recognised by AICTE

Permanent Institute I D	1-475216661
AICTE File Number	AIC000247

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Through Publications (Both National and International), Through projects/studies of SMBS. One such important study was on price issues in the rubber and latex industries done by SMBS.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Excellent faculty members who work for upliftment of the students.

- Students are exposed to modern communication networks and management systems.
- The vision and mission of the school is made known to the public, candidates who seek admission, students and teachers by publishing it in the school website.
- The web site of the school developed & maintained by the Business Intelligence group of the School.
- At the beginning of the academic year the year, plan & portfolio is designed after discussion in the faculty Council. Every student is known about the completion of the course, timing of different examinations.
- Regular student assessment methods are adopted within the framework of the syllabus giving more emphasis to case study based teaching approach and virtual learning component with the help of A-VIEW software.

Weakness

- Location disadvantage.
- Lack of International Collaborations.
- Highly depending on internal source of funds.
- Lack of student exchange programme.

Opportunities

- Potential to become premium Business School in Kerala.
- MDP/EDP for working Professionals.
- Smart City, start-up & Entrepreneurship promotions from central and state governments.

Challenges

- Global economic slowdown.
- Lack of academic drive/enthusiasm among students.
- Admission process prone to regular changes.
- Competing with other management.
- Institutions in terms of physical ambience.

52. Future plans of the department.

- Establish a center of excellence in Management in Kerala.



- Creation and Installation of Management Education Portal to disseminate Management related teaching, training, research, consultancy and placement activities
- A Solar Energy Plant at the top of SMBS building.
- To start a P. G Diploma Course in Plantation Management.
- To start a P.G Diploma in Retail marketing, Data Analytics and Business Intelligence.
- To start a P.G Diploma in Entrepreneurship.
- Seeking NBA accreditation
- Installation of Technology Business Incubator under “Kerala Prospective Plan 2030”.
- International tie ups.

SCHOOL OF PEDAGOGICAL SCIENCES

1.	Name of the Department	:	School of Pedagogical Sciences			
2.	Year of establishment	:	1992			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Education			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	M.Ed., M.Phil. & Ph.D.			
5.	Interdisciplinary programmes and departments involved		Our students are from various subjects such as arts, science and commerce. We adopt the new teaching methodologies and strategies based on the subjects.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc		Nil			
7.	Details of programmes discontinued, if any, with reasons		Nil			
8.	Examination System Annual/Semester/Trimester/Choice Based Credit System		Credit and semester system			
9.	Participation of the department in the courses offered by other departments		The students , research scholar ,faculty of the school participate in seminars, conference, special lectures, workshop offered by other departments			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)			Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	0	1
			Associate Professors	2	1	2
			Asst. Professors	6	3	1
			Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 6 years
Dr.T.V. Thulasidharan	MA, MEd, Ph.D	Professor	Education	24 years	M.phil - 12 P.hD - 9
Dr. Jaya Jaise	MA, MEd, Ph.D,UGC-JRF	Associate Professor	Education	23 years	M.phil - 5 P.hD - 5
Dr.Minikutty A.	MSc, MEd, M.Phil, Ph.D,UGC-JRF	Associate Professor	Education	22 years	M.phil - 5 P.hD - 7
Dr.Sajna Jaleel	MSc, MEd, Ph.D	Assistant Professor	Education	18 years	M.phil - 4 P.hD - 5

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

The eminent professors in the field of education visited our School and gave special lectures to the students and research scholars to enrich their frontiers in education and research. The professors who visited the School include Prof. A Sukumaran Nair, Prof. P M Jaleel, Prof. M.ASudheer, Prof .K.Karunakaran, Prof.K R Sivadasan, Prof. Viswanadhan Nair P and Prof. C.P Sreekandan Nair

13. Percentage of classes taken by temporary faculty – programme-wise information:
N.A.

14. Programme-wise Student Teacher Ratio:

M.Ed	8.5:1
M.Phil	1.5:1
P.hD	8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

	Sanctioned	Filled	Actual
Technical	1	1	1
Administrative Staff	4	4	4

16. Research thrust areas as recognized by major funding agencies:

- Educational Technology
- Educational Psychology
- Educational Sociology
- Educational Philosophy
- Value Education
- Human Rights Education
- Peace Education
- Techno Pedagogy

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) national

Sl.No.	Title of the Project	Period	Funding agencies	Total Fund in Lakhs (₹)
1.	Analysis of Performance-Based Assessment of English: A study Among Secondary School Teachers of Kerala		UGC	1.1
2.	Programme Design and Implementation of an Idyllic Classroom Culture of Thinking Through Designated Mechanisms to Engage Teacher Educands at Secondary Level In Peace Building Activities		UGC	1
3.	“Teaching Mathematical Thinking Through E-Contents in Mathematics among Secondary School Students”		UGC	2.56

b) International: Nil

c) Total Grant received: ₹4.66 Lakhs

18. Inter-institutional collaborative projects and associated grants received: Nil

a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil

20. Research facility / centre with

- State recognition : Yes
- National recognition : Yes
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	94
2.	Monographs	Nil
3.	Conference Proceedings	Nil
4.	Chapters in Books	13
5.	Edited Books	Nil
6.	Books authored with ISBN	1
7.	Books authored without ISBN	1
8.	Articles in popular publications	Nil
9.	Total	109



- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR
- Impact Factor – range: 3.4163 to 5.00475
- h-index
- e-journals – 16

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

The faculty of the schools provides educational and research constancy to Schools, TTIs, B.Ed. colleges, DIETs, SCERT, SIET, SIEMAT and the like.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

26. Faculty serving in a) National committees)

b) International committees c) Editorial Boards d) any other (please specify Faculty serving in

a) National committees

Dr. P. J. Jacob	Dean, Faculty of Education ,University of Kerala
	Dean, Faculty of Education, Kannur University
	Dean, Faculty of Education, Sanskrit University, Kaladi.
	Member, Syndicate, Kannur University
Dr. Celine Pereira	Member, NAAC Peer Team
	Former Associate Editor of the Peer Reviewed Journal in Education of the School of Pedagogical Sciences, PEDAGOGICS having ISSN 2229-7618
	Member, Kerala State Higher Education Governing Council
	Member of PG Board of Studies in Education of Central University, Kasaragod
	Member of PG Board of Studies in Education of Bharathidasan University, Coimbatore, Tamilnadu
Dr. T.V.Thulasidharan	Dean, Faculty of Education, Mahatma Gandhi University
	Chairman, Board of Studies in Education (PG), Mahatma Gandhi University
	Member, Kerala State Higher Education Governing Council
	Former Member, Syndicate, Mahatma Gandhi University
	Editorial Board Member of the journal of Farook Training

	College, ENDEAVOURS IN EDUCATION having ISSN 0976-4275
	Editorial Board Member of the International Bi-Annual Peer Reviewed Journal in Education RESEARCH DEMAGOGUE
	Former Associate Editor of ACADEMIA, the Peer Reviewed Journal in Education of the Institute of Advanced Studies in Education, Thrissur.
Dr.Minikutty A	Associate Editor of the Peer Reviewed Journal in Education of the School of Pedagogical Sciences, PEDAGOGICS having ISSN 2229-7618
	Member of PG Board of Studies in Education of Mahatma Gandhi University & former Member of UG Board of Studies in Education of Mahatma Gandhi University
Dr. Jaya Jaise	Former Member of UG and PG Board of Studies in Education of Madurai Kamaraj University
	Former Member of UG Board of Studies in Education of Mahatma Gandhi University
	Coordinator, Kuriakose Elias Chavara Chair, Mahatma Gandhi University
Dr.Sajna Jaleel	Editorial Board Member of the International Journal, UJER
	Member of UG & PG Board of Studies in Education of Mahatma Gandhi University

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

The faculty members of the School attended orientation, refresher and short term programmes from 2010 to 2016 to enhance quality and competency.

UGC- ASC Orientation programme	1
UGC -ASC Refresher programme	2
Workshops	18
Training programme on LINUX by Centre for High Performance Computing of Mahatma Gandhi University	8
Seminars/ Conferences attended (international, national & state level)	434
Programmes of other institutions (SCERT & SIEMAT)	6

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	100%
Percentage of students doing projects in collaboration with other universities/industry / institute	Nil



29. Awards / recognitions received at the national and international level by

a) Faculty

- Dr. Celine Pereira was the recipient of the Best Teacher Educator Award of Council of Teacher Educators in 2013

b) Doctoral / post doctoral fellows

- Dr. Varghese P. Peter was recipient of National Best Teacher Award in 2013-14
- Mrs. Sindhu P.G. was recipient of the Best Paper Presenter Award by Council of Teacher Educators in 2014

c) M.Ed Students

- Mrs. Sreeja Swas recipient of the Best Paper Presenter Award by Council of Teacher Educators in 2013

30. Seminars/Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- One day workshop on ‘Adolescence Education and Life Skills’ – organized by the School in collaboration with SCERT and NCERT funding.
- Three day empowerment programme on ‘Adolescence Health and Life Skills’ – organized by the School in collaboration with SCERT and NCERT funding.

31. Code of ethics for research followed by the departments:

To ensure integrity, confidentiality and responsibility in the research reports, papers, articles and Ph.D. theses submitted and published, they are subjected to a plagiarism certification. The software used in the schools are original ones.

32. Student profile programme-wise: (refer to question no. 4)

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Female	Female
M.Ed.	2011-12	163	11	29	100	100
	2012-13	394	7	31	100	100
	2013-14	430	9	31	100	100
	2014-15	252	8	31	100	100
	2015-17	Handled by CAT Cell	7	28	100	100
M.Phil.	2011-12	7	1	2	100	100
	2012-13	13	1	4	100	100
	2013-14	14	2	6	100	100
	2014-15	14	2	3	100	100
	2015-16	6	3	3	Examination due	

Ph.D. Coursework	2011-12	30	4	16	100	100
	2012-13	13	1	33	100	100
	2013-14	14	1	5	100	100
	2014-15	10	2	11	100	100
	2015-16	20	2	12	Examination due	

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Ed.	90	10	0	0
M.Phil.	95	5	0	0
Ph.D. Coursework	80	15	5	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	UGC NET	SET/SLET	State PSC	Any others	Total
2010-11	8	3	3	---	14
2011-12	13	9	2	UPSC - 1	25
2012-13	13	4	2	Bank - 2 LIC - 1 CTET - 4 KTET - 1	27
2013-14	10	5	---	---	15
2014-15	4	4	6	---	14
2015-16	5	4	10	---	19
Total	53	29	23	9	114

35. Student progression

Sl. No	Year	Student progression	Percentage against enrolled
1	2010-11	UG to PG	N.A
		PG to M.Phil	5%
		PG to Ph.D.	5%
		Ph.D. to Post-Doctoral	Nil
		Employed by	



		<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil
2	2011-12	UG to PG	N.A
		PG to M.Phil	Nil
		PG to Ph.D.	7%
		Ph.D. to Post-Doctoral	Nil
		Employed by <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil
3	2012-13	UG to PG	N.A
		PG to M.Phil	10%
		PG to Ph.D.	10%
		Ph.D. to Post-Doctoral	0
		Employed by <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil
4	2013-14	UG to PG	N.A
		PG to M.Phil	10%
		PG to Ph.D.	4%
		Ph.D. to Post-Doctoral	Nil
		Employed by <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil
5	2014-15	UG to PG	N.A
		PG to M.Phil	5%
		PG to Ph.D.	0%
		Ph.D. to Post-Doctoral	Nil
		Employed by <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil
6	2015-16	UG to PG	N.A
		PG to M.Phil	7.5%
		PG to Ph.D.	2.5%
		Ph.D. to Post-Doctoral	Nil
		Employed by <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil

36. Diversity of staff

Percentage of faculty who are graduates of the same university	0
Percentage of faculty who are graduates from other universities within the State	89
Percentage of faculty who are graduates from universities from other states	0
Percentage of faculty who are graduates from universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library	6109
b) Internet facilities for staff and students	Available
c) Total number of class rooms	3
d) Class rooms with ICT facility	1
e) Students' laboratories	9
f) Research laboratories	3 <ul style="list-style-type: none"> • Psychology Lab, • Technology Lab • Computer Lab

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- b) from other institutions/universities

The list of doctoral students of the School of Pedagogical Sciences who were awarded Ph.D. by Mahatma Gandhi University is as follows.



Year	Sl. No:	Name of the candidate
2010-2011	1	Elizabeth Kuruvila
	2	Shajimon P.P
	3	Gokuldasan Pillai
	4	Anita Mathai
	5	ReenieKuncheria
	6	Tessy Joseph Kallarackal
	7	Fr. Varkey A.V
	8	Varghese K. Cheriyan
	9	Anu G.S
	10	Sreeja S.
	11	M.V Vijayakumar
2011-2012	12	RemmiyaRajan
	13	Srinivasan K.K
	14	Sajikumar K.B
	15	SurajBalan P.V
	16	Binu B.L
	17	Asha O.S
	18	Alka Abbas M.A
2012-2013	19	Jayalekshmi S.
	20	Madankumar C.K
	21	Ashokan P.
	22	Sajith C. Raj
	23	Varghese P. Peter
	24	Issac Paul
	25	Anilakumari M.C
	26	Sivaprasad K.
	27	SreeVrinda Nair N.
2013-2014	28	Lekshmi S.
	29	Lalamani P.
	30	Padma Priya P.V
	31	Regi P. Mathew
	32	Rajasree S.
	33	VeenaAppukuttan
	34	Sheeba Krishnan
	35	Betty P.J
	36	Anilkumar K.P
	37	Suresh K.J

2014-2015	38	Rajan K.
	39	Prakash Alex
	40	Manoj A.V.
	41	Jisha Baby
	42	Sumanmol N.S.
	43	Abdul Shukkoor P.K
	44	Lohidhasan M.K.
	45	Suneethi A.S.
	46	A. Prameela
	47	Elizabeth Thomas
	48	Binu Raj A.
	49	Annie Mary Thomas
	50	Radhakrishnan T.T
	51	Pradeepkumar S.L.
52	Jisha Joy	
2015-2016	53	Susmitha P.S.
	54	Alice Joseph
	55	Viji K. Ramakrishnan
	56	Bincy Thomas
	57	Beena Rani S
	58	Lissa Joseph
	59	Rinu V. Antony
	60	Chithra C.S
	61	Arunkumar P.
	62	SwapnaGopinath
	63	Geethu G Nair
	64	VipulMurali
	65	RakhyRadhakrishnan
	66	Anitta N.
	67	Liza Mathew
	68	Bhagyalakshmy P.
	69	SeemaGopinath
	70	Renjini K.R
	71	SosammaVarghesse
	72	Elizabeth Joshua
	73	SheelaK.Shany
	74	Sreevidya S. Marar



40. Number of post graduate students getting financial assistance from the university.

<u>Year</u>	<u>No. of student</u>
2010-'11	06
2011-'12	12
2012-'13	12
2013-'14	05
2014-'15	07
2015-'16	22

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

New programmes in the school was always designed after having a thorough discussion with stakeholders (alumni, students, PTA, academic experts and social organisations). This was further discussed in the faculty council and resolutions were taken and later informed to university for starting new development programme.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The faculty discuss and take decisions on matters relating to their teaching-learning-evaluation process.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Practical suggestions put forth by the faculty are integrated into their daily practice. Student feedback on Curriculum as well as Faculty are collected using two Proforma

- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Creative criticisms are incorporated to redesign the teaching method adopted by faculty members so as to achieve improved performance. Besides, the comments of alumni and directions of the employer are also duly considered and included by the faculty.

43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position
1.	Dr.MinimolSrambickal	Director, College Development Council, University of Kerala.
2.	Dr.Amruth G. Kumar	Associate Professor, Central University, Kasaragod.
3.	Dr.Anu G. S	Assistant Professor, Central University, Himachel Pradesh.
4.	Dr. Varghese K. Cherian	Principal, St. Joseph's Training College, Mannanam.
5.	Dr. T. K. Mathew, Principal	Principal, Titus II Teachers College, Thiruvalla
6.	Dr.Pushpa Marian	Principal, Mount Carmel College of Teacher Education for Women, Kottayam.
7.	Dr.Subash,	Associate Professor, NCERT, New Delhi.
8.	Dr.AncyVarughese	Project Officer, SCERT, Trivandrum
9.	Dr.Sosamma Varghese	Coordinator, UCTEs, Mahatma Gandhi University
10.	Mr. Shine P. S	Deputy Director, Directorate of Public Instruction

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. One day Seminar on Know Your Child, in collaboration with Association of Learning Disabilities, on 3rd August 2011
2. One day Seminar on Right to Education: The Kerala Context, in collaboration with Council for Teacher Education, on 11th August 2011
3. Two day UGC sponsored National Seminar on Models of Teaching, in collaboration with MES College, Marampally, on 19th & 20th January 2012
4. Three day Workshop on Research Methodology from 12th to 14th August 2013
5. One day Workshop on Adolescence Education and Life Skills, in collaboration with SCERT and funded by NCERT, on 29th August 2014
6. Three day Empowerment Programme on Adolescence Health and Life Skills, in collaboration with SCERT and funded by NCERT, from 3rd to 5th September 2014
7. One day Lecture on Research Methodology by Professor (Dr.) M. A. Sudhir, Gandhigram Rural University, on 7th December 2014
8. One day Lecture@schoolprogramme related to Space Awareness Week, in collaboration with ISRO, on 8th August 2015
9. One day Lecture on Research Methodology by Professor (Dr.) M. A. Sudhir, Gandhigram Rural University, in March 2016
- 10.



45. List the teaching methods adopted by the faculty for different programmes.

The faculty of the School adopts several methods for different programmes. Lecture, discussion, power point presentations, self-learning through individual assignment and seminar presentation, and the like.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The School conducts continuous and comprehensive evaluation for all the programmes and thereby evaluates and ensures that the programmes objectives are constantly met. For this, internal examinations, assignments, seminars and end semester examinations are administered and evaluated. The outcomes are then critically analysed and monitored to guarantee that the programme objectives are realised.

47. Highlight the participation of students and faculty in extension activities.

The Students of the School provide necessary academic assistance to the underachievers in neighbouring schools.

48. Give details of “beyond syllabus scholarly activities” of the department.

The students of the School actively participate in all programmes of the University, compete in literal, cultural and sports events, and the like.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. – No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

New knowledge in education is generated through the findings of research conducted in the areas of teaching and learning, techno pedagogy, blended learning, educational technology, educational psychology, educational philosophy, and educational sociology, value education. Findings of research in the areas of education are published in reputed journals and books.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Good infrastructure.
- Vast repertoire of books.
- Highly qualified faculty.
- Good programmes in education.
- Spacious and well equipped labs.

Weaknesses:

- Reduced demand ratio
- Reduced faculty strength
- Extended timeframe of the M.Ed.
- Programme as per NCTE regulations

Opportunities:

- Grooming young generation of teachers.
- Yoga and meditation programmes for healthy body
- Engaging in community-related activities.
- Exploring the possibilities of e-learning

Challenges:

- Conduct of national/international seminars/conferences.
- Using the psychology lab equipment for the local community.
- Physical expansion of the library.
- Lesser diversity of students.

52. Future plans of the department:

The School envisages to evolve as a Centre of Excellence for Teacher Education by providing

- Training/orientation programmes in recent trends of Pedagogy.
- Orientation programmes in Research Methodology in Humanities
- Diploma/short term courses in Guidance and Counselling, Educational Planning and Development, Curriculum Development and Evaluation, Educational Management, Economics of Education, Citizenship Education, & Human Rights Education.



SCHOOL OF PHYSICAL EDUCATION & SPORTS SCIENCES

1.	Name of the Department	:	School of Physical Education & Sports Sciences		
2.	Year of establishment	:	1983		
3.	Is the Department part of a School/Faculty of the University?	:	The School is under the Faculty of Education		
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	Master of Physical Education (MPed) from 2012 to 2015- renamed as Master of Physical Education and Sports (MPES) from 2016 as per UGC Circular. Ph.D		
5.	Interdisciplinary programmes and departments involved	:	Physical Education being interdisciplinary in nature, the School has adopted it as a conceptual plank in the framing of all its programmes		
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	Nil		
7.	Details of programmes discontinued, if any, with reasons	:	MPed programme was suspended temporarily by the University in 2015 for administrative reasons		
8.	Examination System	:	M.PEd Programme is designed as Credit and Semester System (CSS) as per the regulations of the University		
9.	Participation of the department in the courses offered by other departments	:	Nil		
10.	Number of teaching posts, sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)		Post	Sanctioned	Filled
			Professor/ Director	1	1
			Asst. Professor/ Assistant Director	2	0



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No of PhD /MPhil students guided for the last 6 years
Dr.Binu George Varghese	MPEd, Ph.D	Director	Sports Psychology	15	09

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information:

Master of Physical Education (MPEd) - 80%
PhD - Nil

14. Programme-wise Student Teacher Ratio:

MPEd - 15:1

PhD - 7:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Post	Sanctioned	Filled
Coach	5	1
Administrative Officer	1	1
Assistant	3	2
Clerical Assistant	1	1
Peon	1	0

16. Research thrust areas as recognized by major funding agencies:

The school offers Ph.D in the following key areas or thrust areas

- Sports Psychology
- Exercise Physiology
- Bio Mechanics
- Health & Fitness

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil

18. Inter-institutional collaborative projects and associated grants received

Nil



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

Details	Funding agency	Total Grant Recived in Lakhs (₹)
Sports Hostel	UGC	200.00
Swimming Pool	UGC	225.00
Tennis Court	UGC	25.00
Purchase of Sports Equipment	UGC	25.00
Sports Laboratory	UGC	25.00

Total grants received:

20. Research facility / centre with

- State recognition : YES
- National recognition : YES
- International recognition : NO

21. Special research laboratories sponsored by / created by industry or corporate bodies

Sports Science lab with UGC funding

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	12
2.	Monographs	Nil
3.	Conference Proceedings	15
3.	Chapters in Books	Nil
4.	Edited Books	Nil
5.	Books authored with ISBN	1
6.	Articles in popular publications	Nil
	Total	28



23. **Details of patents and income generated :** Nil
24. **Areas of consultancy and income generated :**
Health and fitness - Rs 1.80 Lakhs generated annually in DDF fund
25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :** Nil
26. **Faculty serving in**

a) **National committees –8**

Sl. No.	Name of the faculty	Committee
1.	Dr. Binu George Varghese	<ol style="list-style-type: none"> 1. Appointed as the Secretary of the Kerala State Sports Council, Thiruvanthapuram by the Government of Kerala from April 2014 to June 2016. 2. Nominated as the Chairman of the UGC Committee for the on the spot evaluation of the Sports Infrastructure in various Universities in India. 3. Nominated as AIU observer for EZ Kabbadi (M) Championship 2012 by the Association of Indian Universities Vide letter No. S/NUG/AIU-OBS/2012-13-590910 dated 10/9/2012. 4. Appointed as the convenor of the High Power committee under the chairmanship of Sri. G.S.G. Ayengar IAS, Joint Secretary Sports, Government of India constituted to formulate the Sports policy of government of Kerala, Vide G.O.(Rt) No.24/15 S&YA dated 13-02-2015. 5. Appointed as the Special officer by the government of Kerala to prepare a Detailed Project Report to set up Sports College at Chingavanam, Kottayam vide G.O(MS) No. 08/116/S&YA dated 02/02/2016. 6. Nominated as Member of the organizing committee of the 35th National Games Vide G.O.(Ms)No.19/12/S&YA dated 17th August 2012 by the Government of Kerala 7. Member of the executive committee of the 35th National Games held at Thiruvanthapuram from 31st January to 14th February 2015 appointed vide G.O(MS)No.35/14/S&YA dated 04.10.2014



		8. Coordinator for Accreditation, Reception and Transport committee of the 35 th National Games held at Thiruvanthapuram from 31 st January to 14 th February 2015 appointed vide G.O(Rt)No.02/15/S&YA dated 08.1.2015
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b) International committees –Nil

c) Editorial Boards

Sl. No.	Name of the faculty	Journal
1	Dr. Binu George Varghese	One, Editorial board member of Pesquisa online Research Journal, ISSN 2455-0736 (Print) & ISSN 24564052 (Online).

d) any other (Please Specify)

Sl. No.	Name of the faculty	Journal
1	Dr. Binu George Varghese	<ul style="list-style-type: none"> i) Member of the Academic council of Mahatma Gandhi University, Kottayam from 2009 onwards. ii) Member Secretary of the Board of Physical Education of Mahatma Gandhi University 2006 onwards. iii) Member of the core committee for the formulation of Syllabus for B.P.Ed. Degree of Mahatma Gandhi University, Kottayam. iv) Chairman of the core committee for the formulation of Syllabus for M.P.Ed Degree of Mahatma Gandhi University Vide U.O. No. 1717/Ac.AV/1/ SPESS/2012 dated 02/04/2012. v) Member of the faculty of Sports Science & Education of the University of Kannur Vide U.O.Acad C2 /8866/2008 dated 14/02/2012. vi) Member of the faculty of Science, Technology & Education of Sree Sankaracharya University of Sanskrit, Kalady, Vide U.O. Acad B1/14788/SSUS/2015 dated 14/06/2016. vii) Member Board of Examiners for valuation of Ph.D. Thesis of Manonmaniam Sundranar University, Tirunelveli, Tamil Nadu for the Year 2010-11. viii) Member Board of Examiners for valuation of Ph.D. Thesis of Manonmaniam Sundranar University, Tirunelveli, Tamil Nadu for the Year 2011-12. ix) Member of Board of Examiner for valuation of BPE and M.P.Ed papers of Mahatma Gandhi University, Kottayam 2011-13. x) Member of Board of Examiner for valuation of BPE and M.P.Ed papers of University of Kerala in the year 2010-12.



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- a. Resource person for the UGC sponsored National seminar on Nutrition and self care for health ageing organized by Bishop Kurialacherry College for Women, Kottayam from 14th to 15th January 2010.
- b. Resource person for the UGC sponsored National seminar on Recent Trends in Physical Education, Sports, Health Education, Yoga and Stress Management, Catholicate College, Pathanamthitta from 11th to 13th August 2010.
- c. Resource person for the UGC sponsored one day National Workshop in Sports Injuries, U.C. College, Aluva on 31st March 2011.
- d. Resource person for the National Seminar on Sports Science as a key to excellence in performance, Government college of Physical Education, Calicut from 7th to 8th March 2012
- e. Resource person for the UGC sponsored National Seminar on Physical Activity and New Age Diseases – Current Perspective, MES College, Mampad, Malapuram from 12th to 13th March 2012.
- f. Resource person for the UGC sponsored National Seminar on Nation’s Health: Mobilizing Youth through Physical Literacy and Physical Education, B.K College, Amalagiri, Kottayam from 16th to 17th January 2014, and presented a theme paper entitled GET-FIT-GET HEALTHY: Achieving the Abundant Life.
- g. Resource person for the UGC sponsored National Seminar on Yoga: A Panacea for Life Style Diseases, St. Thomas College of Teacher Education, Pala, and Kottayam from 23rd to 24th January 2014.
- h. Resource person for the UGC sponsored National Seminar on Prevalence and Control of Life Style Diseases in Kerala, Devamatha College, Kuravilangad, Kottayam from 6th to 7th February 2014, and presented a theme paper entitled An Analysis of School students attitude towards Physical Education and Sports
- i. Key Speaker in the valedictory Session of the UGC Sponsored National Seminar on Nutritional Strategies for enhancing Sports Performance organised by Assumption College, Changanacherry on 20th to 21st November 2014.
- j. Resource person for the UGC sponsored National Seminar on Emerging trends in Sports Psychology, organised by Baseliious College, Kottayam from 25th to 26th February 2015, and presented a theme paper entitled 35th National Games and Contribution of Sports Psychology in the Performance of Kerala teams.
- k. Resource person for the UGC Sponsored National Seminar Promoting wellness and fitness among educators organized jointly under the auspices of SPESS & Mount Carmel Training College, Kottayam 10th -11th March 2016



28. Student projects

- percentage of students who have done in-house projects including inter departmental projects - 100%
- percentage of students doing projects in collaboration with other universities/industry / School: - Nil

29. Awards / recognitions received at the national and international level by

1. Letter of Appreciation from Secretary Sports, Government of Kerala for the excellent performance of Kerala team in 35th National Games and for meticulously discharging the responsibilities of Secretary, Kerala State Sports Council during my tenure from 2014-2016.
2. Letter of appreciation by the Hon’ble Vice Chancellor, Mahatma Gandhi University for being instrumental in winning the All India Inter University Athletics Championship 2012-13.
3. Letter of Appreciation from the principal K.E. English Medium School for the support and guidance for the successful conduct of All Kerala ICSE/ISC Inter School Athletic Meet 2012-13.
4. Letter of Appreciation from the President, Association of College Teacher’s In Physical Education, Mahatma Gandhi University for taking the lead to organise two workshops titled Physical Education in the Restructured Undergraduate Education grading in CBCSS System in 2009.
5. Certificate of appreciation by the Hon’ble Vice Chancellor, Mahatma Gandhi University for Successful conduct of Gandhi Jyothi Yatra and 24th foundation Day celebration of Mahatma Gandhi University in 2006.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Sl. No.	Activity	Date & Venue	Out Standing Participants
1	UGC Sponsored National Seminar	14 th to 15 th January 2010, B.K. College, Amalagiri	Dr. Anil. R Dr. Jayasree Acharya Dr. Usha Nair
2	UGC Sponsored National Seminar	13 th to 15 th August 2010, Catholicate College, Pathanamthitta	Dr. Anil. R Dr. Mani Lal Dr. V.R Bhore
3	UGC Sponsored National Seminar	16 th to 17 th January 2014, B.K. Amalagiri	Dr. Jose Joseph (MD) Dr. Anil R
4	UGC Sponsored National Seminar	10 th -11 th March 2016 Mount Carmel college of Teacher Education, Kottayam	Dr.Kannan Pugazhendi Dr. Jose James Dr. Shylaja Mohan

31. Code of ethics for research followed by the departments:

Research involves a great deal of cooperation and coordination among many different people and ethical standards promote the values that are essential to collaborative work, such as trust, accountability, mutual respect, and fairness. Ethical norms in research also help to build public and official support for research. The School of



Physical Education and Sports Sciences gives high priority to research as one of its most important contributions to the society and the discipline. The School pursues a research ethos that promotes ethical responsibility in the quest for knowledge and the development, conservation and transfer of knowledge. The School focuses on endeavours to eliminate unacceptable practices within the research community.

32. Student profile programme-wise:

Name of Programme	Year	Application received	Selected		Pass percentage	
			Male	Female	Male	Female
MPEd	2012	113	21	9	96%	100%
MPEd	2013	108	16	11	100%	100%
MPEd	2014	91	19	6		
PhD	2015	10	7	Nil		

33. Diversity of students

Name of the programme	% of students from the same University	% of students from University within the State	% of students from the Universities outside the State	% of students from other countries
MPEd	40%	50%	10%	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NET -11
JRF -6

35. Student progression:

Student Progression	Percentage against enrolled
UG to PG	NA
PG to M Phil	1%
PG to Ph.D	3%
Ph.D to Post Doctoral	Nil
Employed	96%
<ul style="list-style-type: none"> Other than Campus recruitment 	



36. Diversity of staff: No permanent staff

Percentage of faculty who are graduates	
Of the same university	0
From other universities within the State	75
From universities from other States	25
From universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

- a) **Library** - Total area of the library - 300 sqft
 - Books - 790
 - Thesis - 15
 - Reference - 24
- b) Internet Facility: 24 x7 Wi-Fi Internet facility available for students and staff
- c) Total Number of Class rooms - 4
- d) Class Rooms with ICT facility - 2
- e) Research Sports Science Lab - 4

39. List of doctoral, post-doctoral students and Research Associates:

a) from the host institution/ University

SI No	Name of Scholar	Doctoral
1	JOSE JOHN	PhD
2	DIYA VARGHESE	„
3	NAVEEN PAUL	„
4	PARVEEN THARIYAN	„
5	SINI PAUL VALAYIL	„
6	SUBHASH CHANDRA	„
7	INDU P NAIR	„
8	CEBY GEORGE	„
9	SOJI JOSEPH	„

b) from other institution/ Universities -NIL



40. Number of post graduate students getting financial assistance from the university:
Nil

Programme	Details of Scholarships					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
	e-grants	e-grants	e-grants	e-grants	e-grants	e-grants
MPEd	NIL:	₹ 334879	₹334879-	₹ 334879	₹ 334879	₹ 334879
Ph.D.						₹ 11250
Sports Scholarship	₹ 350000	₹ 350000	₹ 350000	₹ 350000	₹ 350000	₹ 350000
Sports Merit Award	₹ 425666	₹ 425666	₹ 125000	₹ 425666/-	₹ 608000	₹ 396000/-

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, The School of Physical education and Sports Sciences which was established in the year 1983 and was upgraded as a statutory teaching department in the year 2003 as there was no recognized research centers in Physical Education in the state of Kerala. The School was approved as a research center in the year 2003 itself. Further it was a long demand from the sporting fraternity to start post graduate programme in Physical Education as there was a huge shortage of qualified man power in the higher education sector especially after the implementation of Right to education, and there was only two institution in Kerala offering post graduate programme even though there were many offering graduate course. Hence being a University known for its sporting achievement across the nation it was decided to restart post graduate Programme in Physical Education in the School from the academic year 2012 onwards.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The Faculty Council analyses the feedback and makes necessary changes and additions.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The Faculty Council analyses the feedback and makes necessary changes and improvements in the curriculum and teaching –learning-evaluation process.



c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedback from alumni is generally collected during the annual alumni meeting. Feedback from the alumni and employers are very important as they represent the changing trends in modern sporting fraternity. Faculty Council analyses their feedback and usually incorporates it in the teaching –learning process as it helps to avoid a gap between the skills achieved by students and the requirements of the workplace.

43. List the distinguished alumni of the department (maximum 10):

Sl No.	Name	Current Position	Remarks
1.	Anilda Thomas	Senior Superintendent, Forest Headquarters, Thiruvananthapuram	Olympian, Athletics
2.	O.P Jaisha	Senior Clerk, South Central Railway	Olympian, Athletics
3.	Jinson Johnson	Havildar, Indian Army	Olympian, Athletics
4.	Gopi T	Havildar, Indian Army	Olympian, Athletics
5.	Sri. Vishnu Lakshman	Assistant Professor, B.M College of Arts and Commerce, Ernakulam.	
6.	Sri. Jinneth Mathew	Assistant Professor, Naipunya College, Cherthala	
7.	Sri. Tony Thomas	Assistant Professor, Pazhassi Raja College, Wayanad	
8.	Sri. Shameem P	Assistant Professor, MES College, Kondotty, Malappuram	
9.	Sri. Ajesh P	Assistant Professor, Illahia Arts College, Muvattupazha	
10.	Sri. Deepu S	PET in Physical Education, Kendriya Vidyalaya	

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

2012-13

- Special lectures by Dr. Jose James, Former Registrar, Mahatma Gandhi University on Sports as a Profession.
- Special Lecturer by Dr. Anil Ramachandran, Associate professor, P.K.M Training College, Kannur on the topic Research Methodology in Physical Education



2013-14

- Special Lecture by Dr. S. Manilal, Senior Scientist, SAI Patiala on the Role of Sports Science in High Performance Sports.

2014-15

- Special Lecturer by Dr. Jayasree Acharya, Professor, LNIPE Gwalior on Psychology of Coaching.
- Special Lecturer by Dr. Joselet Charles, Professor, L.N.C.P.E, Thiruvanthapuram on the topic Test and Measurement in Physical Education

45. List the teaching methods adopted by the faculty for different programmes.

Teaching methods adopted include both traditional and modern methods like lectures, Audio-visual aids, Internet Sources, Power Point Presentations, demonstrations etc

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The School ensures that programme objectives are constantly met and learning outcomes are monitored through a continuous process by modifying the syllabus as the need dictates. The performance of students is evaluated through examinations and teacher's performance is constantly evaluated through the feedback from students at the end of each year. The School always seeks the expert opinion from national experts from the field. The feedback from the alumni is also considered in revamping the programmes.

47. Highlight the participation of students and faculty in extension activities.

The students and university community as well as students from other institutions make use of the facilities of the school.

48. Give details of “beyond syllabus scholarly activities” of the department

For sharing knowledge and expertise, and helping the community to benefit from the knowledge resources available within the School, the consultancy projects are undertaken by the School, which also generate revenue for the School.

- The School runs a fitness centre, in which people of all ages and sex participate and improve their fitness and health.
- Faculty and students also provide their services in organizing, officiating and conduct of sports events across the country.
- Summer coaching camps are organized for kids in different sports.



49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The 'School of Physical education and Sports Sciences is conceived as a centre of higher learning and a center of excellence for competitive sports. The School has contributed to the Nation by producing a large pool of talented Sports persons who have not only brought glory to the University, State but also to the Nation at large through the performance of its stalwart and Olympians like Shyni Wilson, Wilson Cherian, Padmini Thomas, Sebastian Xavier, Manoj Lal, Chitra k Soman, Preeja Sreedharan, Sini Jose, Geethu Anna Jose, O.P. Jaisha to name a few. Since inception the School has been able to produce 7 Awardees, 10 Olympians, 15 Asian games athletes' and more than 200 internationals which itself is self explanatory of the contribution of the School in the field of Sports and Physical Education. Besides this the school is actively engaged in developing leaders in the field of Physical Education and research related to allied domains of Physical Education and Sports.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Our rich pool of talented and hardworking athletes.
- Hardworking, Sincere and dedicated service of the coaches, faculties and administrative Staff of the department.
- Unique innovative schemes and incentives to attract most talented Sports person to the university.
- The innovative curriculum that bridges the gap between the skills achieved by the students and the requirements of the workplace.
- The School has produced 7 Arjuna awardees, 10 Olympians, 11 Asian Games athletes and more than 750 International Athletes since inception.

Weakness

- The department was established in 1983, the school has limited Modern Sports Infrastructure at present, which acts as a hindrance for expansion activities.
- There is a shortfall of four permanent faculty members in the School. But this weakness is addressed by utilizing the services of Guest Lecturers.

Opportunities:

- There exists a huge demand – supply gap in the field of Physical Education and Sports which provides an opportunity for the institution to supply trained manpower according to the requirements.
- To train the University high performing athletes with the support of Sports Science.



Challenges:

- Development of Modern sports infrastructure.
- Filling up of the existing vacancies of faculties and coaches

52. Future plans of the department.

- Development of Modern Sports infrastructure like 400 mtrs Synthetic Track, Olympic size Swimming Pool and Multi Purpose Indoor Stadium.
- To emerge as a leading Sports training centre.
- To establish a full fledge laboratory of Sports Sciences like Performance Psychology, Performance Analysis, Exercise Physiology, Sports Nutrition and Sports medicine and to emerge as a premier institution training elite athlete with the support of sports science.



SCHOOL OF PURE AND APPLIED PHYSICS (SPAP)

1.	Name of the Department	:	School of Pure & Applied Physics			
2.	Year of establishment	:	1983			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Science			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	M.Sc Physcs M.Phil Physics Ph.D Physics			
5.	Interdisciplinary programmes and departments involved	:	Interdisciplinary course on Nanoscience is being offered as elective for PG students			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	PG Elective courses in Astronomy & Astrophysics are run in collaboration with the Inter University Centre for Astronomy & Astrophysics (IUCAA), Pune (Autonomous Institution set up by the UGC) under a MoU			
7.	Details of programmes discontinued, if any, with reasons	:	Nil			
8.	Examination System	:	Choice Based Credit and Semester System			
9.	Participation of the department in the courses offered by other departments	:	Classes are offered by faculty for courses offered by other centres at Centre for Nanoscience & Nano Technology, Institute for Intensive Research in Basic Sciences, National Institute for Plant Science Technology. The Department offers Open Course for students from other schools and our students attend Open Courses offered by other departments.			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/ Associate Professors/Asst. Professors/others)	:		Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	Nil	2
			Associate Professors	2	Nil	1
			Asst. Professors	8	7	4
			Others	Nil	Nil	Nil

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	Experience	No of PhD /MPhil students guided for the last 6 years
Dr. C Sudarsanakumar	MSc, PhD	Professor	Crystallography	22	PhD:3, MPhil:6
Dr. Indulekha K	MSc, PhD	Professor	Astrophysics	26	PhD:4 MPhil:5
Dr. Nandakumar KalaKalarikkal	MSc, PhD	Associate Professor	Materials Science	22	PhD:8 Mphil:5
Dr. S Antony	MSc, PhD	Assistant Professor	Solar Physics	10	PhD:1 MPhi:4=5
Mrs. Saritha A C	Msc, MTech	Assistant Professor	Material Science	10	PhD:0 MPhil:1
Dr. Cyriac Joseph	MSc, PhD	Assistant Professor	Materials Science	08	PhD:2 MPhil:5
Dr. P R Biju	MSc, PhD	Assistant Professor	Materials Science	07	PhD:1 MPhil:6
Dr. C Venugopal	MSc, PhD	Professor up to 2014	Plasma Physics	30	PhD:3 MPhil:5
Dr. N V Unnikrishnan	MSc, PhD	Professor up to 2014	Materials Science	30	PhD:8 MPhil:6



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sl.No	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Dr N V Unnikrishnan	Emeritus Scientist – KSCSTE	Laser spectroscopy
2.	Dr Chandu Venugopal	Emeritus Scientist /Visiting Professor	Plasma Physics
3.	Dr Moncy V John	Visiting Professor	Theoretical Physics

13. Percentage of classes taken by temporary faculty – programme-wise information:

Programme	2011	2012	2013	2014	2015	2016
M.Sc	Nil			38	38	38
M.Phil				25	25	25
Ph.D				25	25	25

14. Programme-wise Student Teacher Ratio:

Programme	Student Teacher Ratio
M.Sc.	4:1
M.Phil.	1:1
Ph.D.	3:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Support staff	Sanctioned	Filled and actual
Technical	7	5
Administrative Staff	4	3

16. Research thrust areas as recognized by major funding agencies:

- Materials Science
- Nanoscience
- Biophysics
- Plasma Physics

- Astrophysics (National pooled fund)

17. Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) national

Sl. No	Project Title	Period	Funding agencies	Amount in lakhs(₹)
Dr Nandakumar Kalarikkal				
1.	Nanoparticle aggregation behavior in polymer nanocomposites	2014-2017	UGC-DAE-CSR Kolkata	7.89
2.	'Design and applications of magnetically responsive self-assembled polymer nanocomposites	2016-20	DST-Nano Mission	200.00
3.	Physics of Cavitation Bubbling and Hydrogen Generation during Liquid Phase Laser Ablation	2016 -18	BRNS	34.96
Dr N V Unnikrishnan				
4.	Sol Gel Shaping of nanostructures and their characterization of Plasmonic application	2014 -17	KSCSTE	15.0
5.	Sol-Gel Synthesis and characterization of tellurite based device materials	2012-2015	UGC- CSIR	15.42

b) international

Sl. No	Project Title	Period	Funding agencies	Amount in Lakhs(₹)
Dr Nandakumar Kalarikkal				
1.	Biobased scaffold, membrane and hydrogel for improved wound healing and bone regeneration (BIOHEAL)	2017-2019	International project-Swedish Research Links-(Indian Collaborator)-	8.00

Total grants received: ₹ 281.27 Lakhs



18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

Sl. No	Project Title	Period	Funding agencies	Amount in Lakhs(₹)
Dr Indulekha K				
1.	National pooled funds utilized for the promotion of teaching & research in Astronomy & Astrophysics		MoU with (IUCAA, Pune)	
2.	National pooled funds utilized for science development for the Square Kilometer Array		MoU with Square Kilometer Array India Consortium	

b) International

SL.No	Project Title	Period	Funding agencies	Amount in Lakhs(₹)
Dr Indulekha K				
1.	National pooled funding by India TMT (Thirty Meter Telescope)		International Science Development Team for Milky Way & Nearby Galaxies	

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sl. No	Project Title	Period	Funding agencies	Amount in Lakhs(₹)
1.	DST –FIST To strengthen the post graduate, teaching and research facility in the department	2010-15	DST	40.00
2.	UGC SAP DRS Phase I	2009-14	UGC	62.40
3.	UGC SAP DRS Phase II	2016-21	UGC	103.00
4.	DST-PURSE	2012-16	DST	225.00
	Total			₹ 430.4

Total grants received: ₹ 430.4 Lakhs

20. Research facility / centre with

- State recognition : YES
- National recognition : YES
- International recognition : YES

21. Special research laboratories sponsored by/created by industry or corporate bodies : Nil**22. Publications:**

Sl. No	Publications	Total
1.	Refereed Journal Publications	222
2.	Monographs	Nil
3.	Conference Proceedings	Nil
4.	Chapters in Books	9
5.	Edited Books	6
6.	Books authored with ISBN	Nil
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	6
9.	Total	243

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :

- 199 (With IF) + 10
- Citation Index – range / average : 3625 Average : 362
- SNIP : Nil
- SJR : Nil
- Impact Factor – range / average : 0.37 - 6.227 / 2.1
- h-index : 10

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : 5.60 L

25. Faculty selected nationally / internationally to visit other laboratories / institutions/industries in India and abroad :

Sl. No.	Name of the faculty	Details of Laboratory
1.	Dr.Nandakumar K	Visit Jawaharlal Nehru Centre for Advanced Research, Bengaluru,
2.	Dr K Indulekha	Inter-University Center for Astronomy & Astrophysics Pune and National Center for Radio Astrophysics, Pune



26. Faculty serving in :

a) National committees:

Sl. No.	Name of the faculty	Committee
1.	Dr K Indulekha	<ol style="list-style-type: none"> 1. Member, Executive Committee, Square Kilometer Array India Consortium (signatory-DAE) 2. Member Science Sub Committee, Square Kilometer Array India Consortium (signatory-DAE) 3. Member Technical Sub Committee, Square Kilometer Array India Consortium (signatory-DAE) 4. Member, Square Kilometer Array HI Science Working Group (signatory- DAE) 5. Member, Thirty Meter Telescope India –HRS Working Group (signatory- DST) 6. Convener of Parallel Session in Astronomy & Astrophysics, 19th National Space Science Symposium, VSSC -2016 7. Member, Scientific Organizing Committee of the Astronomical Society of India (2010 -2013) 8. Visiting Associateship of the Inter University Centre for Astrophysics, Pune 9. Life Member, Astronomical Society of India 10. Life Member, Indian Institute of Science Alumni
2.	Dr C Sudarsanakumar	<ol style="list-style-type: none"> 1. Life Member, Indian Crystallographic Association 2. Life Member, Alumnus, IIT Chennai
3.	Dr C Venugopal	<ol style="list-style-type: none"> 1. Life Member, American Geophysical Union
4.	Dr N V Unnikrishnan	<ol style="list-style-type: none"> 1. Life Member, Indian Laser Association 2. Life Member, Indian Crystallographic Association
5.	Dr. Nandakumar Kalarikkal	<ol style="list-style-type: none"> 1. Life Member, Indian Physics Association 2. Life Member, Plasma Science Society of India
6.	Dr Cyriac Joseph	<ol style="list-style-type: none"> 1. <i>Life Member, Indian Crystallographic Association</i>
7.	Dr P R Biju	<ol style="list-style-type: none"> 1. Life Member, Indian Laser Association
8.	Mrs Saritha A C	<ol style="list-style-type: none"> 1. Life Member, Photonics Society of India

b) International committees

Sl. No.	Name of the faculty	Committee
1.	Dr K Indulekha	1. Member, International Science Development Team, Thirty Meter Telescope (signatory-DST) 2. International Affiliate Member, American Astronomical Society
2.	Dr C Sudarsanakumar	1. Life Member, Alumni, Ohio State University, USA 2. Member of the Institute of Physics, USA. 3. Member of American Chemical Society
3.	Dr N V Unnikrishnan	1. Member of American Chemical Society

b) Editorial Boards : Nil

c) any other (please specify)

Sl. No.	Name of the faculty	Committee
1.	Dr K Indulekha	Reviewer for Journal of Astrophysics & Astronomy
2.	Dr C Sudarsanakumar	Reviewer of the following journals 1. Material Science in Semiconductor Processing 2. Journal of Molecular Modelling <i>Member of Board of Studies:</i> <ul style="list-style-type: none"> ▪ Department of Physics, CUSAT, Cochin ▪ Department of Instrumentation, CUSAT, Cochin ▪ Department of Optoelectronics, University of Kerala ▪ Department of Physics, CMS College, Kottayam ▪ Department of Physics, SB College, Changanassery
3.	Dr N V Unnikrishnan	1. Reviewer of the following journals 2. Journal of non crystalline solids 3. Materials letters 4. Journal of analytical and applied pyrolysis 5. Journal of luminescence 6. Physica b: physics of condensed matter 7. Optical materials 8. Materials chemistry and physics 9. Advances in chemistry and material science 10. Materials science and engineering 11. Applied surface science 12. International journal of biochemistry and biotechnology 13. Journal of modern optics 14. Journal of the chemical society of Pakistan 15. Journal of optoelectronics and advanced materials 16. The journal of physical chemistry



4.	Dr. Nandakumar Kalarikkal	Reviewer of the following journals <ul style="list-style-type: none"> ▪ RSC Advances ▪ Journal of Sol-Gel Science and Technology ▪ Journal of Materials Science ▪ Journal of Magnetism and Magnetic Materials
5.	Dr Cyriac Joseph	Reviewer for Journal of Crystal Growth <ul style="list-style-type: none"> ▪ Journal of Physics and Chemistry of Solids ▪ Journal of Luminescence ▪ New Journal of Chemistry ▪ Thin Solid Films Spectrochimica Acta
6.	Dr P R Biju	Reviewer of the following journals <ul style="list-style-type: none"> ▪ Journal of Luminescence ▪ Journal of electronic Materials ▪ Journal of Alloys and Compounds

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

No of Refresher courses attended	6
No of Orientation Programs attended	2
No of Faculty Development Programs	1
No of Workshops attended	16

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	20%
Percentage of students doing projects in collaboration with other universities / industry / institute	80%

29. Awards / recognitions received at the national and international level by

a) Faculty

Name of the faculty	Details
Dr. Antony	UGC research award 2015

b) Doctoral / Post-doctoral fellows –

Doctoral / Post-doctoral fellows	Details
Rithesh Raj	Best Oral presentation by at the National seminar on Advances in Crystal Growth and Nanotechnology held at CSM College Kottayam during Jan 15-16, 2016
Raneesh B	Second position in poster presentation, The second international conference on Optoelectronic materials and Thin films for Advanced Technology (OMTAT 2013), Cochin University of Science and Technology, Cochin, January 3-5, (2013)
Ms Rehana P Ummer,	Best award for oral presentation, 15 th National Symposium on Material Science , IIT Bombay, Mumbai May 18-24 (2015)
Ann Mary K A	Best paper Award in Physical Science in the 26th Kerala Science Congress held at Kerala Veterinary and Animal Science University Wayanad during 28 to 31 Jan 2014
Prasanth S	Best poster Presentation award to, in the national seminar on Photonics and Its application held at University of Kerala during Dec 9-11 2015
Remya Mohan	Best Poster Award for at the National Seminar on nano-scale Science & Technology, Devamatha College, Kuravilangad 2015
El Hadji Mamour Sakho	Best Poster Award at the International Conference on Advanced Materials for Power Engineering 2015 conducted by Wroclaw Technical University & Mahatma Gandhi University 2015
Robin Agustine	<ol style="list-style-type: none"> 1. International Conference on membranes, organized by the Centre for Environment Education and Technology (CEET), Advanced Centre of Environmental studies and sustainable Development (ACESSD), Mahatma Gandhi University, Kottayam. Best poster award 2. Biomedicine 2014, National seminar organized by Pushpagiri Research centre, Tiruvalla, Kerala, May 3rd, (2014). Obtained Best poster award 3. Second International Conference on Nanomaterials: Synthesis, Characterization and Application. Organised by Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, January 12-15 (2012) Obtained Second prize in poster presentation 4. International conference on Tissue Engineering and Regenerative medicine (ICAPM_2013), Organised by centre for excellence in tissue engineering, National Institute of Technology, Rourkela, Odisha, November 15-17 (2013) Obtained Best award for Oral presentation



c) Students – Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any:

Year	Seminars/ Conferences/Workshops	Source of funding	outstanding participants
2010	National workshop on Materials characterisation by diffraction Methods, M G University Kottayam, February 24-25, 2010	UGC-SAP	Dr.Santhosh Kumar PN Dr. Manoj N, IIT Madras
2011	National workshop on Mathematical Methods in (Astro)Physics, M G University Kottayam, March 23-25, 2011	MGU & IRC, Kochi	Dr. Gayatri Vivekanand Prof.M Sabir, CUAAT
2012	National Seminar on Advanced Materials, SPAP M. G. University, January 19-20, 2012.	UGC SAP	Prof. CP Grija Vallabhan, Prof. VPN Nanmburi CUSAT
2013	National seminar on 100 years of crystallography, 2013, SPAP , Mahatma Gandhi University, Kottayam.	MGU	Prof. P kumardhas. Periyar University
2014	1. IYCr 2014, funded by Kerala State Council for Science Technology and Environment, Govt. of Kerala 2. National seminar on photonics June 26 (2014) 3. International Conference on Plasma & Nanotechnology and 29th National Symposium on Plasma Science & Technology 8-11 Dec 2014 (PLASMA-2014) 4. Inculcate Science Propagation Program by Govt. of Kerala, 27 Sep 2014	KSCSTE MGU BRNS KSCSTE Gov. Of Kerala	Prof. MRN Murthy IISC Bangalore Dr. Reji Philip,RRI, Bangalore Dr. PK Suresh, Central University Hyderabad Pathamasree Dr. PI Jhone, Former Director IPR
2015	1. Seminar on “The Hunt for the Blue LED”-SPAP, 14, October, 2015 2. Seminar on Piezoelectric Thin Films – Influence of film texture for MEMS. SPAP, 18 June 2015.	MGU MGU	Prof. NV Unikrishnan Dr. S Anil Kumar IISC, Bangalore

31. Code of ethics for research followed by the departments:

Codes of ethics are adhered to by the Department. Research papers and dissertations are cleared through software for checking plagiarism. Necessary licensed software for Mathematica, Matlab, Windows etc are made available for the students by the department in addition to free and Open Source Software. We follow good laboratory practices in the matter of disposal of waste and dangerous materials.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Ph.D	33	16	17	100 %	100 %
MPhil	367	15	35	100 %	100 %
MSc	2340	22	77	91%	96%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other Universities with in the state	% of students of students from Universities from Outside state	% of students of students from other countries
Ph.D	47%	30%	20%	3%
M Phil	75%	20%	5%	Nil
M Sc.	30%	70%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

2010-16

SET/SLET	NET	GATE	State PSC
01	10	15	07

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	20%



PG to Ph.D.	30 %
Ph.D. to Post-Doctoral	10 %
Employed Campus selection Other than campus recruitment	Nil 50 %
Entrepreneurs	Nil

36. Diversity of staff:

Percentage of faculty who are graduates	
Of the same university	43
Of other universities within the State	28
Of universities of other States	29
Of universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library	Yes, 4755
b) Internet facilities for staff and students	Yes
c) Total number of class rooms	4
d) Class rooms with ICT facility	Yes
e) Students' laboratories	3
f) Research laboratories	13 <ul style="list-style-type: none"> • Synthesis Lab • Characterization and testing lab • Advanced material Lab • Thin film Physics • Biomolecule • Plasma Physics • Sol-Gel Lab • Solar Physics • Crystalline Materials • Optoelectronics Lab • High computing Lab • Crystallographic Lab

39. List of doctoral, post-doctoral students and Research Associates
a) from the host institution/university :

Name of Guide	Name of Scholar	Post-doctoral
Dr C Sudarsanakumar	Vineeshkumar P V Prashanth S Haris P Mary Varghese Aparna P	--
Dr. Nandakumar KalaKalarikkal	Parvathy N Ann Rose Abraham Rehana P Ummer (<i>Awarded</i>)	--
Dr Cyriac Joseph	Sisira S Vimal G(<i>Awarded</i>) Kamal P Mani(<i>Awarded</i>)	--
Dr C Venugopal	Sreekala G Manesh Michael Anu Varghese Savithri Devi	--
Dr P R Biju	Viji Vidyadharan(<i>Awarded</i>) Remya Mohan P	--
Prof. N V Unikrishanan	Sajna M.S Prakashan V. P	--



b) from other institutions/universities :

Name of Guide	Name of Scholar	Post-doctoral
Dr C Sudarsanakumar	Rithesh Raj D Riju K Thomas	--
Dr. Nandakumar KalaKalarikkal	Anshida Mayeen El Hadji Mamour Sakho (Awarded)	--
Dr Cyriac Joseph	Dinu Alexander Kukku Thomas Linchu Ann Jacob Sanu Mathew Simon	--
Dr C Venugopal	Sijo Sebastian	---
Dr P R Biju	Anns George Saritha K Jose Sreeja E Subash Gopi	---
Prof . N V Unikrishanan	Rani George Manju Gopinath	Dr. Anoop Dr . Gejo
Dr. S Antony	Akhila J C Kumar	--

40. Number of post graduate students getting financial assistance from the university: 23

Mention the e grants students No (2010-16)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes. The Faculty Council assessed that to combat the shortage of faculty it would be good to develop our own MOOCs for teaching purposes. The suggestion which came up from one of the faculty was put up in the Faculty Council and after thorough discussion of the pros and cons a decision to go ahead with the planning was made. It was proposed to enter into new MoUs with national / international institutions for more effective implementation of the same and conduct brainstorming sessions for settling the details.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes. Discuss the matter in the department council and suggest appropriate measures
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes. Discuss the matter in the department council and suggest appropriate measures
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes. The department council regularly discuss the feedback from Alumni and design future academic strategies accordingly

43. List the distinguished alumni of the department:

Sl No.	Name	Current Position	Remarks
1.	Dr Rahul R Nair	Professor of Material Physics and Fellow of Royal Society Condensed Matter Physics Group, University of Manchester and a Royal Society University Research Fellow.	Member in the Research team of Prof Andre Geim who won the Nobel Prize in Physics for work with Graphene. He has been awarded the Moseley Medal & Prize for Early Career Researchers by the Institute of Physics.
2.	Prof. Ajith Parameshwaran	Associate Professor, International Centre for Theoretical Sciences TIFR.	Detection of gravitational waves. Breakthrough 1million US\$ Prize in Fundamental Physics awarded to the LIGO Team for detection of gravitational waves.
3.	Dr Gin Jose	Chair in Functional Materials at the University of Leeds	Developed a small device with low- powered lasers to measure blood glucose levels without penetrating the skin. It could give people a simpler, pain-free alternative to finger pricking.
4.	Dr G Ajith Kumar	Post-doctoral fellow, University of Texas, San Antonio, USA	Recipient of SPIE Green Photonics Award for work on "Infrared excited Yb: Er: Y ₂ O ₂ S phosphors with intense emission for lighting applications"
5.	Dr Pramod Gopinath	Director, International School of Photonics, Cochin University of Science & technology	
6.	Dr K N Narayanan Unni	Director, Photochemistry Laboratory NIIST (CSIR) Trivandrum	
7.	Dr Naslim Neelamkodan	EACOA Fellow at Academia Sinica Institute of Astronomy and Astrophysics (ASIAA)	discovery of the most Zirconium rich Star till date



8.	Dr Harsha S Kumar	Manitoba University, Canada	
9.	Dr Vinu Vikram	Kavli Institute for Cosmological Physics as KICP Associate Fellow.	
10.	Joji Joykutty	Intellectual Property (IP) Analyst at General Electric Global Research Center in Bangalore	

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

1. Talk by John Philip Head SMARTS IGCAR Kalpakkam, TN 'Light and the Nano World' 25th Feb 2016
2. Dr A M Vinodkumar Calicut University Fusion : Quest for Super Heavy Elements 6 April 2016
3. Radio Astronomy Data & Its Analysis by Rabi Akkiba Angiras Member SKAIC Science Working Group 11 Jan 2016
4. Einstein Lecture Series on Gravitational Waves partially funded by ICTS TIFR Bala Iyer Feb 2nd 2016
5. Talk by Dileep Karanth University of Toledo, Erudite Lecture on Pseudopotential studies of nanowires and nanorings September 28 2015
6. Infosys Science Foundation Lecture by Prof G Ravindra Kumar Extreme Light Extreme States 29 March 2016

45. List the teaching methods adopted by the faculty for different programmes:

Power point presentations, Problem solving session, interactive sessions, suggested online material, abstract / quantitative reasoning training

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Assessment through internal test, seminars, assignments and examinations

47. Highlight the participation of students and faculty in extension activities

1. Visiting Charity institution and financial assistance through donation
2. Cleaning the department and premises in connection with Swachh Bharath Yojana
3. Faculty contribute to science blogs in the regional language
4. Faculty contribute to programs of the All India Radio as well as visual media in both English as well as the Regional Language aimed at raising the scientific temper of the nation
5. Faculty guide student projects at the national level in KVPY, IISER and

NISER summer programs

6. Faculty guide students from affiliated colleges in their M Sc course projects

48. Give details of “beyond syllabus scholarly activities” of the department:

- Students are encouraged to participate and present work in Workshops and Schools which train them in advanced methods related to the contemporary research endeavors of the nation.
- Providing training in scientific instruments.
- Students are participating in Quiz completion conducted by other institutions and students are participating in competitive cultural programs.
- Students are encouraged to give seminars on topics of their own choice of current and / or historical interest.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The department has made many meaningful contributions to the field of Materials Science, Nanoscience, Materials for Medical Applications, Quantum Optics, Photonic Materials, Crystalline materials, Magnetic Materials, Molecular Basis of the Therapeutic Properties of Biological Materials, Plasma Physics, Solar Physics and in development in Astronomy & Astrophysics. The advancements have been recorded in more than 200 publications and chapters in Books. Contributions to Science Development have gone into the Detailed Science Cases and Reports of Working Groups for telescopes in the planning stage wherein India is a participant.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strength

- Trained and research oriented technical support.
- Funding support from National State and Internal agencies.
- Variety and scope of the fields of research.
- Very good organizational work culture.
- Very good sophisticated instrument facility.

Weakness

- The Faculty group is small due to unfilled posts.
- Students at entry have little training in abstract / quantitative reasoning.
- There is pressure on the student community due to paucity of jobs suited to their talents and qualifications.



- Difficulties in carrying the fruits of research to product level due to lack of support for product development.

Opportunities

- There is scope for attracting world class faculty to the unfilled posts.
- Training in abstract / quantitative reasoning will put them head and shoulders above their compatriots.
- There is scope for exploring ways and means to broaden the scope of physics courses to garner more job options.
- Tie-ups with industry / technical training institutions as a means for laying the ground work for product development.
- There is scope for promoting training programs in abstract quantitative reasoning.

Challenges

- Development of training modules for students to develop global competitiveness.
- Exploring means to alleviate economic pressures on students that quite often prevent bright students from entering a research career.
- Social facilitation for women to effectively take up academic / research careers without compromising on their family life.
- Generating more academic / research related jobs which currently are few and far between the higher the qualification of the job-seeker.

52. Future plans of the department.

- Intensifying research activities in the field of Nano-materials for biomedical applications.
- Offering a new courses in developing fields in physics at MSc / MPhil level.
- Submission of new project proposals for funding in various socially relevant research schemes.
- Convening conferences in joint collaboration with national and international institutions.
- Intensifying international collaboration leading to MoUs that facilitate student exchange.
- Exploring technologically useful optical and magnetic materials.
- Theoretical investigations of level widths in photonic materials.
- Inter -departmental efforts with the School of Computer Sciences for technical and scientific training of students in evolving methodologies for the computer science and computer application related components of the work flow of the Indian contribution to the Square Kilometre Array –the

largest Radio Telescope in the world, a multi-national initiative of which India is a member, with the DAE as signatory.

- Establishing the molecular basis of the therapeutic effectiveness of Ayurveda
- Exploring plasma wave instabilities in multi-ion space plasmas.



SCHOOL OF SOCIAL SCIENCES

1.	Name of the Department	:	School of Social Sciences			
2.	Year of establishment	:	1989			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Faculty of Social Sciences			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	<ul style="list-style-type: none"> • MA. History • MA Anthropology • MPhil General Social Sciences • MPhil Social Transformation and Empowerment • MPhil Human Ecology and Natural History • Ph.D Social Sciences 			
5.	Interdisciplinary programmes and departments involved		From the inception of the School it has been practicing interdisciplinary research and teaching.			
6.	Courses in collaboration with other universities, industries, foreign institutions, etc		No			
7.	Details of programmes discontinued, if any, with reasons		No			
8.	Examination System		Semester (Choice Based Credit System)			
9.	Participation of the department in the courses offered by other departments		M.A. students audit open courses offered by other Schools of the university			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)			Sanctioned	Filled	Actual(including CAS & MPS)
			Professor	1	0	0
			Associate Professors	2	2	2
			Asst. Professors	4	2	2
			Others	3	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D./MPhil. Students guided for the last 6 years
Dr.Raju S	Ph.D	Associate Professor	Economic Anthropology Interdisciplinary social science research methodology, all fields of Social Sciences	25	PhD=9 M.Phil=10
Dr. P. Sanal Mohan	Ph.D	Associate Professor	Ethnography, Social History, Subaltern Studies, and all fields of social sciences	23	PhD=3 M.Phil=8
Smt. Radhika P.	M.Phil	Assistant Professor	Historical sociology, gender studies, Historiography, All fields of social sciences	20	PhD=3 M.Phil=10
Dr. Rajesh Komath	Ph.D	Assistant Professor	Development Studies, Folkloristics, Social theory and all fields of social sciences	10	PhD=3 M.Phil=11
Dr.Girishkumar TS	Ph.D	Professor	Philosophy	Retired May 2016	
Dr.K T Ram Mohan	Ph.D	Professor	History of Development, Political Economy, Economic History, Global Commodity Chains		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Prof. M.G.S. Narayanan;
- Prof. KeshavanVeluthat.



13. Percentage of classes taken by temporary faculty- Programme-wise information.

M.A. (History)	15%
M.A. (Anthropology)	50%
M.Phil (General Social Sciences)	15%;
M.Phil (Social Transformation and empowerment)	25%;
M.Phil (Human Ecology and Natural History)	25%
PhD (all fields of social sciences)	10%

14. Programme-wise Student Teacher Ratio:

PG	4:1
MPhil	4:1
Ph.D	6:1

15. Number of academic support staff (technical) and administrative staff: Sanctioned, filled and actual:

	Sanctioned	Filled	Actual
Technical	1	1	1
Administrative Staff	4	2	2

16. Research thrust areas as recognized by major funding agencies:

- History of Development
- Political Economy
- Economic History
- Global Commodity Chains
- Anthropology
- Economic Anthropology
- Human Ecology
- Subaltern Studies
- South Indian Temples.

17. Number of faculty with ongoing projects from a) national- b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project – wise.

a) national

Sl. No	Project Title	Period	Funding agencies	Total Fund in Lakhs (₹)
1	“Self-Help Groups in Kerala: A Study in Economic Sociology”	2015-17	UGC, New Delhi	3.5
2	“Unfavorable Inclusion of Dalits in Higher Education: A Study on the Linkages of Colonies, Schools and Colleges in Kerala”	2014-15	Kerala State Higher Education Council, Government of Kerala	1 .00
3	“TheyyamKettu of Kerala: The Economy and Labour of Performance”		ICSSR, New Delhi	9 .00
4	Archives sans Borders MGU	2016-17	Government of Kerala	23.70
5	ABILITY Project for Physically Challenged and Visually Impaired		Government of Kerala	83.00
TOTAL				120.20

b) international: Nil

c) Total grants received: ₹ 120.20 Lakhs

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration : Nil

b) International collaboration :Nil



19. Departmental projects funded by DST-FIST;UGC-SAP/CAS,DPE;DBT, ICSSR,AICTE, etc; total grants received:

SI No.	Title of the project and period of grant	Funding agency	Duration	Budget Outlay in Lakhs (₹)
1	Evaluation of Ecodevelopment Programme at Periyar Tiger Reserve), (From March, 2009 April, 2011)	Periyar Foundation, PeriyarThkkady.	2.Years	6.20

Total grants received: ₹ 6.20 Lakhs

20. Research facility/Centre with

- State recognition : Yes
- National recognition : Yes
- International recognition : No

21. Special research laboratories sponsored by created by industry or corporate bodies: Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	09
2.	Monographs	Nil
3.	Conference Proceedings	26
4.	Chapters in Books	18
5.	Edited Books	1
6.	Books authored with ISBN	4
7.	Books authored without ISBN	5
8.	Articles in popular publications	16
9.	Total	79

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences



Directory, EBSCO host, etc.): Nil

- Citation Index – range / average : Nil
- SNIP : Nil
- SJR : Nil

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated : NIL

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad :

Abroad

- Centre for Advanced Study of India, University of Pennsylvania; Philadelphia
- Max Planck Institute for the Study of Religious and Ethnic Diversity, Germany
- Goldsmiths, University of London
- Southern Methodist University, Texas

26. Faculty serving in

National committees b) International committees c) Editorial Boards d) any other (please specify)

a) National committees

Sl. No.	Name of the faculty	Committee
1.	Dr. P. Sanal Mohan:	<ul style="list-style-type: none"> • Member, Governing Council, Madras Institute of Development Studies, Chennai • Member, Governing Body, Kerala Council for Historical Research, Kerala • Member, Governing Body, CREST

b) International committees - Nil

c) Editorial Boards - Nil

d) any other (please specify) -Nil

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):

Dr. Rajesh Komath

- UGC sponsored Orientation Course- Two

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects:	25%
Percentage of students doing projects in collaboration with other universities /industry / institute	Nil



29. Awards/recognitions received at the national and international level by

- Faculty : Dr. Raju S, UGC Research Award (One)
- Doctoral / post-doctoral fellows : Nil
- Students : Nil

30. Seminars/Conferences/Workshops organized and the source of funding(national/international) with details of outstanding participants, if any,

Year	Seminars/ Conferences/Workshops	Source of funding	Outstanding participants
2010	One International Conference Associated with School of International Relations (MGU)	MGU	
2011	Co-ordinated three University level (2010-11, 2012) and two State level ACQUIRE UG Scholarship programme	Govt. of Kerala	
2012	Co-ordinated two State level PG Workshops (AQUIRE).	Govt. of Kerala	
2013	Three Scholar in Residence Programmes	Higher Education Council	GayathriSpivak, RomilaThapar, Partha Chatterjee
2015	Five day Social Science Methodologies Workshop	MGU	Prof. Ahmed Nissar
2016	M. Govindan Memorial Lecture on 'Post Humanism and Social Sciences'		Dr George Varghese K.
2016	Five day workshop on Assistive Technologies for Visually Impaired Students doing Social Sciences	MGU	

31. Code of ethics for research followed by the departments:

The School take out most care to avoid plagiarism in research publication and Ph.D. thesis. All the software being used for research are original

32. Student profile programme-wise. (year wise)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A					
2010-11		1	9	100%	100%
2011-13	56	5	9	100%	89%
2012-14	37	7	8	100%	88.5%



2013-15	68	3	11	100%	100%
2014-16	148	4	9	100%	100%
2015-17	130	6	4	100%	100%
M.Phil:					
2011-12	58	7	10	100%	90%
2012-13	81	5	10	100%	90%
2013-14	90	4	11	100%	90.1%
2014-15	60	2	14	100%	100%
2015-16	51	4	8	100%	100%

33. Diversity of Students

Name of the Programme	% of Students From The Same University	% of Students From Tother University	% of Students From Universities Outside The State	% of Students From Other Countries
PG	20%	80%	0	0
M.Phil	18%	82%	0	0
PhD	40%	60%	0	0

34. How many students have cleared Civil Services and Defense Services examination, NET, SET, GATE and other competitive examinations? Give details category-wise –

- NET : 7
- SET : 5

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil.	18%
PG to Ph.D.	25%
Ph.D. to Post- Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	25
Entrepreneurs	Nil



36. Diversity of Staff

Percentage of faculty who are graduates	
Of the same university	0
From other universities within the state	50
From universities from other State from	50
Universities outside the country	0

37. Number of faculty who were awarded M.Phil; Ph.D, DSc and D.Litt. during the assessment period: One

Name of the faculty	Awarded M.Phil., Ph.D., D.Sc. and D.Litt
Dr. Rajesh Komath	Ph.D

38. Present details of departmental infrastructural facilities with regard to

a) Library:

Total Number of Books :12398; CDs : 179.

There is a reading hall and space for reading inside the stack room and computers are also available in the reference and stack rooms for ready access of the library users.

b) Internet facilities for staff and students: Available for both

c) Total number of class rooms: 2 class rooms and two seminar halls

d) Class rooms with ICT facility: Yes

e) Students' laboratories: Library

f) Research laboratories: NA

39. List of doctoral, post- doctoral students and Research Associates

a) From the host institution/university

Doctoral Students: 48

Sl.No	Name of the Student	Year
1.	Anisha K A	2011 batch
2.	Manjima M V	
3.	Sharath P	
4.	Sreesha K	
5.	D S Bendas	2012 batch
6.	Binu Raj	
7.	Elizabeth Abraham	
8.	Akhila P Nair	
9.	Roopesh OB	

10.	Prajeesh Bhaskaran	2013 batch
11.	Soumya PJ	
12.	Sivankutty VS	
13.	Sharath P	
14.	Arunkumar CP	
15.	Shajitha C	
16.	Jasimudeen S	
17.	Soumya P Markose	
18.	Vimal Kumar	
19.	Harish D	
20.	Indira B	
21.	Anchana A R	
22.	Nithin K	
23.	Vipin Kumar	
24.	Binoy A A	2015 batch
25.	Nancy Liza Thomas	
26.	Anish Mathew	
27.	Rajitha P P	
28.	Prasanth P	
29.	Anil P C	
30.	Sathi Kumari Amma V	
31.	Sajitha V	
32.	Gilu G Ettaniyil	
33.	Santhosh K N	
34.	Anish I	
35.	Saritha M S	
36.	Sabu K	
37.	Susan Chandappilla	
38.	Girish Kumar V	
39.	Anat Suman Jose	
40.	Harish Babu	
41.	Radhakrishna Pillai C	
42.	Diana Mathews	
43.	Varughese K C	
44.	Rahul B R	
45.	Sooraj M V	
46.	Dinumon	
47.	Aswathy K V	
48.	Shynu V C	



Post-Doctoral:1 (Dr. Alex Mathew)

40. Number of post graduate students getting financial assistance from the university. Period 2011-2016

Egrants	81 No
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41. Was any need assessment exercise undertaken before the development of new programme(s)? Yes/If So, highlight the methodology. :

Yes, the Faculty Council evaluates the need for new programmes before its inception.

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback	Yes, to improve the curriculum and pedagogy in general
b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, to improve the administrative facilities and efficiency
c) Alumni and employers on the programmes offered and how does the department utilize the feedback?	Yes, to retrospect the relevance of the courses offered and points to modernising governance.

43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name	Current Position
1.	Dr. P. K. Michel Tharakan	Former Vice-Chancellor of Kannur University
2.	Sujith Kumar Parayil	Assistant Professor, Centre for Media Studies, Jawaharlal Nehru University
3.	Bindu Menon	Associate Professor, Lady Sriram College, New Delhi
4.	Justin Mathew	Assistant Professor, Hansraj College, University of Delhi
5.	Susan Thomas	Assistant Professor, SreeShankaracharya Sanskrit University
6.	Amruth M.	Scientist, Kerala Forest Research Institute
7.	Suresh M.,	Assistant Professor, Tata Institute of Social Sciences, Bombay
8.	Saji M Kadavil,	International Consultant, CSR and Business Development, New Delhi
9.	J. Devika,	Associate Fellow, Centre for Development Studies, Trivandrum
10.	S. Maya	Assistant Professor, Kerala Varma College, Thrissur

44. Give details of student enrichment programmes (Special lectures/workshops/seminar)

Involving External Experts.

- Prof. M.G.S. Narayanan on Trade Routes of Ancient India (Three days)
- Prof. K.N. Ganesh on Doing History (One day)
- Prof Nissar Ahmed, on Research Methodologies (Five days)

45. List the teaching methods adopted by the faculty for different programmes: Class Room Lectures, Special Lecture, Tutorials, Written Assignments, Archaeological excavations, social field work, ICT

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored :Recurring monitoring, presentations of papers, written examination, participation in discussions, interventions during seminars

47. Highlight the participation of students and faculty in extension activities:

Building Ethno-Archaeological Museum, Archaeological excavations, visiting the heritage sites, Nature camps, projection of films

48. Give details of “beyond syllabus scholarly activities” of the department:

All research activities of School of Social Sciences go beyond disciplines and constitute objects for investigation such that they cannot be put within the rubric of syllabus. Well conserved archaeological Museum with objects belonging to megalithic period on wards.

49. State whether the programme/department is accredited/ graded by other agencies? If yes, Give details. : Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: Interdisciplinary, Foundation course on Social Science- Concepts and Methodologies, Furthered the frontier of Social Scientific research, theoretical inputs, introduced latest theoretical knowledge of society,

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Critical Theoretical Thinking,
- Ethno-Archaeological Museum
- Excellent Library for Social Science Research and learning
- ABILITY Station for enabling learning
- Combination of students belonged to different disciplines.

Weakness:

- Inadequate Faculty Strength
- Limited e-journal access
- Limited number of modern smart class rooms
- Absence of University bus service
- Interrupted power supply



Opportunities:

- There is ample opportunity for students having different backgrounds to perform high level research in the field of social science.
- Students are given possibility to work at the grass root level.
- Students have the opportunity participate in seminars/workshops/conferences of any social science disciplines/branches.
- Opportunity for the students to work in the ethno-archaeological museum of the School.

Challenges:

- Administrative challenges impeding responsiveness to the requirement of the academic community of the School, strengthening of the faculty positions, widening of the academic domain, acquire state of the art teaching aids such as smart class room to draw students from outside the State/Nation etc.

52. Future plans of the department.

- School intent to introduce new courses/programmes that attract international students with specific courses on Kerala since it is a unique entity for social investigation and knowing.
- To go beyond the existing paradigms and episteme of knowledge.
- Convert the existing SSS campus into a residential complex.
- Plans to perpetuate ABILITY project for physically challenged and visually impaired and to enrich its facilities.
- Create an outdoor ethno-archaeological park displaying and preserving both living and non-living traditions and heritage.
- Digitize the entire library and collecting source materials from various libraries and individual collections by making it an open source.

SCHOOL OF TOURISM STUDIES

1.	Name of the Department	:	SCHOOL OF TOURISM STUDIES			
2.	Year of establishment	:	2010			
3.	Is the Department part of a School/Faculty of the University?	:	Yes, The School is a part of Faculty of Management Sciences			
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt.etc)	:	<ul style="list-style-type: none"> • Master of Tourism Management (MTM) from 2010 to 2015- renamed as Master of Tourism and Travel Management (MTTM) from 2015 onwards as per UGC Circular. • Ph.D.: From 2015 onwards 			
5.	Interdisciplinary programmes and departments involved		(1)Tourism Studies, (2) Hospitality Studies and (3) Foreign Languages. The School has adopted interdisciplinary approach as a conceptual plank in framing of all its programmes			
6.	Courses in collaboration with other universities, industries, foreign institutions etc		Nil			
7.	Details of programmes discontinued, if any, with reasons		Nil			
8.	Examination System		Semester (Choice Based Credit and Semester System)			
9.	Participation of the department in the courses offered by other departments		Nil			
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)			Sanctioned	Filled	Actual(including CAS & MPS)
			Professor			
			Associate Professors	2	1	
			Asst. Professors	2	0	
			Others	5	4	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D./MPhil. Students guided for the last 6 years
Dr.Robinet Jacob	MTA, PhD, IATA Standard & Advanced	Associate Professor	Aviation Management, Health Tourism, Sustainable Tourism	20 years	2 students awarded PhD, currently guiding 1

**12. List of senior visiting fellows, adjunct faculty, emeritus professors:
Adjunct Faculty- International & National:**

Sl. No	Name	Visiting Fellows/Adjunct faculty/ Emeritus professors	Specialization
1.	Dr.Abey Kuruvilla, Associate Professor, University of Wisconsin-Parkside, USA	Adjunct Faculty	Cross cultural Understanding
2.	Dr. Toney K Thomas, Associate Professor & Deputy Dean, Department of Tourism, Events and Recreation, Taylor's University, Malaysia	Adjunct Faculty	Destination Benchmarking
3.	Dr Vinayraj Mothiravally, Deputy Dean, Department of Hospitality Management, Taylor's University Malaysia	Adjunct Faculty	Hospitality Management
4.	Dr. B George, Associate Professor, Madurai Kamaraj University, Madurai	Adjunct Faculty	Sustainable Tourism, Research Methodology
5.	Dr.Sampad Kumar Swain, Professor, Dept of Tourism, Amarkantak Central University	Adjunct Faculty	Transport Management
6.	Dr. R. Kannan, Associate Professor and Director, Avinashalingam University for Women, Coimbatore	Adjunct Faculty	Hospitality Management
7.	Dr.Bindu V.T, Associate Professor and HOD, Avinashalingam University for Women, Coimbatore	Adjunct Faculty	Travel Geography
8.	Dr.Siby P.S, Assistant Professor, Dept. of Tourism Studies, Pondicherry Central University, Puducherry	Adjunct Faculty	Logistics Management
9.	Dr.Shyju P.J, Assistant Professor, Benaras Hindu University, Banaras	Adjunct Faculty	Aviation Management

10.	Dr.Binoy T.A, Coordinator, Kuvempu University, Shimoga, Karnataka	Adjunct Faculty	Sustainable Tourism
11.	Dr.Sibi P.S, Assistant Professor, Pondicherry University, Puducherry	Adjunct Faculty	Event Management
12.	Dr.Sindhu R. Babu, Assistant Professor, Govt. College Manjeswar, Kasargode	Adjunct Faculty	Information Communication Technology for Tourism
13.	Dr.Deleep D, Assistant Professor, GPM College, Manjeswar, Kasargode	Adjunct Faculty	Health Tourism
14.	Dr. Sebastian George, Associate Professor, St. Thomas College, Pala	Adjunct Faculty	Research Methodology
15.	Dr. P. PremKanna, Associate Professor, Hindustan College of Arts and Science, Coimbatore.	Adjunct Faculty	Hospitality Management

13. Percentage of classes taken by temporary faculty- Programme-wise information.

Programme	2010-16
Master of Tourism and Travel Management (MTTM)	80%

14. Programme-wise Student Teacher Ratio;

Programme	Student Teacher Ratio
MTTM	8:1
PhD	2:1

15. Number of academic support staff (technical) and administrative staff: Sanctioned, filled and actual:

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1	Nil	Nil	Nil
Technical Staff	1	Nil	Nil	1



16. Research thrust areas as recognized by major funding agencies:

The school offers Ph.D in the following key areas or thrust areas:

- Disaster Risk & Management in Tourism Destinations
- Tourism Impacts / Sustainable Tourism
- Tourism Product Development
- Tourism Industry sectoral Studies
- Accessible Tourism
- Destination Management
- Destination Benchmarking
- Adventure Tourism
- Culinary Tourism
- Accommodation Management
- Cultural Tourism

17. Number of faculty with ongoing projects from a) national- b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project – wise.

a) national

Sl. No	Project Title	Period	Funding agencies	Total Fund (₹ in lakhs)
1.	Making Kerala’s Tourism destinations with minimal disaster risk: a geographic approach”	2016-18	(ICSSR) Indian Council of Social Science Research	8.00

b) International: Nil

c) Total grants received: ₹ 8 Lakhs

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

Sl. No	Project Title	Period	Funding agencies	Total Fund (₹ in lakhs)
1.	“Social Media as an influencer among foreign tourists visiting India”	2014-16	Indian Institute of Tourism and Travel Management and Ministry of Tourism, Govt. of India	1.00
2.	Discover Kottayam	2014-16	District Tourism Promotion Council (DTPC), Kottayam	1.66

b) International collaboration

Sl. No	Project Title	Period	Funding agencies	Total Fund (₹ in Lakhs)
1.	Project for Mango Languages	2011 – 12	Mango Languages, USA	0.75

Total grants received: ₹ 3.41 Lakhs

19. Departmental projects funded by DST-FIST;UGC-SAP/CAS,DPE;DBT, ICSSR,AICTE, etc; total grants received:

Sl.No.	Title of the Project	Funding Agency	Grant Received (Lakhs)	Duration
1.	State Annual Plan Fund	Govt of Kerala	200 Lakhs	2015-2016

Total grants received: ₹ 200 Lakhs

20. Research facility/Centre with

- State recognition : Yes
- National recognition : Yes
- International recognition : No

21. Special research laboratories sponsored by created by industry or corporate bodies: Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	6
2.	Monographs	Nil
3.	Conference Proceedings	7
4.	Chapters in Books	1
5.	Edited Books	1
6.	Books authored with ISBN	5
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	200
9.	Total	220



- Citation Index – range / average : 6
- SNIP – NA
- SJR –NA
- Impact Factor – range / average
- h-index: 1

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated : Three

Income generated

Sl. No.	Item with Year	Income in Lakhs
1.	Preparation of Language training modules for Mango Languages, USA (2011 – 12)	0.75
2.	Destination Development programme –Discover Kottayam for District Tourism Promotion Council (DTPC), Kottayam, 2015-16	1.66
3.	Implementing partner for Certified Tour Advisor (CTA) programme of District Tourism Promotion Council (DTPC),Ernakulam, 2015	0.20
TOTAL		₹ 2.61

25. Faculty selected nationally/internationally to visit other

laboratories/institutions/industries in India and abroad: (national- 7, International- 5)

Sl. No	Title of the Lecture / Academic session	Title of Seminar / Conference etc	Organised by	Whether International / National
Dr.Robinet Jacob				
1.	Special Lecture on Health Tourism	Avinashilingam University, Coimbatore, 19 March 2012	Avinashilingam University, Coimbatore, 19 March 2012	National
2.	Keynote Address in the National Seminar on The Prospects of Responsible Tourism in Developing Rural Areas	National Seminar on The Prospects of Responsible Tourism in Developing Rural Areas, 9-10 April 2013	Department of Tourism, S.N Arts & Science College, Kumarakom	National
3.	Special Lecture on Cultural Differences in Tourism	Pazhassi Raja College, Pulpally on 21 March, 2014	Pazhassi Raja College, Pulpally on 21 March, 2014	National

4.	Cross Cultural linkages and Tourism	G.A Pai memorial Govt. College, Manjeshwar, Kasargode, 29, 30 September, 2014	G.A Pai memorial Govt. College, Manjeshwar	National
5.	Emerging Trends in Health Tourism	SreeSankaracharya University of Sanskrit, Kalady, 13-14 February, 2014	SreeSankaracharya University of Sanskrit, Kalady, 13-14 February, 2014	National
Abin K.I				
6.	Resource person UGC sponsored national seminar on “Academic Plagiarism & Bibliographic Reference Management System”	Topic: <i>Effective Writing of Academic Articles</i> , (on August 13 th & 14 th -2014)	St Stephens College, Uzhavoor.	National
7.	Resource person for UGC sponsored National seminar	Responsible Tourism 26 th February 2016.	St Xaviers college, Vaikom	National

S No	Title of the Lecture / Academic session/ Activity	Title of Seminar / Conference/ Institution etc	Whether International / National
Dr.Robinet Jacob			
1.	Research in the area of Social Media use among tourists visiting Kerala as well as comprehensive access audits for tourism destinations in Kerala, India.	University of Wisconsin-Parkside, Milwaukee, USA, July 2016	International



2.	Destination Branding through Community Involvement: A case study of ‘Discover Kottayam’ initiative from Kerala”	Conference of ICBTS International Sustainable Development Business and Tourism, Boston, USA, June 30 - July 1, 2016	International
3.	Role of Social Media in influencing Travel decision making among foreign tourists visiting Kerala	Annual conference of International Society of Travel and Tourism Educators (ISTTE), Charlotte, North Carolina, USA, October 15 - 17, 2015	International
4.	Barrier Free Tourism for Equitable and Sustainable Tourism Development and Management in Kerala	Annual conference of International Society of Travel and Tourism Educators (ISTTE), Detroit, Michigan, USA, October 17-19, 2013.	International
5.	Product Attractiveness of Kerala House Boats In Promoting Tourism - A Performance Analysis	Annual conference of International Society of Travel and Tourism Educators (ISTTE), Miami, USA - 20 Oct -22 nd Oct, 2011	International

26. Faculty serving in

a) National committees

Sl. No.	Name of the faculty	Committee
1.	Dr.Robinet Jacob	<ul style="list-style-type: none"> • Subject Expert & Member, inspection committee for assessing fresh/ ongoing Major research projects (MRP), University Grants Commission, New Delhi, September, 2014. • Project Co-ordinator for project sanctioned by Ministry of Tourism, Government of India through IITTM (Indian Institute of Travel and Tourism Management). • Member, Staff Selection Committee, Avinashilingam University, Coimbatore, 19/11/2012.

b) International

Sl. No.	Name of the faculty	Committee
1.	Dr.Robinet Jacob	<ul style="list-style-type: none"> • Conference Chair in the Annual conference of International Society of Travel and Tourism Educators (ISTTE), Miami, USA - 20 Sept -22nd Oct, 2011 • Editor & Content Developer for online Malayalam language & cultural studies for Mango Languages, a US company (2011) (www.mangolanguages.com).

c) Editorial Boards

Sl. No.	Name of the faculty	Committee
1.	Dr. Robinet Jacob	<ul style="list-style-type: none"> • Member, Editorial Board (August 2014 onwards – still continuing) of journals published by Horizon Research Publishing Corporation, Alhambra CA, USA

d) any other

Sl. No.	Name of the faculty	Committee
1.	Dr.Robinet Jacob	<ol style="list-style-type: none"> 1. Member, Academic Council, M.G University (2015-18) 2. Convener, Expert Committee (P.G) for Tourism Studies, M.G University (2015-18) 3. Chairman, Board of Studies, School of Tourism Studies, M.G University (2014-2017) 4. Member, Board of Studies for Commerce and Tourism, Mar Ivanios College, Thiruvananthapuram (2014-16) 5. Member, Board of Studies in Tourism, Avinashilingam University, Coimbatore. (2015-17) 6. Member, Board of Studies, Travel and Tourism, Kannur University. (2015-17) 7. Member, Board of Studies in Heritage Tourism, Malayalam University (2015-17) 8. Member, Board of Studies, Travel & Tourism, Calicut University.(2013-16) 9. Formerly Convener, Expert Committee (U.G) for Tourism Studies, M.G University (2013-16) 10. Formerly Member, Board of Studies, Travel and Tourism, Kannur University. (2013-16) 11. Formerly Member, Board of Studies in Tourism, Avinashilingam University, Coimbatore (2013-15)



		<ol style="list-style-type: none">12. Formerly Convener, Expert Committee (P.G) for Tourism Studies (MTA), M.G University (2012-15)13. Formerly Chairman, Board of Studies, School of Tourism Studies, M.G University (2010-13)14. Formerly Member, Board of Studies, Tourism and Travel Management, Kuvempu University, Shimoga.(2010-13)15. Formerly Member, Board of Studies, Travel and Tourism, Kannur University. (2010-12)16. Project Co-ordinator for the Consultancy Project titled “Destination Kottayam” in which the School of Tourism Studies acts as technical partner for the project along with district administration of Kottayam (July 2015).17. Member, Pass Board of Examiners for II Semester MBA (Travel & Tourism), Cochin University, January 2011.18. Question Paper setter/ Examiner MBA (Tourism), 2011-12, Pondicherry University.19. Question Paper setter/ Examiner VI Sem. Career related B Com CBCSS exam. (Tourism), February 2013, Kerala University.20. Question Paper setter/ Examiner II Sem. Career related B Com CBCSS exam. (Tourism), April 2013, Kerala University.21. Conducted M Phil Viva Voce Examination at Christ University, Bangalore on 26 April 2013.22. Question Paper setter/ Examiner II & IV Sem. MTA exam, May 2013, Kerala University.23. Scrutiny of Question Papers of MTA examination, April 2013, Kerala University held on 29/10/2013.24. Question Paper setter/ Examiner I Sem. Career related B Com CBCSS exam. (Tourism), November 2013, Kerala University.25. Question Paper setter/ Examiner III Semester MBA (Tourism), November 2013, Pondicherry University.26. Question Paper setter for Kerala Public Service Commission, January 2014.27. Question Paper setter/ Examiner IV Semester MBA (Tourism), February 2014, Pondicherry University.28. Question Paper setter/ Examiner II Sem. Career related B Com CBCSS exam. (Tourism), April 2014, Kerala University.29. Question Paper setter/ Examiner II Semester MBA (Tourism), April 2014, Pondicherry University.
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		<p>30. Question Paper setter/ Examiner IV Sem. Career related B Com CBCSS exam. (Tourism), April 2014, Kerala University.</p> <p>31. Scrutiny of Question Papers of Kerala Public Service Commission, July 2014.</p> <p>32. Question Paper setter/ Examiner IV Semester B Com CBCSS exam. (Tourism), July 2014, Kerala University.</p> <p>33. Question Paper setter/ Examiner III Sem. Career related B Com CBCSS exam. (Tourism), September 2014, Kerala University.</p> <p>34. Chairman, Board of Examiners, BTTM CBCSS First Semester Exams November 2014, Kannur University.</p> <p>35. Chairman, Board of question paper setters for I&III semester MTA Examination, December 2014, Calicut University.</p> <p>36. Evaluator for Viva Voce of MBAIHM and BIHM programmes of IGNOU, January/February 2015.</p> <p>37. Chairman, Board of Examiners, BTTM CBCSS Second Semester Exams April/May 2015, Kannur University.</p> <p>38. Question Paper setter/ Examiner for B Voc (Tourism and Hospitality Management) exam, June 2015, Kerala University.</p> <p>39. Question Paper setter/ Examiner I Semester B Com exam. (Tourism), September 2015, Kerala University.</p> <p>40. Chairman, Board of Examiners, BTTM CBCSS III Semester Exams November 2015, Kannur University.</p> <p>41. Chairman, Board of Examiners, BBA (TTM) CBCSS III Semester Exams November 2015, Kannur University.</p> <p>42. Question Paper setter/ Examiner III Semester MTA exam, November 2015, Mar Ivanios College (Autonomous).</p> <p>43. Question Paper setter/ Examiner VI Semester B Com CBCSS exam. (Tourism), January 2016, Kerala University.</p> <p>44. Question Paper setter/ Examiner for optional course for B Com exam, March 2016, Sacred Heart College (Autonomous).</p> <p>45. Question Paper setter/ Examiner III Semester MBA (Tourism) exam, February 2016, Kerala University.</p> <p>46. Question Paper setter/ Examiner II Semester MBA (Tourism and Travel) exam, March 2016, IITTM, Noida.</p>
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		<p>47. Question paper setting for B Com degree Exam, Sacred Heart Autonomous College, Kochi, March 2016.</p> <p>48. Chairman, Board of Examiners, BBA (TTM) CBCSS IV Semester Exams April 2016, Kannur University.</p> <p>49. Chairman, Board of Examiners, BTTM CBCSS IV Semester Exams April 2016, Kannur University.</p> <p>50. Chairman, Board of Question Paper Setters, III Semester MBA (T&T) Exams April 2016, Kerala University.</p> <p>51. Chairman, Board of Examiners, BSc (Aviation and Hospitality) CBCSS II Semester Exams April 2016, Kannur University.</p> <p>52. Subject Expert, Selection Committee for the post of Lecturer in Tourism and Travel, Kerala Institute of Tourism and Travel Studies (KITTS), Thiruvananthapuram, February 2011.</p> <p>53. Subject Expert & Member, inspection committee for assessing fresh/ renewal applications for new colleges/courses, M.G University, May 2012</p> <p>54. Subject Expert & Member, inspection committee for assessing fresh/ renewal applications for new colleges/courses, M.G University, April 2013</p> <p>55. Subject Expert & Member, inspection committee for assessing fresh/ renewal applications for new colleges/courses, M.G University, May 2013</p> <p>56. Co-ordinator, Technical Committee, International Seminar on Science of Music, Mahatma Gandhi University, March 2015.</p> <p>57. Member, Core Team for ensuring teaching/ learning/academic administration / examination process in Off-Campus Centres, Mahatma Gandhi University, June 2015.</p> <p>58. Member, Executive Committee for the conduct of Faculty Development Programme, Mahatma Gandhi University, July 2015.</p> <p>59. Member, NAAC Co-ordination Committee, Mahatma Gandhi University, October 2015.</p> <p>60. Member, Mahatma Gandhi University Building Committee, March 2016.</p> <p>61. Member, Committee to Conduct training programs under Placement and Training Cell, Mahatma Gandhi University, March 2016.</p>
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		<p>62. Member, Advisory Board of DDU KAUSHAL KENDRA, Mar Ivanios College, Thiruvananthapuram.</p> <p>63. Member, Advisory Committee for implementing the “Scholarship for Encouraging Young Talents in Literature” (THANMA), Mahatma Gandhi University, January 2016.</p> <p>64. Member, Permanent Cell to Combat Sexual Harassment, Mahatma Gandhi University, May 2016.</p>
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27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):

Organised-4

Sl. No	Details
1.	One day Workshop on “Zotero” – Library Management Software organized by Kerala Library Association, Kottayam region and School of Tourism Studies in August 2014
2.	One day workshop on “Mendeley” – Library Management Software organized by Kerala Library Association, Kottayam region and School of Tourism Studies on 28 th April 2016
3.	Two day National Level Workshop on “Contemporary Research Methods and Software Packages” organized by School of Tourism Studies on 25 th and 26 th May 2016
4.	One day seminar on “How to avoid Academic Plagiarism” organized by Kerala Library Association, Kottayam region and School of Tourism Studies on 30 th May 2016

Participated- 1

Sl. No	Details
1.	Workshop on “Basic Statistical Methods and Introduction to Indian Databases” organised by Christ University, Trivandrum – Dec 29-30 2014.

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects:	100% (3 rd Semester)
Percentage of students doing projects in collaboration with other universities/ Industry / institute:	100% (4 th Semester)



29. Awards/recognitions received at the national and international level by - Faculty

Name of the faculty	Details
Dr.Robinet Jacob	<ul style="list-style-type: none"> Nominated as Member, Expert Committee for evaluating Major Research Projects (Tourism), University Grants Commission, New Delhi, July 2014 Reviewer for journal articles (August 2014 onwards – still continuing) published by Horizon Research Publishing Corporation, Alhambra CA, USA. Conference Chair in the Annual conference of International Society of Travel and Tourism Educators (ISTTE), Miami, USA - 20 Sept -22nd Oct, 2011

Awards/recognitions received at the national and international level by Doctoral / Post-doctoral fellows: Nil

Awards/recognitions received at the national and international level by Students: Nil

30. Seminars/Conferences/Workshops organized and the source of funding(national/international) with details of outstanding participants, if any,

Sl. No	Seminars/ Conferences/Workshops	Source of funding	outstanding participants
1.	Two day National Level Workshop on Research Methodology and SPSS software on 25 th and 26 th May 2016	MG University	<ul style="list-style-type: none"> Dr. B George, Madurai Kamaraj University Dr. S. Pushparaj, Madurai Kamaraj University Dr. Cecil Dalston, Associate Presidency College Chennai.
2.	Jointly organized a one day Seminar on 'Literary Tourism' with Darsana Academy and DTPC – Kottayam and a workshop on 'Discover Kottayam' (tourism product branding) along with DTPC – Kottayam	DTPC, Kottayam	<ul style="list-style-type: none"> Mr. U.V Jose IAS, District Collector, Kottayam Dr. B. Vijayakumar, Principal, KITTS, Trivandrum
3.	One day Workshop on "Zotero" – Library Management Software organized by Kerala Library Association, Kottayam region and School of Tourism Studies in August 2014	KLA, Kottayam	
4.	One day workshop on "Mendeley" – Library Management Software organized by Kerala Library Association, Kottayam region and School of Tourism Studies on 28 th April 2016	KLA, Kottayam	
5.	One day seminar on "How to avoid Academic Plagiarism" organized by Kerala Library Association, Kottayam region and School of Tourism Studies on 30 th May 2016.	KLA, Kottayam	

31. Code of ethics for research followed by the departments:

Research involves a great deal of cooperation and coordination among many different people and ethical standards promote the **values that are essential to collaborative work**, such as trust, accountability, mutual respect, and fairness. Ethical norms in research also help to build **public and official support** for research. The School of Tourism Studies gives high priority to research as one of its most important contributions to the society and the discipline. The School pursues a research ethos that promotes ethical responsibility in the quest for knowledge and the development, conservation and transfer of knowledge. The School focuses on endeavors to eliminate unacceptable practices within the research community. Researchers are encouraged to do original research work in their areas of specialization. Plagiarism is avoided at all cost (seminars are conducted on how to avoid plagiarism at regularly). School uses license software within the department for all purposes.

32. Student profile programme-wise.

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MTM – 2011-13	63	10	10	100%	100%
MTM – 2012-14	85	11	9	100%	100%
MTM (2013-15)	73	10	10	100%	100%
MTM (2014-16)	138	11	9	95%	95%
MTTM (2015-17)	126	12	8		
MTTM (2016-18)	103	15	5		

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
MTM (2011-13)	65%	30%	5%	Nil
MTM (2012-14)	30%	65%	5%	Nil
MTM (2013-15)	60%	35%	5%	Nil
MTM (2014-16)	65%	30%	5%	Nil
MTTM(2015-17)	70%	30%	Nil	Nil
MTTM (2016-18)	45%	55%	Nil	Nil



33. Diversity of Students:

34. How many students have cleared Civil Services and Defense Services examination, NET, SET, GATE and other competitive examinations? Give details category-wise –

SI.No.	Year	Net/ JRF Qualified	Kerala PSC
1.	2010-12	2	1
2.	2011-13	3	2
3.	2012-14	3	-

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	3
PG to Ph.D.	2
Ph.D. to Post-Doctoral	0
Employed	
<input type="checkbox"/> Campus selection	25
<input type="checkbox"/> Other than campus recruitment	54
Entrepreneurs	0

36. Diversity of Staff

Percentage of faculty who are graduates	
Of the same university	40
From other universities within the state	20
From universities from other State	40
From Universities outside the country	0

37. Number of faculty who were awarded M.Phil; Ph.D, DSc and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- Library
 - Total area of the library(in Sq. Mts.) **-300 sq.ft**
 - Total seating capacity **- 20**
 - Working hours (on working days, on holidays, before examination, during examination, during vacation) **- 9 am – 5 pm (Saturday & Sunday Holiday)**
 - Books in library: **Books – 1464**

- a) Print (books, back volumes and theses)
 b) Average number of books added during the last three years-
 (Data upto May 30th 2016)

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books & Reference Books	1320	20,10,626/-	107	4,82,263/-	1427	24,92,889/-
e-Books			9	10810/-	9	10810/-
Journals (Magazine)	26	1,10,000/-		33,694/- (renewal)	26	1,43,694/-
e-Journals						
Digital Database	3	1,22,625/-	3	66,549/-	6	1,89,174/-
CD & Video	116	40,47,76/-	36	48,03,86/-	152	8,85,162/-
Others (specify) Newspapers	5	25,200/-		7200/-	5	32,400/-

• **Internet facilities for staff and students**

- Number of systems with individual configurations - 41
- Number of nodes/ computers with internet facility – 30
- Wi fi enabled classrooms and office

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Total	41	01	41	01	01	04	04	11

- **Total number of class rooms**

Two class rooms; One seminar Hall; One Lab

- d) Class rooms with ICT facility

- All classrooms are enabled with wi-fi facility in the school.
- Adequate number of network ports is available in the School.
- Class rooms and seminar halls have been provided with wifi projectors and internet access.

- e) Students' laboratories :

The School has a well-equipped Laboratory for PG students and research scholars with Proprietary software including SPSS statistical software, Language learning software, Computerized Reservation Systems etc

- f) Research laboratories : Nil



39. List of doctoral, post- doctoral students and Research Associates

a) from the host institution/university:

Name of Guide	Name of Scholar	Post-doctoral
Dr. Robinet Jacob	Jishnu P Thampy	Nil

b) from other institutions/universities: **None**

40. Number of post graduate students getting financial assistance from the university.

Year	No. of students
2011-2013	4
2012-2014	9
2013-2015	4
2014-2016	6
2015-17	7
2016-18	4
Total	34

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. :

Yes

The School of Tourism Studies, which came up in 2010 is envisaged as a centre of higher learning and research in Tourism and Hospitality Studies and is the first University department of its kind in Kerala. The neighbouring Universities with such departments are Mangalore and Kuvempu Universities in Karnataka, Madurai Kamaraj University in Tamilnadu and Pondicherry Central University in Puducherry. The School aims to develop skilled human resources specific to regional and global needs in applied, technical, interpersonal, analytical and communication abilities to master in travel management, hospitality management, foreign languages and allied areas.

Studies on tourism and hospitality education conducted by the Ministry of Tourism, GOI and FHRAI highlighted the need for more professionals. A survey by the Ministry of Tourism indicates that there is a demand for 2.03 lakh trained professionals every year of which 66 percent is at skill level and 34 percent at managerial level (69020). FHRAI's 43rd annual convention reaffirmed the fact about the mismatch between demand and supply, with Indian students still needing more institutions as the existing institutions meet only 15 percent of the industry requirements. A study conducted by the Dept. of Tourism, Govt. of Kerala says that there is a paucity of qualified talent for middle management positions in Kerala and most companies are bringing talent from outside the state to fill positions.

Human resource development and supply of skilled manpower to the fast growing Tourism, Hospitality and allied industries will enhance University's role as an employment guarantor. The proposed facilities and academic programmes will help the School to acquire facilities at par with similar departments in well-known universities like University of Wisconsin and Purdue University in USA, Stenden University in Netherlands, Taylor's University in Malaysia etc. facilitating academic collaboration including student exchange and faculty exchange.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	The Faculty Council analyses the feedback and makes necessary changes and additions
b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	The Faculty Council analyses the feedback and makes necessary changes and improvements in the curriculum and teaching –learning-evaluation process.
c. Alumni and employers on the programmes offered and how does the department utilize the feedback?	Feedback from alumni is generally collected during “Felize”- the biannual alumni meeting. Feedback from the alumni and employers are very important as they represent the changing trends in global tourism and hospitality industry. Faculty Council analyses their feedback and usually incorporates it in the teaching –learning process as it helps to avoid a gap between the skills achieved by students and the requirements of the workplace.

43. List the distinguished alumni of the department (maximum 10)

S.No	Name	Current Position
1.	Dr. Sindhu Joseph	Assistant Professor, GPM Government College, Manjeswar, Kasargode (Dist)
2.	Manasse Benny	Assistant Professor, Mar Ivanios College, Trivandrum
3.	Anita T.A	School of Tourism Studies, MG University
4.	Lijesh Jose	Emirates, Dubai
5.	Yatheeshkumar	Branch Manager, Thomas Cook, Thrissur
6.	Charudath T.D	Intersight Holidays, Cochin
7.	Akhil K.S	Intersight Holidays, Bangalore
8.	Rakhi C.R	Dolphin Line – Cargo and Freight Company, Dubai
9.	Jinson V. John	Tamarind Global, Cochin
10.	Merin Joseph	AFC Holidays, Dubai



44. Give details of student enrichment programmes (Special lectures/workshops/seminar) Involving External Experts.

Year	Details
2011-12	<ol style="list-style-type: none">1. Special lectures by Dr. Toney K Thomas, Deputy Dean, Dept. of Tourism, Taylors University, Malaysia.2. Career orientation seminar and key note address by Mr: Krishnachandran, Geneal Manager, Inter sight Tours and Travels, Cochin.3. Special lecture on hospitality by Mr: Motty Mathew, Owner, Motty's Home stays, Alleppey.4. Special Lecture by Mr. John George, Business Head India (Tours), UAE Exchange and Financial Services5. Special lecture by Mr.Joshy V Mathew, General Manager, First Source Ltd, Bangalore.
2012-13	<ol style="list-style-type: none">1. Career Orientation Seminar and keynote address by Mr.Krishnachandran, General Manager, Inter sight Tours and Travels Pvt. Ltd,2. Industry familiarization-Career orientation programme by Shiju P.K, General Manager, Tamarind Tours.3. A lecture on hospitality by Mr.Motty Mathew, Owner, Motty's Homestay, Alleppey.4. Special lecture given by Dr. Toney K Thomas, Deputy Dean, Dept. of Tourism, Taylors university, Malaysia.5. Special Lecture by Mr. K Unnikrishnan, Deputy Commercial Manager (retd.), Air India6. Special Lecture by Dr. Abey Kuruvilla, Associate Professor, University Of Wisconsin-Parkside, USA
2013-14	<ol style="list-style-type: none">1. Special lecture given by Dr. Toney K. Thomas, Deputy Dean, Dept. of Tourism, Taylor's University, Malaysia.2. Carrier orientation by Mr. Krishnachandran, General Manager, Intersight Tours and Travels, Cochin3. Career orientation led by Mr. Shiju P.K , General Manager, Tamarind Tours4. Student Counselling by Mrs. Rebecca George, Retd. HOD, Dept of Physics, BaseliOS College, Kottayam.5. Special lecture given by Dr. VinayarajMothiravally, Programme Director, Dept. of Hospitality Management, Taylor's University, Malaysia .

	6. Special lectures by Mr. Biju George, Mr. John George, Dr. Sebastian George, Dr. Deleep D, Mr. Joshy Mathew and Dr. AshaKuruvilla
2014-2015	<ol style="list-style-type: none"> 1. Special lecture given by Dr. Toney K. Thomas, Deputy Dean, Dept. of Tourism, Taylor's University, Malaysia. 2. Career orientation led by Mr. Shiju P.K , GM Tamarind Tours 3. Special lecture given by Dr. Vinayaraj Mothiravally, Programme Director, Dept. of Hospitality Management, Taylor's University, Malaysia . 4. Student Counseling by Mrs. Rebecca George, Retd. HOD Physics Department, Baselios College, Kottayam. 5. Interactive session by Mrs. Sonia Jose, Responsible Tourism ,Kerala 6. Career guidance by Mrs. and Mr. Babu, Directors of Coconut Creek Homestay, Kumarakom, a national award winner. 7. Student counseling session by Dr. Sissy Jose, HOD, Nursing Department, School of Medical Education, Gandhinagar.
2015-16	<ol style="list-style-type: none"> 1. Special lecture by Dr. B. George, Associate professor, Madurai Kamaraj University, Madurai 2. Special lectures by Mr. Biju George, ILO certified trainer. 3. Special lecture by Dr. Vinayaraj Mothiravally, Programme Director for Hospitality, Taylor's University, Malaysia. 4. Career orientation led by Mr. M. R Hari, Director, Invis Multimedia, Trivandrum 5. Special lecture given by Dr. R. Kannan, Associate professor, Madurai Kamaraj university, Madurai

45. List the teaching methods adopted by the faculty for different programmes.

Teaching methods adopted include both traditional and modern methods like

- Lectures
- Audio-visual aid
- Open Internet Sources
- flipped class room
- Power Point Presentations
- demonstrations
- Activity based learning
- Group Discussions etc.



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The School ensures that programme objectives are constantly met and learning outcomes are monitored through a continuous process by modifying the syllabus as the need dictates.
- The performance of students is evaluated through examinations and teacher's performance is constantly evaluated through the feedback from students at the end of each semester.
- The School always seek the expert opinion from national and international visiting professors and experts from industry.
- The feedback from the alumni is also considered in revamping the programmes.

47. Highlight the participation of students and faculty in extension activities.

- Faculty members are engaged in writing articles on different dimensions on tourism in national newspapers and have contributed more than 200 articles.
- The school gave an intensive coaching on 'life saving skills' by utilising the expertise of eminent doctors from reputed hospitals.
- Personality development programmes were organized for the benefit of students.
- The topics selected for student group projects are focused on social and economic resurgence of rural economy in collaboration with many nongovernmental organizations and local/ regional entrepreneurs.

48. Give details of "beyond syllabus scholarly activities of the department"

- The students are encouraged to participate in seminars and paper presentations in the subject.
- Students are given opportunity to participate in live projects of the department. They are encouraged to organise various programmes within the department and the University on their own.
- The department constantly engages in providing on the job training for students by placing them in the industry and bringing people from the industry to share their experience and expertise from time to time.
- The school gave an intensive coaching on 'life saving skills' by utilising the expertise of eminent doctors from reputed hospitals.
- Personality development programmes were organized for the benefit of students.

49. State whether the programme/department is accredited/ graded by other agencies? If yes,

Give details: No, The school has not tried for independent accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The 'School of Tourism Studies' is conceived as a centre of higher learning for all tourism and hospitality management programmes which generates skilled personnel with a broad range of applied, technical, interpersonal, analytical and communication skills in tourism leadership. Besides this the school is actively engaged in research related to accessible tourism, destination development, tourism product development, Airline Economics, E – tourism, Visitor Management Systems, destination benchmarking etc.

The Tourism Business Incubation and Consultancy Cell (TBICC), a functional division of the School of Tourism Studies is conceived as an operational arm focusing on operational and practical aspects of travel, tourism and hospitality management and is the first of its kind in the country. It explores the possibility of University – Industry – Government tie up and engagement to ensure sustainable tourism development in the national and international levels. The modes of engagement planned include (a) Tourism Resource Mapping (b) Tourism Business Incubation and training (c) Destination Development Services (d) Handling of and Research and Consultancy Projects.

The major contributions of the School are as follows:

- Development of manpower resources for the booming transport and tourism industry resulting in effective placement.
- Effective industry linkage helping manpower development.
- Consultant for destination development projects.
- Community empowerment and alternate income generation through sustainable tourism initiatives.
- Projects of social relevance undertaken by the school were taken up by the policy makers for implementation.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. The core competency of the department is its innovative curriculum that bridges the gap between the skills achieved by the students and the requirements of the workplace.
 - A well balanced approach combining general components and skill components and specialization in different sub-sectors of tourism namely Aviation Management, Health Tourism and Tour Operations.
 - All relevant sub-areas incorporated into the curriculum like Airline operations, hospitality Management, Foreign Exchange Management and Communication Skill development and Foreign Language French.
2. Use of ICT enabled teaching learning approach where each student and faculty has access to computers and internet facilities. The use of Edmodo - a digital online teaching learning interactive platform helps to ensure online participatory learning through its superior features like online discussions, online tests, pooling resources, online submission of assignments etc.
3. Use of world class travel simulating software like Galileo, Amadeus, Virtual Hotel, Virtual Travel Agency and Virtual Food and Beverage procured from Mundus Corporation, USA helped to achieve the desired learning outcomes.



4. A well-equipped library with books of all major national and international publishers and international magazines like National Geographic Traveller, Conde Nast Traveller, Lonely Planet, FHRAI Magazine etc.
5. The outcome of group student projects are immense in terms of its relevance, volume, influence on local community, new tourism product development and its acceptance by Governmental and Non-governmental organisations in making policy decisions. The work in collaboration with tourism/leisure industry suppliers/accredited institutes helped students to acquire training in team work, writing, presenting and defending a research report besides inculcating skills to become efficient travel professionals and potential tourism project consultants

Weakness:

1. Being a new department which came into existence only 5 years back, the school has limited physical space at present, which acts as a hindrance for expansion activities.
2. There is a shortfall of three permanent faculty members in the School. But this weakness is addressed by utilizing the services of Guest Lecturers and visiting Resource Persons.
3. The difficulty of some of the students to acknowledge the prime importance of attaining service skills and service aptitude in a global workplace due to their socio-cultural backgrounds and their slow transformation as fully trained service professionals is another major hindrance towards optimum outcome.
4. Lack of understanding of the interdisciplinary nature of the subject among public.
5. Low student diversity from other states and countries.

Opportunities:

1. There exists a huge demand – supply gap in the tourism, hospitality and aviation industries which provides an opportunity for the institution to supply trained manpower according to the requirements.
2. Employment opportunities exist at the global level for tourism students.
3. School offers inter-disciplinary studies that acts as a meeting place of students from all disciplines.
4. Opportunity to influence policy makers in policy decisions.
5. Opportunity to become a premier centre for tourism, hospitality and foreign language studies and research.

Challenges:

1. Students from different socio-cultural backgrounds, disciplines, and varying communication levels and service aptitude act as a challenge in the achievement of the desired goals within the available duration.

2. Lack of sufficient space makes it difficult to implement add-on courses and student exchange programmes.
3. To attract students towards the interdisciplinary subject.
4. Taking up of extension and consultancy services with very less manpower involvement.
5. Effective combining of theoretical and operational dimensions of the subject poses a big challenge.

52. Future plans of the department

1. Enhancing the physical learning environment by constructing a new customized building (around 3000sq.mt) with class rooms, Labs, Tourism Resource Centre, Tourism Business Incubation and Consultancy Cell (TBICC) and other facilities. The proposal is conceived in line with some of the premier institutions like Taylor's University, Malaysia and University of Wisconsin, USA and NITHM, Hyderabad and IITTM, Gwalior. The Govt. of Kerala has sanctioned an amount of Rs.2 Crores for the construction of its first phase.
2. Starting a Master's programme in International Hospitality Management (MIHM) with all the infrastructural and other resources specified by the national bodies.
3. Starting foreign language programmes in German, French, Chinese and Spanish.
4. To have international academic collaboration at the institutional level (faculty and student exchanges, joint development of programmes, joint organising of conferences etc) after achieving the infrastructural requirements of the School resulting in having good physical learning environment.
6. To widen the role as technical support partner for the Department of Tourism, Govt. of Kerala and other policy making bodies by strengthening the activities of Tourism Business Incubation and Consultancy Cell (TBICC), a functional division of the School of Tourism Studies which explores the possibility of University – Industry – Government tie up and engagement to ensure sustainable tourism development in the national and international levels.
7. To become the national level accreditation provider for Global Level Certification of Tourism Destinations and services in areas like hospitality, tour operations etc. The certifications are Global Sustainable Tourism Certification (GSTC), Green Globe, Earth Check, Blue Flag and Biosphere.
8. To get accredited with the TedQual accreditation of UNWTO after achieving the first seven goals.



DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

1.	Name of the Department	:	Department of Lifelong Learning and Extension
2.	Year of establishment	:	13 August 2010 In 1991 following the U.G.C Guidelines Department of Adult Continuing Education Extension and Field Outreach was Established and later in 2010 the Department was renamed as Department of Life Long Learning and Extension as per the Vide Order No.4034/P&D-I/2010/Admn dated 13/08/2010
3.	Is the Department part of a School/Faculty of the University?	:	Yes, Social Science
4.	Names of Programmes offered (UG, PG, M Phil, Ph.D., Integrated Masters; Integrated Ph.D., DSc., D.Litt., etc)	:	Six month Certificate Courses <ul style="list-style-type: none"> • Certificate Course in Organic Farming • Certificate Course in Yogic Science • Certificate Course in Management of Learning Disabilities • Certificate Course in Counselling One Year Diploma Courses <ul style="list-style-type: none"> • Diploma Course in Yogic Science • Diploma Course in Organic Farming
5.	Interdisciplinary programmes and departments involved	:	The Department introduces courses as per the need based studies conducted in the community through the campus community partnership programme. All the courses offered by the department are of interdisciplinary nature. The various courses conducted by the department itself prove the interdisciplinary nature. Department conduct various seminars in association with various departments in the campus
6.	Courses in collaboration with other universities, industries, foreign institutions, etc	:	Nil
7.	Details of programmes discontinued, if any, with reasons	:	Nil
8.	Examination System	:	Semester system for Certificate Courses Annual System for Diploma Courses



9.	Participation of the department in the courses offered by other departments	:	Students from the Department participate in the courses offered by other Departments.																						
10.	Number of teaching posts, sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)	:	<table border="1"> <thead> <tr> <th></th> <th>Sanctioned</th> <th>Filled</th> <th>Actual(including CAS & MPS)</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> <tr> <td>Associate Professors</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Asst. Professors</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> <tr> <td>Others</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table>				Sanctioned	Filled	Actual(including CAS & MPS)	Professor	Nil	Nil	Nil	Associate Professors	1	1	1	Asst. Professors	Nil	Nil	Nil	Others	Nil	Nil	Nil
	Sanctioned	Filled	Actual(including CAS & MPS)																						
Professor	Nil	Nil	Nil																						
Associate Professors	1	1	1																						
Asst. Professors	Nil	Nil	Nil																						
Others	Nil	Nil	Nil																						

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No.of Years of Experience	No.of Ph.d/M.Phil students guided for the last 6 years
Dr.K.Sabukuttan	M.A, MPhil , PhD(History) M.A Politics M.A.Sociology M.A.Philosophy Diploma in TCI	Associate Professor	1.Modern Kerala History, 2.Socialization, 3.Extension, 4.Social History of Kerala, 5..Local History	27	NA



12. List of senior Visiting Fellows, adjunct faculty,emeritus professors:

Faculties of the various courses	Counselling Course Guest Faculties	
	1. Mathew Kanamala	
	2. Anish Mohan	
	3. Dr.Thomas Abraham	
	4. Reena James	
	Organic Farming Course Guest Faculties	
	1. K.V.Dayal	
	2. B.Radhakrishnan	
	3. Dr.Sallikutty joseph	
	4. Dr.Elizabeth joseph	
	5. Dr.J.G.Ray	
	6. Sri.Tony Thomas	
	7. Dr.Leenakumari	
	Management of Learning Disabilities Guest Faculties	
	1. Dr.Muhamed Mustafa	
	2. Thamimul Ansari	
	3. Bhathadas	
	4. Aiswarya Mohandas	
	5. Dr.Ameer Hassan	
	Yogic Science Guest Faculties	
	1. Dr.Toms Abraham	
	2. Dr.E.N.Balakrishnan Nair.	
	3. M.R.Gopalakrishnan Nair	
	4. Dr.VishwambharanNair.M.S	
	5. Dr.Sarith Kumar	
	6. Sanjayanand .R	

13. Percentage of Classes taken by the temporary faculty: 99 %

14. Programme-wise Student-Teacher Ratio

- Certificate Course in Yogic Science-16:1
- Certificate Course in Organic Farming-4:1
- Certificate Course in Management of Learning Disabilities -5:1

➤ Certificate Course in Counselling-5:1

➤ Diploma in Yogic Science-10:1

15. Number of academic support staff

- Technical Staff Sanctioned-0 filled-0-Actual-0
- Number of administrative staff-Sanctioned-1 Filled-1 Actual -1

16. Research thrust areas as recognized by major funding agencies: NA

17. Number of faculty with ongoing projects from: a) national, b) international funding agencies and, c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil

18. Inter-institutional collaborative projects and associated grants received:- Nil

19. Departmental projects funded by DST-FST:UGC-SAP/CAS,DPE;DBT,ICSSR- : Nil

20. Research facility/centre with

- State Recognition: Nil
- National Recognition: Nil
- International Recognition: Nil

21. Special research laboratories sponsored by/created industry or corporate bodies- NIL

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	2
2.	Monographs	Nil
3.	Conference Proceedings	2
4.	Chapters in Books	Nil
5.	Edited Books	1
6.	Books authored with ISBN	Nil
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
9.	Total	5

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated: NIL



25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad-

Sl.No.	Name of Faculty	Laboratory/Institutions
1.	Dr. K.Sabukuttan,	<ul style="list-style-type: none"> invited speech at the National Integration camp at PA college of Engineering and Technology, Pollachi on 3rd May 2016 on the topic "NSS and Durable Assents Creation"
2.	Mathew Kanamala	<ul style="list-style-type: none"> Participated person-centered approach program in various places as detailed below: Year Place 2011 UK 2012 UK 2014 Malaysia 2015 UK Prepared Indian version of e-learning of person-centered approaches with the support of Helen Sanderson approach, UK

26. Faculty serving in

- a) National committees- Nil
- b) International committees - Nil
- c) Editorial Boards - Nil
- d) any other - 11

Sl. No.	Name of the faculty	Committees
1.	Dr.K.Sabukuttan	<ul style="list-style-type: none"> Research Guide, School of Gandhian Thought and Development studies Programme Co-ordinator, National Service Scheme Co-ordinator, Vivekananda Chair Co-ordinator, Additional Skill Acquisition Programme Member, Academic Council, Mahatma Gandhi University Expert Committee Member, Centre for Yoga and Naturopathy Executive Committee Member, Inter University Centre for Organic Farming and Sustainable Agriculture Advisory board Member, Department of Adult Continuing Education and Extension, University of Kerala Advisory board Member-Empanelled Training Centre for NSS Rajagiri College of Social Sciences, Kalamassery Advisory Board Member, N.S.S, Govt. of Kerala Advisory Board Member, Nehru Yuva Kendra, Kottayam

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):-

Faculty recharging programmes	
Dr.K.Sabukuttan	<ol style="list-style-type: none"> 1. Participated in the NSS National integration Camp at PA College of Engineering and Technology, Pollachy on 3rd May 2016 on and presented a paper on “NSS and Durable Assets Creation”. 2. Presented a paper on “Yoga and Cultural Heritage” in the two day National Seminar conducted by the Department of Life Long Learning and Extension and Centre for Yoga and Naturopathy on 18th March 2015 at the School of Gandhian Thought and Development Studies 3. Presented a paper entitled “Kudumbasree as a Catalyst for making changes in the life of Kerala Women” in the National Seminar on Flagship Programmes in the Development Exposure of Independent India at Govt. College, Nedumangad on 31st January 2016. 4. Chaired a session on “Modern Socio-Religious Reform Movements in Kerala” in the National Seminar conducted at D.B.College, Sasthamkotta, Kollam on 19th August 2015 5. Presented a paper entitled “Swami Vivekananda on Education” in the UGC sponsored National Seminar on Swami Vivekananda’s message of Community Service for the Youth of India” at M.A College, Kothamangalam on 30 August 2014 6. Presented a paper on “How Communalism affected the modernization of Kerala” in the UGC sponsored National Seminar on Reflections on “Communalism in India:Past and Present” at SreeNarayana College, Chempazhathy from 21-22 August 2014 7. Received a Certificate of Appreciation for the invaluable lecture “Feminization of Ageing” at the National Seminar sponsored by ICSSR New Delhi “On Ageing Gracefully: A multi-disciplinary Perspective” held on 25th November 2014 organized by the School of Gandhian Thought and Development Studies 8. Presented an invited paper in the UGC sponsored National Seminar on “Sustainable Recourse Management –Tools and Techniques ‘’. <p style="margin-left: 40px;">The title of the paper is “Environment Enrichment activities through National Service Scheme”.</p> <p style="margin-left: 40px;">The paper is published in the proceedings volume with ISBN: 978-81-7255-066-9 published by Department of Home Science, ST Teresa’s college Ernakulum</p> <ol style="list-style-type: none"> 9. Presented an invited paper in the International Seminar on “Extension the Third Dimension of education organized by the Marian College,Kuttikkanam and Department of Life Long Learning and Extension on 27th February 2016 10. Presented a paper on “Dalit Liberation Movement in Modern Kerala” in UGC sponsored National Seminar conducted by the Department of History, SreeNarayana College for Women on 28 January 2016. 11. Trainer for the Programme officers and Volunteer secretaries of the National Service Scheme, Mahatma Gandhi University on the following



	<p>dates 03/08/2012-05/08/2012, 27/09/13-29/09/13, 11/7/14-13/07/2014, 19/06/15 21/06/15, 10/06/16-12/06/16.</p> <p>12. Served as the Resource person to the Orientation Courses conducted by the empanelled Training Institutions (ETI) for NSS at the Rajagiri College of Social Sciences as shown below.</p>
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Date	Topic
05-11-2012	Public Relations in NSS
19-11-2012	Public Relations in NSS
27-02-2012	Special Camping Programmes in NSS
17-06-2013	Special Camping Programmes in NSS
01-07-2013	Special Camping Programmes in NSS
15-07-2013	Special Camping Programmes in NSS
29-07-2013	Special Camping Programmes in NSS
07-07-2014	Success Stories in NSS
12-08-2014	Public Relations in NSS
25-08-2014	Public Relations in NSS
22-09-2014	Special Camping Programmes in NSS
10-11-2014	Special Camping Programmes in NSS
2-12-2014	Special Camping Programmes in NSS
08-12-2014	Special Camping Programmes in NSS
07-09-2015	Flagship Programmes in NSS
14-09-2015	Flagship Programmes in NSS
12-10-2015	Flagship Programmes in NSS
20-10-2015	Flagship Programmes in NSS
17-11-2015	National Integration and Social Harmony
24-11-2015	National Integration and Social Harmony
1-12-2015	National Integration and Social Harmony
15-01-2016	National Integration and Social Harmony



20-01-2016	National Integration and Social Harmony
01-02-2016	National Integration and Social Harmony
09-02-2016	National Integration and Social Harmony
15-02-2016	National Integration and Social Harmony
23-02-2016	National Integration and Social Harmony
25-07-2016	National Integration and Social Harmony
25-08-2016	National Integration and Social Harmony
06-09-2016	National Integration and Social Harmony
26-09-2016	National Integration and Social Harmony
25-10-2016	National Integration and Social Harmony
15-11-2016	National Integration and Social Harmony

28. Student projects-

Percentage of students who have done in-house projects including inter-departmental projects	NA
Percentage of students doing projects in collaboration with other universities / industry / institute	NA

29. Awards/recognitions received at the national and International Level by Faculty and student;

Faculty: STATE LEVEL

Awards/recognitions	
Dr.K.Sabukuttan	<ul style="list-style-type: none"> Received Life time Achievement Award in 2014 for promotion of yoga and Naturopathy from the Indian Martial Arts Academy Thrissur, Kerala Received Sarojini Damodar Foundation Award twice for the recognition of his service in propagating Organic Farming in 100 affiliated colleges under Mahatma Gandhi University during the year 2016 and also for the academic contributions in spreading the message of Organic Farming by starting Certificate and Diploma Courses at the University. Received Certificate of Honour for the incredible contributions in Social Service for the years 2012-13,2013-14



	<p>and 2014-15 by Kerala Action Force, Anwar Pain and Palliative Care and IMA Madhya Kerala</p> <ul style="list-style-type: none"> • Received the Youth Promotion Award 2014 from the Centre for Research and Action (CIRA) in recognition of Significant Contribution in the field of Youth Development • Received the Best Programme Co-ordinator Award during the year 2013-14 and 2015-16 • Received the Kamala Dalam Award in 2016. • Received Synergy Award for the Empowerment of Youth in 2016
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NATIONAL LEVEL

Awards/recognitions	
Dr.K.Sabukuttan	<ul style="list-style-type: none"> • Received Indira Gandhi NSS Award for the year 2013-2014 for the BestNSS Programme Co-ordinator from the Hon'ble President of India Sri Pranab Kumar Mukherjee. • Received Indira Gandhi NSS Award (Certificate of Appreciation) for the year 2012-2013 for the best NSS Programme Co-ordinator from the Hon'ble President of India Sri Pranab Kumar Mukherjee. • Received the IPCAI National Award for the outstanding contributions in the field of Community Organisation through National Service Scheme of Mahatma Gandhi University in November 2016.

Awards/recognitions	
STUDENTS	<ul style="list-style-type: none"> • Anish Mohan a former student of counselling course received the State Award for Best Trainer for the differently abled in 2014 from the Social Welfare Dept of Kerala. It was in response to his request that the Kerala State Road Transport Commissioner issued an order to establish Special Parking Area for Differently Abled persons in all Govt/ Public

	<p>Institutions.</p> <ul style="list-style-type: none"> • Johnny Jose, Dy. Chief Accountant, Cochin Port Trust-introduced yoga linked Taichi-Karaete martial art form. Holder of karate 6th degree black belt, shorin-ryu style, Japan. Twice national karate champion, former Kerala University Football Captain. • T.M. Varghese, received National Award for Best Teacher. • G. Sreekumar received Best PR Professional National Award in India. • Shibu K. Raju won Fourth Rank in Masters in Music from University of Kerala. • Yoga championship winners: <ul style="list-style-type: none"> ➤ MeeraT. Abdulla, Best Performer, karnataka state championship (Ministry of Ayush and Sports University) ➤ K.K.Rajesh, Best Performer, Patanjali Yoga State Championship ➤ Thomaskutty Varghese, Best Performer, Kottayam District Championship ➤ Anilkumar, Best Performer, Trissur District Championship ➤ Amalasuresh, Third Position, M.G.University Championship
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30. Seminars/conferences/workshops organized and the source of funding with details of outstanding participants if any:-

Sl. No.	Programme organized	Source of funding	Outstanding participants
1.	Four day Seminar on Organic Farming-31 Jan 2013 to 3 Jan 2013	Department Development Fund	Sri. K.V.Dayal, Organic Expert
2.	One Day Seminar on Organic Farming-16 October 2014	Department Development Fund	Sri. K.V.Dayal, Organic Expert
3.	The International Seminar –26-28 February, 2016-“Extension the Third Dimension of Education”	Department Development Fund	
4.	Two Day National Seminar on Relevance of Yoga in Modern Life-18 -19 March,2016	Department Development Fund	HiraRetanManek, Sun Gazing Expert
5.	One Day Workshop on Career Guidance on 29 March 2016	Department Development Fund	Sinu Thomas
6.	National Seminar on the Trends and Developments in the Education of Children with Learning Disabilities, 07 May 2016	Department Development Fund	Himshu Tripathi , Alagappa University
7.	TCI workshop on the theme “Where in lies my inner fire? How can I make it a flame” 9-11 May, 2016	Department Development Fund	Dr.C.Thomas Abraham
8.	National Seminar on Blood and Organ Donation-Scientific and Motivational Aspects -5 - 7October 2016.	Department Development Fund	<ul style="list-style-type: none"> • Dr.SundarPeriyavan (NIMHANS, Bangalore) • Dr.C.Shivaram (Manipal Hospital, Bangalore) • Dr.SusheelaKamath (Principal Auditor/ Assessor- NABH BB) • Padmasree Dr.S.Tony Fernandez (Dr.Tony’s Eye Hospital, Aluva) • Dr.NeerajSidharthan (AIMS, Kochi)



9.	International Conference – “Envision- A Holistic View on Empowering Women, Date-15- 16 November, 2016	Department Development Fund	
10.	Inter Collegiate Seminar on Life Style and Total Health. 30 November 2012 to 2 December 2012	Jointly organised by St.Xavier’s College, Aluva and National Service Scheme of MG University and Department of Life Long Learning and Extension	
11.	Inter collegiate camp on Leadership&Personality Development. 1-3 March 2013.	Jointly organised byNirmala College, Muvattupuzhaand National Service Scheme of MG University and Department of Life Long Learning and Extension	
12.	Organic Farming Training Programme 3 December 2013	Jointly organised by Assumption College, Chanagacherry and National Service Scheme of MG University and Department of Life Long Learning and Extension	Sri. K.V.Dayal, Organic Expert
13.	Intercollegiate camp on Environment and Skill Development on 20-22 December 2013.	Jointly organised by MES College, Erumely and National Service Scheme of MG University and Department of Life Long Learning and Extension	
14.	One day seminar on personality development on 11 January 2014.	Jointly organised by K.G.College Pampadyand National Service Scheme of MG University and Department of Life Long Learning and Extension	<ul style="list-style-type: none"> • Jimmy Joseph, Skill Development Trainer • Dr.K.Joy
15.	Personality Development Programme on 05 February	Jointly organised by St.Joseph’s College,	



	2014	Moolamattom and National Service Scheme of MG University and Department of Life Long Learning and Extension	
16.	Women Entrepreneurship Development Programme	Jointly organised by Alphonsa College, Pala and National Service Scheme of MG University and Department of Life Long Learning and Extension	

31. Code of Ethics for research followed by the Department:

Plagiarism will be assessed before submission of research papers for publication.

32. Student Profile programme wise:

The department conducts courses in a non-formal format. Classes are conducted on Saturdays and Sundays. The admission procedure is **first come first serve method**. The information regarding the starting of the new batches are informed to the general public through the leading newspapers. A fixed date is scheduled for the admission of various courses and the seats are filled as per the allotted number. Hence the number of applications received is equal to the number of allotted vacancies. The no. of vacancies for the various courses are as follows.

- Certificate Course in Organic Farming-50
- Certificate Course in Counselling-50
- Certificate Course in Management of Learning Disabilities-50
- Certificate Course in Counselling-50
- Diploma in Yogic Science-50

33. Diversity of Students: NA

34. How many Students have cleared Civil Services examinations,NET,SET,GATE and other competitive examinations? Give Details category-wise: NIL

35. Student Progression:NA

36. Diversity of staff:

Percentage of faculty who are graduates	
Of the same university	75
From other universities within the state	25
From universities from other states	0
Universities outside the country	0

37. Number of faculty who were awarded M.Phil, Ph.D, DSC, and D.Litt during the assessment period- NIL

38. Present details of the departmental infrastructural facilities with regard to:

- a. Library- A library facility is available for the students of the Department.
- b. Internet facilities for staff and students: Available
- c. Total number of class rooms- 3
- d. Class rooms with ICT facility- Nil
- e. Student's laboratories- Nil
- f. Research Laboratories- Nil

39. List of doctoral, post-doctoral students and Research Associates- Nil

40. No. of post-graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programmes, If so highlight the methodology.: Based on surveys and need based studies the new programmes are introduced

42. Does the department obtain feedback from –

a. Faculty on curriculum as well as teaching-learning evaluation? if yes how does the department utilize the feedback

Yes, the Department utilizes the feedback from the faculty for the betterment of the course structure, and for updating syllabus.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback

Yes. A feedback form is given to the students to obtain students feedback on staff, curriculum and teaching-learning-evaluation. They have the option to add their general comments other than what is asked in the format. The department views the



feedback taking procedure as a serious one and the committee of faculties and the HOD evaluate the feedback forms and take necessary actions wherever it is needed. The suggestions from the candidates are taken into consideration while preparing the next schedule.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes. The feedback from the alumni is also taken for the betterment of the course and it is given in a non-formal way in the alumni meetings.

43. List the distinguished alumni of the department

S.No	Name	Current Position
1.	Sri.M.R. Unni	Registrar,M.G. University
2.	G.Sreekumar,	Former P.R.O, M .G.University
3.	T.M.Varghese	recipient of National award for the best teacher
4.	Prof. Thomas Joseph	Former Secretary, Higher Education Council, Kerala

44. Give details of student enrichment programmes(Special lectures/ workshops /seminars)involving external experts

Sl. No.	Student enrichment programmes organized
1.	Four day Seminar on Organic Farming 31-01-2013 to 3-02-2016
2.	One Day Seminar on Organic Farming-16-10-2014
3.	International Old Age Day – October 1 st 2015
4.	The International Seminar -“EXTENSION: THE THIRD DIMENSION OF EDUCATION” - February 26-28, 2016
5.	Jalatharangam -2016- a programme on rainwater harvesting
6.	World Environment Day Celebration-June 5, 2015
7.	Two Day National Seminar on Relevance of Yoga in Modern Life18 th and 19 th March,2015
8.	One Day Workshop on Career Guidance on 29/03/2016
9.	National Seminar on the Trends and Developments in the Education of Children with Learning Disabilities 7 th May 2016.
10.	Workshop on the theme “Where in lies my inner fire? How can I make it a flame”

11.	National Seminar on Blood and Organ Donation-Scientific and Motivational Aspects -5 to 7 October 2016.
12.	International Conference –“Envision- A Holistic View on Empowering Women 15-16 November,2016

45. List the teaching methods adopted by the faculty for different programmes

The teaching methods adopted for each course is different. For example the Certificate Course in Organic Farming gives more importance to practical training and knowledge gaining from the field, whereas the Certificate Course in Counselling & Management of Learning Disabilities course give more weightage for building the theoretical background and also a moderate percentage of teaching hours is dedicated for the practical aspects such as field visits, case study etc. Certificate Course in Yogic Science is different where practical and theoretical sessions has equality in the teaching.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Practical training is imparted to the students in the respective area of study and they turn in to employable people from the day one of their exit from the Department. For example the Programs in Yogic Science equip the participants with the skill sets and knowledge required to become instructors, thereby inspiring the larger society to taste the invaluable knowledge treasure of the Nation.
- The students of Organic Farming engage themselves in all agricultural practices right from grooming of the farmer to embrace paradigm shift in their practices. The concepts of converting Biowaste in to manure (Resource) and undoing the habit of burning the dried bio materials are imparted to the students. The students undergo all facets of agriculture right from soil preparation to harvesting.
- The students of the Learning Disability Management attend to the requirements of the parents and the children who have learning disability. Nature camps are also promoted.
- The students mandatorily attend to field visits and public interface programs of which reports are regularly collected, corrected and verified by the faculty.
- The Yoga students under the supervision of the Faculty regularly conduct extension activities through Yoga for Masses- a Public Health Initiative. Basics of yoga are introduced to the public as part of the Initiative, to check growing Life Style Diseases and to impact on the public health, minimizing medicines and its side effects. 477 Yoga professionals who are appropriately skilled to provide training for



the public have passed out from the Department during the assessment period. More than 192 students have started Yoga training centres have been launched by the MGU Alumni, besides reaching the message of Yoga to more than 25,000 people through mass contact programme for healthy living and freedom from life style diseases.

- The Department offers **Counsellor on Call** to the students and educational institutions as and when required. More than 2000 students have been counselled through the system so far.
- The students and the faculty conduct regular **Learning Disability Detection Camps** for appropriate remedial measures for assured progression of the children with disability. 152 students have been trained in managing Learning Disability.
- The Alumni have started 11 remedial teaching centres in various parts of the state of which majority are Homoeo doctors.
- The students of the Department have been sent to all Colleges under the University as brand ambassadors of Organic Farming. **100 Organic Farming Clubs** have been set up in Colleges under the varsity, and cumulatively all the Clubs have produced vegetables worth Rs 50 lakhs. Imbibing the spirit of “Plenty for All” the Alumni have launched unique startups in the farming sector which include Marketing Ventures (eg. Assissia, Padivattom, Ernakulam), Cooperative Societies (eg. Samhari, Trissur), Teaching School for Agriculture, Pandalam.

47. Highlight the participation of students and faculty in extension programmes

The name of the Department itself is self proclamatory regarding the extension activities. The extension is part of academics here. The extension activities are carried out as per the UGC mandate in this regard

- **Personal Development Centre**

The Personal Development Centre of the Department gives counselling and guidance services to the University staff, students and to the general public. It offers reliable confidential services to alleviate the stress and strain and boost the level of confidence of the beneficiaries. The persons associated with the Certificate Course in Counselling also collaborate with the efforts of the Personal Development Centre.

- **Grama Vikas Kendra**

Grama Vikas Kendra of the Department is a self-sufficient service unit that ensures campus community partnership in a unique way. The department has adopted a village near the campus and it is Nalapathimala. The Department has also adopted two wards in the Athirampuzha Panchayat (Central Ward-8 and Ward 4) and RSWLP School, Kattathy, Ettumaanoor (Ward 4). The department is conducting awareness programmes and campus community outreach programmes in these adopted wards, school and

village. There is a senior citizen's forum under the Department and the senior members from Nalpathimala are members in it. The Department conducted socio-economic survey and house visit in the adopted wards and in Nalpathimala village.

- **Counsellor on Call**

Department of Life Long Learning and Extension offers Counselling for the needy in a venture known as Counsellor on Call. There is a part time counsellor available at the Department. The staff, students from affiliated colleges and the people from adopted villages can make use of this facility absolutely free of cost on prior appointment.

- **Thanima 2011**

Thanima 2011 was organized as a culmination of the one year project undertaken by the Department for identifying, honouring and promoting the traditional artisans and crafts men with exceptional skills. Around 30 stalls were arranged and more than 50 artisans participated in the exhibition.

- **CAP Help Desk**

The Department rendered its laudable service to the University during the Centralised Allotment process for U.G. Admission in the academic year 2011-12 In association with the University Information Centre, the Department opened three CAP Help Desks at Pallickathodu, Kottayam and Pathanamthitta. It also cooperated with the University Information Centre at Vaikom by lending the service of one NSV for the smooth conduct of the Help Desk. Around 1200 candidates submitted their application through Help Desk opened by the Department. The Help Desks were functioning from May to July.

- **Campus Guards Day Celebration**

24 May 2011 was reserved for the get-together and merry-making of the campus guards. Around 250 ladies including the former members of the Campus Guards assembled in the University Assembly Hall at 10.30 am.

- **UID Registration**

In July 2012 the Department made arrangements for UID registration at the Department utilizing the service of the personnel from Akshaya Centre, Vayala. More than two hundred persons benefited from the service.

- **Harvest Ceremony and Exhibition**

On 11th November 2012 under the aegis of the Department, a meeting of the organic farming was held at the University. Seeds and vegetables were exhibited and distributed in the meeting in celebration of the new harvest season.

- **Geriatric Health Survey**

The project staff of the Department collaborated with the MPH students of University College of Medical Education, Kottayam in conducting a Geriatric Mental Health



Survey from 11 to 14 of January 2013 giving special emphasis on Alzheimer's disease. The survey also covered the socio-economic aspects of physical, mental and psycho-social health of the aged population. Based on its findings practical measures are formulated to tackle existing crisis.

- **Exhibition of FUKUOKA'S Photos, 28 April 2013**

The students of Organic Farming arranged a photo exhibition on 28/04/2013, Sunday at the Department. The exhibition covered the rare photos of Masanobu Fukuoka. A session on the Japanese veteran's farming methods and life exhibition on natural farming and one straw revolution had a positive impact on the aspirants of organic farming. It was an occasion to learn about cost effective and environment friendly ways of farming.

- **Four day Seminar on Organic Farming, 31 Jan to 3 Feb, 2013**

Department of Lifelong Learning and Extension organised a four day Organic Farming Seminar. A field visit to the Organic Farms were also arranged on the last day of the seminar. Apart from the students around 40 promoters of Organic Farming has attended the Seminar.

- **Health Awareness Campaign**

The Department of Lifelong Learning and Extension joined hands with the National Service Scheme of Mahatma Gandhi University in conducting a health awareness Campaign on the wake of diseases like Chikungunya and Dengue Fever. The Health Awareness Programme was conducted on 15th July 2013 at the University Assembly Hall. From 15th to 22nd July 2012 Homoeo medicines to curb Chikungunya and Dengue fever were distributed in the University Campus.

- **Human Rights Day Celebration**

On Friday 10th October 2014, the Department celebrated the Human Rights Day. A meeting of the members of the GramaVikas Kendra was convened at the Department.

- **One Day Seminar on Organic Farming-16 October 2014**

Organic Farming being one of the thrust areas in the extension activities of the institution the Department has organised a one day Organic Farming seminar. The seminar was intended to spread the message of Organic Farming by giving training to the NSS Volunteers through the campus community partnership.

- **Digital India Mega Camp-2015**

Department of Life Long Learning and Extension took up the Prime Minister's flagship programme Digital India. In connection with the initiative, the Department conducted a Digital India Mega Camp for the Staff and Students of Mahatma Gandhi University. The camp's prime concern was to distribute Digital Locker and also a presentation of the Digital Services available. The programme was conducted in connection with the Akshaya Project, Kottayam.

- **International Yoga Day Celebration-June 2015**

The first International Yoga day was celebrated by the Department of Life Long Learning and Extension in association with the National Service Scheme of the Mahatma Gandhi University at the B.K.College, Amalagiri.

- **International Old Age Day-2015**

“Thanalekiyavarkk Thanalekam” was the theme of the International Old Age Day Celebrations of the year 2015. The theme means giving shadow to those who provided shade for us. The main aim of the programme was to acknowledge the old people and also to give emotional support to the old people. The young generation should make it habit to support the elderly as part of the culture.

- **The International Seminar- Feb-26-28, 2016 Extension-The Third Dimension Of Education**

Department of Lifelong Learning and Extension joined hands with the National Service Scheme of Marian College, Kuttikkanam for the International Seminar entitled “Extension-The Third Dimension of Education.

- **Jalatharangam -2016**

Jalatharangam 2016-a programme organised in association with the State Bank of Travancore was about cost effective rain water harvesting by taking rainwater pits.

- **World Environment Day Celebration-June 5, 2015**

The department celebrated World Environment day by planting saplings in the University Campus Premises.

- **Two Day National Seminar on Relevance of Yoga in Modern Life, 18-19 March 2016**

The Department organised a Two days National Seminar on the Relevance of Yoga in Modern Life. The seminar was organized in association with the Centre for Yoga and Naturopathy and Kottayam District Yoga Sports Association at the SGTDS Seminar Hall.

- **One Day Workshop on Career Guidance on 29/03/2016**

Department of Life Long Learning and Extension has organised One day Workshop on Career Guidance on 29/03/2016 for the students from the affiliated colleges under Mahatma Gandhi University.

- **National Seminar on the Trends and Developments in the Education of Children with Learning Disabilities 7 May 2016**

The department organized a national Seminar on the Trends and Developments in the Education of Children with Learning Disabilities on 7 May 2016. The co-organizer of



the seminar was Institute of Research in Learning Disabilities, School of Behavioural Sciences, MG University.

- **Two Days TCI workshop from May 9th to 11th 2016**

Theme-Centered interaction (TCI) is a concept and a method for working in groups. Its aim is social learning and development of the person. A two day workshop was arranged by the Department of Lifelong Learning and Extension in association with the National Service Scheme of the Mahatma Gandhi University on the above topic.

- **National Seminar on Blood and Organ Donation-Scientific and Motivational Aspects -5th to 7th October 2016.**

The objective of the national seminar was to give some basic ideas on the scientific aspects of organ/blood donation. The seminar also focused on the legal awareness, ethical issues and counseling needs regarding organ/blood so as to eradicate the ignorance among the common people in this regard.

- **International Conference –“Envision- A holistic View on Empowering Women: 15-16 November, 2016**

The objective of the seminar was to stimulate a holistic progress in women empowerment by creating an encouraging environment for social change for a good cause. The Conference brought together eminent Scholars, academicians, policy makers, researchers, social workers, NSS volunteers, students and experts from India and abroad to discuss the multi- dimensional aspects in empowering women.

The recommendations of the Conference was submitted to the policy makers and other concerned departments for information.

- **Department/Society Linkages in Extension Activities**

- Athirampuzha Grama Panchayat – Adoption of Ward 4 and Ward 8 for Socio-Economic Development Initiatives
- Athirampuzha Grama Panchayat- Adoption of Kattathy Government LPSchool, to be converted as a model school.
- Kottayam Municipality- Swatcha Bharata Abhiyan
- Kottayam District Panchayat- Awareness program on Life Style Diseases
- Southern Railways, Kottayam- Government Sponsored Public Awareness Programme
- Health Department- Awareness program on Infectious diseases and sanitation
- Prisons- Counselling
- Legal Literacy Mission- Love Kottayam Project
- Vigilance And Anti-Corruption Bureau – Youth Against Corruption
- Information Kerala Mission- Vivaranidhi- e-Governance for citizens

- St. John of God, Pampady- Counselling
- Molly Pauls Farm- Organic Farming
- Vrindavanam Garden, Ettumanoor- Organic Farming
- Amrutham Naturopathy Centre, Vazhoor, Sensitisation on Food habits, Yoga
- Aswasabhavanam, Pampady, Counselling
- Gurukulam, Pampady, Counselling
- MariyaSadanam, Palai- Counselling, Yoga training
- Trada, Manganam - Counselling
- Collaborated with the Alumni of the Department to adopt a Tribal Village in Edamalakudi

FIELD VISITS

- The Certificate Course in Counselling students visit the following places
 - St. John of God, Pamapady
 - Aswasabhavan, home for the children of Prisoners, Pampady, Kottayam
 - Mariya Sadhanm Pala
 - Trada, Manganam
- The Certificate Course in Yogic Science students visit the following places
 - Amrutham Naturoopathy Centre, Vazhoor
- The Certificate Course in Management of Learning Disabilities students visit the following organizations
 - Gurukulam, Pamapady
 - St. John of God, Pamapady
- The Certificate Course in Organic Farming students visit the following Fields.
Organic Farms owned by Baiju, Prakasan Cherthala.
Vrindavan Garden, Ettumanoor.



48. Give details of “beyond syllabus scholarly activities” of the department

1.	Adoption of village for Socio-Economic Development Initiatives
2.	Adoption of Kattathy Government LPSchool, to be converted as a model school.
3.	Kottayam Municipality- SwatchaBharataAbhiyan
4.	Kottayam District Panchayat- Awareness program on Life Style Diseases
5.	Southern Railways, Kottayam- Government Sponsored Public Awareness Programme
6.	Health Department- Awareness program on Infectious diseases and sanitation
7.	Prisons- Counselling
8.	Legal Literacy Mission- Love Kottayam Project
9.	Vigilance And Anti-Corruption Bureau – Youth Against Corruption
10.	Information Kerala Mission- Vivaranidhi- e-Governance for citizens
11.	Kottayam Municipality- SwatchaBharataAbhiyan
12.	Kottayam District Panchayat- Awareness program on Life Style Diseases

49. State whether the programmes/department is accredited/ graded by other agencies?: No

50. Briefly highlight the contributions of the department in generating new knowledge basic or applied:

The department contribute to the production of new knowledge in various ways. Publications of the faculties are one such way.

51. Detail five major Strengths/Weakness, Opportunities and Challenges

Strengths

- Centre of Excellence for disseminating knowledge through the non-formal method.

- Phenomenal growth of students due to credibility and cost-effectiveness of the system.
- Increased acceptance by various agencies.
- Excellent Staff strength.
- Extensive, efficient and functionally effective network for diversified student support and collaborative learning.

Weakness

- Access not beyond district level
- Inadequate mechanism for continuous professional development of faculty and staff due to financial problem
- Lack of funds to promote collaborative inter-university alliances/consortium
- Lack of browsing facilities for the students
- Lack of international collaboration

Opportunities

- Ever increasing opportunities for higher education and up gradation of life-coping skills.
- Scope for imparting education using emerging technologies
- Need for continuous training of a huge workforce in the developing countries with large populations, projects and plans
- Focussing on disadvantaged groups and less developed regions

Challenges

- Continuing professional development of faculty and staff, especially for technology-enabled education and training
- Continued efforts required to upgrade standards in the context of global competition.
- Attracting best talent and retaining them
- Sustain quality education under resource constraints and pressure of large numbers
- National and international networking

52. Future plans of the department

- To become centre of excellence in the national level in Lifelong Learning and Extension



- To start M.A in Counselling.
- To start online courses in Counselling & Management of Learning Disabilities etc (6 month certificate courses.
- To start a Civil Services Coaching Centre at the Department and to give coaching for preliminary, Main and Interview.
- To develop the department as a Skill Development Centre.
- To adopt an entire village as a live lab for the extension activities of the Department.



DEPARTMENT OF PRINTING AND PUBLISHING

1.	Name of the Dept:	:	DEPARTMENT OF PRINTING AND PUBLISHING
2.	Year of establishment	:	1988
3.	Is the Department part of a School/Faculty of the university?	:	NA
4.	Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)	:	NIL
5.	Interdisciplinary programmes and departments involved	:	The activities of the department are highly interdisciplinary where the department publishes books related to Humanities Social Science , Science and Arts
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.	:	NIL
7.	Details of programmes discontinued, if any, with reasons	:	NIL
8.	Examination System	:	Not Applicable
9.	Participation of the department in the courses offered by other departments:	:	Preparing books in the syllabus of UG and PG courses of the University
10.	Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/Asst. Professors/others)	:	NA- This is not a teaching Department



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance: NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : Not Applicable

13. Percentage of classes taken by temporary faculty – programme-wise information:

Not Applicable

14. Programme-wise Student Teacher Ratio: Not Applicable

15. Number of academic support staff (technical) and administrative staff (sanctioned, filled and actual):

Administrative Staff

Director- Vacant

Technical Staff

Cultural Officer – Retired from service on 30-11-16

Asst Editor (Malayalam) – Retired from service voluntarily on 31-7-16

Asst Editor (English) – On leave

Office Staff : 3 (Permanent -2, Temporary -1)

16. Research thrust areas as recognized by major funding agencies

- Publishing books prescribed in the syllabus of Under Graduate and Post Graduate Courses of Mahatma Gandhi University
- Co-publishing books (that are very much helpful to the society) with famous publishers
- Selling rare and famous books published by different publishers through the book stall run by the Department

17. Number of faculty with ongoing projects from a) national b) international funding Agencies and c) Total grants received. Give the names of the funding agencies, Project title and grants received project-wise: Not Applicable



18. Inter-institutional collaborative projects and associated grants received

Books published by the Department from 2010

Sl. No	Title of Books	Co-Publishing with
1	UNDERSTANDING INDIA : REFLECTIONS ON INDIAN POLITY	MACMILLAN PUBLISHERS
2	SAHITHYA DARPAN	MGUCCS
3	VAAKKUM DRISYAVUM	MGUCCS
4	SAHITHYA MANJUSHA	MGUCCS
5	EZHUTHINTE VAZHICAL	MGUCCS
6	GADYA VITHANAM	MGUCCS
7	SAMSKRITHIK VIRASATH	MGUCCS
8	VISWA BHARATHI	MGUCCS
9	EVOLUTION OF THE PHILOSOPHY OF SCIENCE- LITERARY PERSPECTIVES	ANE BOOKS
10	EXECUTIVE COMMUNICATION	VIKAS PUBLISHING HOUSE
11	INDIAN ETHOS AND VALUES	VIKAS PUBLISHING HOUSE
12	STATISTICS FOR MANAGEMENT	VIKAS PUBLISHING HOUSE
13	ENVIRONMENTAL MANAGEMENT	VIKAS PUBLISHING HOUSE
14	PRINCIPLES OF MANAGEMENT	VIKAS PUBLISHING HOUSE
15	FINANCIAL ACCOUNTING	VIKAS PUBLISHING HOUSE
16	ECONOMICS FOR BUSINESS	VIKAS PUBLISHING HOUSE
17	DATA PROCESSING	VIKAS PUBLISHING HOUSE
18	BUSINESS MATHEMATICS	VIKAS PUBLISHING HOUSE
19	INDIAL LEGAL SYSTEM	VIKAS PUBLISHING HOUSE
20	E-BUSINESS	VIKAS PUBLISHING HOUSE
21	COST AND MANAGEMENT ACCOUNTING	VIKAS PUBLISHING HOUSE
22	ORGANISATIONAL BEHAVIOUR	VIKAS PUBLISHING HOUSE
23	HUMAN RESOURCE MANAGEMENT	VIKAS PUBLISHING HOUSE
24	FUNDAMENTALS OF MARKETING	VIKAS PUBLISHING HOUSE
25	MANAGEMENT INFORMATION SYSTEM	VIKAS PUBLISHING HOUSE



26	PRODUCTION MANAGEMENT	VIKAS PUBLISHING HOUSE
27	OPERATIONS RESEARCH	VIKAS PUBLISHING HOUSE
28	FINANCIAL MANAGEMENT	VIKAS PUBLISHING HOUSE
29	RESEARCH METHODOLOGY	VIKAS PUBLISHING HOUSE
30	ORGANISATIONAL STUDY	VIKAS PUBLISHING HOUSE
31	PROJECT MANAGEMENT	VIKAS PUBLISHING HOUSE
32	STRATEGIC MANAGEMENT	VIKAS PUBLISHING HOUSE
33	EPPADI PADINARO	SPCS
34	VASTHU VIDYA- THATHWAVUM CHARITHRAVUM	VASTHU VIDHYA GURUKULAM
35	VASTHU VIDYA - SAMOOHA VINYASAM	VASTHU VIDHYA GURUKULAM
36	VASTHU VIDYA - PRASNAVUM PRATHIVIDHIYUM	VASTHU VIDHYA GURUKULAM
37	VADAKKAN PATTU KATHAKAL	DC BOOKS

No grant was received for these projects. The royalty collected during the period is as follows

Summary of Royalty Earned	
Year	Amount (₹ in Lakhs)
2010	2.32
2011	3.23
2012	3.12
2013	3.05
2014	0.90
2015	2.00
2016	4.02
Total	18.68 Lakhs

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil

20. Research facility / centre with

<ul style="list-style-type: none"> • State recognition: • National recognition: • International recognition: 	NIL
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21. Special research laboratories sponsored by / created by industry or corporate Bodies: Nil

22. Publications:

Sl. No	Publications	Total
1.	Refereed Journal Publications	Nil
2.	Monographs	Nil
3.	Conference Proceedings	Nil
4.	Chapters in Books	Nil
5.	Edited Books	37
6.	Books authored with ISBN	Nil
7.	Books authored without ISBN	Nil
8.	Articles in popular publications	Nil
9.	Total	37

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil

Citation Index – range / average : Not Applicable

SNIP : Not Applicable

SJR : Not Applicable

Impact Factor – range / average : Not Applicable

h-index : Not Applicable



23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated:

Income generated through Royalty earned by Co publishing books with leading publishers.

Summary of Royalty Earned	
Year	Amount (₹ in Lakhs)
2010	2.32
2011	3.23
2012	3.12
2013	3.05
2014	0.90
2015	2.00
2016	4.02
Total	18.68 Lakhs

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Not Applicable

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) : NIL

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs): NIL

28. Student projects:

- percentage of students who have done in-house projects including interdepartmental projects: **Not applicable**
- percentage of students doing projects in collaboration with other universities / industry / institute: **Not applicable**

29. Awards / recognitions received at the national and international level by :

Not Applicable

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any : NIL



31. Code of ethics for research followed by the departments: Not Applicable

32. Student profile programme-wise: Not Applicable

33. Diversity of students: Not Applicable

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Not Applicable

35. Student progression : Not applicable

36. Diversity of staff : Not Applicable

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Nil

38. Present details of departmental infrastructural facilities with regard to

- a. Library – Equipped with 2746 books
- b. Internet facilities for staff and students – Available
- c. Total number of class rooms - NOT APPLICABLE
- d. Class rooms with ICT facility: Nil
- e. Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates : Nil

40. Number of post graduate students getting financial assistance from the university:

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : Nil

42. Does the department obtain feedback from

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Not applicable

- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Not applicable



- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Not applicable

43. List the distinguished alumni of the department (maximum 10): Nil

44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts: Nil

45. List the teaching methods adopted by the faculty for different programmes: Nil

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? – Not Applicable

47. Highlight the participation of students and faculty in extension activities :

Not Applicable

48. Give details of “beyond syllabus scholarly activities” of the department:

NOT APPLICABLE

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. - Not Applicable

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Published 37 books on co-publishing basis during the period from 2010 to 2016 with different leading publishers.
- Published E-book “VADAKKAN PATTUKATHAKAL” – first by an Indian University
- Selling rare and famous books (with sufficient discounts) published by different publishers through the book stall run by the Department so that these books are easily available to the society

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strength:

- i) Co-publishing books with other publishers helps to publish rare books which are helpful to the students and common people of Kerala.
- ii) Publishes books for UG / PG courses of the University which helps the students of affiliated colleges.
- iii) Runs a book stall in the University campus through which very rare books are made available to the public as well as to the student community.

- iv) Department library has rare collection of books in connection with Printing Industry.
- v) Generates income to the University through Co-publishing as well as through own publication

Weakness:

- i. Four main posts are vacant now
Director- Retired from service
Asst Editor (Malayalam) – Retired Voluntarily
Asst Editor (Eng)- On leave
Cultural Officer – Retired from service on 30-11-16
- ii. Lack of printing machinery compels the department to depend external agencies to complete the work
- iii. Since no courses are conducted by the Department, growth of the Department is limited
- iv. Lack of library staff
- v. Lack of space

Opportunities:

- i. The department has successfully published first E-book by an Indian University. Similar ventures may be completed in the future.
- ii. Many more books related to culture of Kerala can be published (now publishing books related to “Vasthu Vidya” in collaboration with Vasthu Vidya Gurukulam)
- iii. Publishing books / study materials of other Universities may broaden the role of the Department and will generate much more income to the University
- iv. Research works of the students of various Departments can be published through proper channel so that the wide information may be made available to the society

Challenges:

- i. Lack of Permanent employees who has educational background related to printing
- ii. Generation of better output with the available resource and facilities.
- iii. Lack of sufficient space, infrastructure and machinery.
- iv. Utilizing effective linkages with Printing industry

52. Future plans of the department.

- Publishing various books related to topics which are not covered by private publishers.
- New ventures like E-book in connection with our affiliated colleges



- Starting courses related to Printing will help the student community
- By purchasing machinery and appointing technical persons, a wide printing needs of the University can be covered here itself. Especially confidential documents related to examinations