

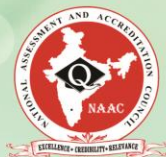


# **KURIAKOSE ELIAS COLLEGE MANNANAM**

Re-accredited by NAAC with ' A ' Grade  
Affiliated to Mahatma Gandhi University

## **ANNUAL QUALITY ASSURANCE REPORT (AQAR) for the year 2016-2017**

Submitted to



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**



## The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, June 1, 2015 to may 31, 2016)*

### Part – A

**AQAR for the year (for example 2013-14)**

**2016 - 2017**

#### 1. Details of the Institution

1.1 Name of the Institution

**KURIAKOSE ELIAS COLLEGE**

1.2 Address Line 1

**MANNANAM**

Address Line 2

**KOTTAYAM District**

City/Town

**KOTTAYAM**

State

**KERALA**

Pin Code

**686561**

Institution e-mail address

**kecollegemnm@gmail.com**

Contact Nos.

**0481-2597374**

Name of the Head of the Institution:

**Rev. Dr. Benny Sebastian**

Tel. No. with STD Code:

0481-2597074

Mobile:

09447884877

Name of the IQAC Co-ordinator:

Dr. Antony Thomas

Mobile:

09447212892

IQAC e-mail address:

keciqac@gmail.com, antonykec@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

EC/63/RAR/39/23-03-2013

1.5 Website address:

www.kecollege.in

Web-link of the AQAR:

http://kecollege.in/iqac/

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	4 Star		2000	5 Years
2	2 <sup>nd</sup> Cycle	A	3.10	2013	5 Years

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

03/06/2013

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

**AQAR 2012-2013 submitted to NAAC on 22-11-2013**  
**AQAR 2013-2014 submitted to NAAC on 30-03-2015**  
**AQAR 2014-2015 submitted to NAAC on 31-03-2016**  
**AQAR 2015-2016 submitted to NAAC on 30-03-2017**

1.9 Institutional Status

University State ☒ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☐ No ☒

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☒ UGC 12B ☒

Grant-in-aid + Self Financing ☒ Totally Self-financing ☐

1.10 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

**MAHATMA GANDHI UNIVERSITY,  
KOTTAYAM**

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University NA

University with Potential for Excellence	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>	UGC-CPE	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>
DST Star Scheme	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>	UGC-CE	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>
UGC-Special Assistance Programme	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>	DST-FIST	<span style="border: 1px solid black; padding: 2px 10px;">√</span>
UGC-Innovative PG programmes	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>	Any other ( <i>Specify</i> )	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>
UGC-COP Programmes	<span style="border: 1px solid black; padding: 2px 10px;">NA</span>		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	<span style="border: 1px solid black; padding: 2px 10px;">09</span>	
2.2 No. of Administrative/Technical staff	<span style="border: 1px solid black; padding: 2px 10px;">03</span>	
2.3 No. of students	<span style="border: 1px solid black; padding: 2px 10px;">01</span>	
2.4 No. of Management representatives	<span style="border: 1px solid black; padding: 2px 10px;">02</span>	
2.5 No. of Alumni	<span style="border: 1px solid black; padding: 2px 10px;">01</span>	
2. 6 No. of any other stakeholder and community representatives	<span style="border: 1px solid black; padding: 2px 10px;"></span>	
2.7 No. of Employers/ Industrialists	<span style="border: 1px solid black; padding: 2px 10px;"></span>	
2.8 No. of other External Experts	<span style="border: 1px solid black; padding: 2px 10px;">01</span>	
2.9 Total No. of members	<span style="border: 1px solid black; padding: 2px 10px;">16</span>	
2.10 No. of IQAC meetings held	<span style="border: 1px solid black; padding: 2px 10px;">03</span>	
2.11 No. of meetings with various stakeholders:	<span style="border: 1px solid black; padding: 2px 10px;">03</span>	Faculty <span style="border: 1px solid black; padding: 2px 10px;">02</span>

Non-Teaching Staff

01

Alumni

Others

2.12 Has IQAC received any funding from UGC during the year? Yes

No

✓

If yes, mention the amount

NIL

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.

International

National

State

Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

**The IQAC of the college has been relentless in promoting all steps possible in maintaining and improving the quality of the activities of the college. It has taken measures to orient the newly recruited teachers of the college into the teaching vocation by giving them an orientation class at the beginning of the year.**

**To strictly follow English as the medium of instruction to improve the communication skills of the students.**

**To make use of the Video Conferencing System and SMART room to the maximum.**

**To collect teachers' evaluation by students and give proper guidance to teachers.**

**To undertake skill oriented programmes by the Departments.**

**To make student mentoring more effective.**

**To update the College website frequently.**

**To make use of e-resources in the teaching-learning process.**

**To make a detailed analysis of UG and PG results. To implement an internal academic audit system**

**To maintain a students' progression register**

**To make the campus more eco-friendly and to make it free from the clutches of flex boards, an electronic display system is installed.**

**To arrange a series of talks on quality improvement strategies**

**To constitute seven subcommittees to draft the criteria wise reports and to conduct visits to the Departments by the IQAC Core Committee to examine the progress of preparedness for the ensuing NAAC visit.**

#### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Each Department to organize minimum two seminars a year	Each Department conducted at least two seminars
To strictly follow English as the medium of instruction	Teachers made sincere efforts to use English as the medium of instruction
To make teaching learning more ICT based.	More teachers started using e-resources and ICT in teaching
To ensure the safety of students in the campus	A security personal was appointed.
To undertake skill oriented programmes by the Departments	Clubs, Associations and Forums arranged various skill development programmes
To initiate student mentoring Introduction of teacher's performance record	Mentoring records were provided to teachers. It was ensured that manageable number of students was allotted to each teacher. Teacher's performance record was provided to each faculty to record their activities in the College. Each Department has prepared analysis of the
Each department is to make an analysis of their students' University exam Results	University exam results immediately after their publications
To constitute a core committee	A core committee was constituted to monitor the quality assurance activities pertinent to the ensuing NAAC peer team visit Committees constituted

2.15 Whether the AQAR was placed in statutory body

Yes

☒

No

☐

Management ☐Syndicate ☐Any other body ☐☒ College Council

Provide the details of the action taken

The college council held on 01/08/2017 discussed the AQAR in detail. The coordinator of IQAC Dr. Antony Thomas presented the report using LCD projector. Many suggestions, additions and deletions were put forward by the council members and all the suggestions were incorporated in the final report.

## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	03			
PG	11		06	
UG	14		04	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	07			
Others				
<b>Total</b>	<b>35</b>		<b>10</b>	

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	<b>All programmes (both UG and PG) are semester wise</b>
Trimester	
Annual	

##### 1.3 Feedback from stakeholders\* Alumni ☐

Parents ☒Employers ☐Students ☒*(On all aspects)*

Mode of feedback :

Online ☐Manual ☒



*\*Please provide an analysis of the feedback in the Annexure*

### **Annexure I Analysis of Feedback**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

**No revision has been made in the syllabus in the academic year 2016- 17**

1.5 Any new Department/Centre introduced during the year. If yes, give details.

## **Criterion – II**

### **2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
<b>63</b>	<b>49</b>	<b>14</b>	<b>-</b>	<b>-</b>

2.2 No. of permanent faculty with Ph.D.

**27**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
	<b>8</b>								

2.4 No. of Guest and Visiting faculty and Temporary faculty

**60**

**4**

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	<b>45</b>	<b>52</b>	<b>12</b>
Presented	<b>20</b>	<b>21</b>	
Resource Persons	<b>7</b>	<b>8</b>	<b>11</b>

*\*Annexure II- Faculty attended conferences and symposia*

*\*Annexure III– Faculty Presented Papers*

*\* Annexure IV – Faculty as Resource Persons*

## 2.6 Innovative processes adopted by the institution in Teaching and Learning:

**Formal class room teaching (lecture method) is the one used in our institution. In addition to formal class room instruction, teachers guide their students with study materials and demonstration to impart learning; both theory and practical of subjects taught in class. Every batch of students is allotted a specific class teacher so that individual care can be given to all the students. Seminars, assignments, weekly test papers etc are done systematically. OHP, LCD projectors, models etc are used by the teachers as aids of teaching. Classes are taken by the help of power point slides using LCD projector for better assimilation of complex ideas. We provide UGC-CSIR NET and SET coaching for our students along with remedial classes. The brighter students of various batches aid their teachers in providing remedial classes to weaker students from the school of sciences.**

**We have adopted ICT based Teaching and Learning design in our departments. We have computer labs for various departments. High speed Internet connection is also made available for the students. The Degree and Post graduate students of the department of chemistry are provided free access to a plethora of software such as Chems sketch, Chem Draw, GAMESS, etc.**

**Department of Zoology aims at the all-round development of the students. To impart proper learning experience, the department adopts several practices. Classroom teaching is aided by LCD projectors to provide the much needed visual experience to understand various biological resources, systems and processes. The practical classes are also conducted in this manner to minimise the use of lab animals. In addition, teaching aids such as charts, specimens and power point presentations are used to make the classroom learning an interesting experience. Peer learning is also promoted by dividing students of each class into groups of 8-10 and discussions, debates and presentations are held. The students' noticeboard of the department also helps them to educate fellow students by sharing their knowledge and recent developments in Biology. Department also offers a number of field trips and nature camps to enhance their knowledge and to inculcate love for nature. This year we had Dr. K G Padmakumar, retired director of Regional Agricultural Research station Kumarakom and an eminent researcher to conduct an invited lecture on wetland ecosystems. Apart from classroom learning students are also given hands on training on sampling methods, vermicomposting, aquarium management etc. Students are also encouraged to do biodiversity studies in and around the campus. For**

**Animal diversity studies assignments were given to collect interesting facts about different groups of animals and discussions were held which evoked much enthusiasm among students and enriched them with knowledge beyond textbooks. Weak students are identified on the basis of regular evaluation and remedial coaching is provided to them.**

**In Statistic Department PG classes are handled with multimedia support; also provide study materials for students. Self-assessment for students on their presentations and seminars are also done**

**The Economics department employs various innovative teaching- learning methods such as interactive method, group discussions, peer teaching, assignments, seminars and projects. I.C.T teaching and learning facility is provided to our students. Seminars and lectures by eminent persons in the field are organized by the department every year to enlighten the students on various issues. Remedial coaching is given to the weak students of the department.**

**The English Department has introduced Computer Assisted Language Learning especially for Phonetics section. Different movies were displayed which is part of their curriculum. Organized Remedial Classes to help the students in need of special care.**

**MSW department has Observation visits; Certificate courses for counselling, PRA and learning disability .Attending various national and international seminars, observing National & International days. Remedial coaching, surprise test, classes taken by resource person, certificate courses are provided.**

**Both aided and self-financing psychology department, modern techno pedagogical skills are applied in teaching and learning practices. Students are given assignments to present research papers on psychosocial aspects from the current social scenario. Students are given opportunity to learn counselling and psychotherapy skills in social settings such as schools, special schools, geriatric care centers, de-addiction centers, etc. Alumni members who are professionals in various psychology fields used to come to the department to interact with the students and take classes for them. Online TED talks are presented in the classroom. Participatory learning is practiced. Providing opportunities for students to take classes on different social issues of the society. Remedial coaching is given to under achievers. Paper presentations and attending seminars/conferences are**

encouraged. Remedial teaching is practiced. Regular feedback taken from students to improve teaching and learning methods. The counselling was provided to help each student to solve their personal issues and to monitor their progress in academics.

In Botany Department ICT-enabled teaching-learning process has made students —active participants in the classroom. Apart from classroom interaction, the following methods are used. The students are categorized as advanced learners, slow learners based on their performance in the common entrance test. Slow learners are given remedial coaching classes whereas advanced learners are given special enrichment classes. Students have to submit their seminar papers and assignments to the concerned teachers using email (either teacher-id or department-id). They have to present their seminar by power point presentation. Meaningful learning is initiated through guided teaching and guided library assignments, group discussion, seminars, debates, quiz, viva, etc. Students have to exhibit a plant in botanical terms listing their uses and medicinal values every week. Peer learning is promoted within and outside the class hours. Students are categorized into different groups and each group are to present a science related program weekly.

**B.voc Department Conducts induction Programme for motivation and skill development**

In Chemistry Department Various online study materials are distributed among the students to enhance the subject knowledge and interactive sessions are carried out on specified topics. Department of Chemistry encourages ICT based Teaching and Learning design along with traditional system. We have a computer lab as a part of our department. Internet connection is also made available to the students. The Degree and Post graduate students make use of the computer lab for their assignments and dissertation works. In addition to formal class room instruction, teachers take initiative to guide the students with Study materials and demonstration to impart learning both theory and practical's of Chemistry. Every batch of students is allotted a specific class teacher so that individual care can be given to all the students. Seminars, assignments, weekly test papers etc. are done systematically. OHP, LCD projectors, models etc. are used by the teachers as aids of teaching. Classes are taken by the help of power point slides using LCD projector for better conveying of ideas. We are promoting UGC-CSIR NET and SET coaching, and The weaker students of various batches are given remedial classes.

The teaching learning process in Commerce Department is based on ICT. The department uses advanced technology such as ICT in teaching in addition to traditional

Style of teaching at both UG and PG levels. The class-rooms have been upgraded. The students can make use of the Departmental library well stocked with more than 500 books. The department has a well-equipped computer lab. Internet facilities are provided in each computer. Printing and scanning facilities are also available through network. The computer lab is equipped with uninterrupted power backup. The teaching is imparted through ICT enabled techniques for knowledge dissemination and knowledge generation. In addition, the computer centre of the college is also available for the students to accessing internet, do their practice and prepare their projects. The faculty also uses innovative teaching/ learning process through seminars/ projects/ field study.

In History Department the teaching learning process is implemented through Projects and Seminars, Discussion Methods ,Interactive Session, Correlation of the subject with real life situations, Power Point Presentation related to study materials, Flash Card System (short note on important topic),Connect stories with the topics, Remedial Coaching to the poor students, Identify the areas of excellence and provides activities accordingly, Student friendly classes, Motivate them by historical site visiting. Report writing and group discussion on the visited places, monument etc.

Teaching learning and evaluation in Mathematics Department is done through proper planning and through the dedicated efforts of each member for its proper implementation. The department is very particular in making the learning process more students-centric. Though we follow lecture method it is supplemented by notes charts models etc. A lot of effort is taken by the teachers for conducting regular internal Assignments Bridge courses are arranged by the department to fill the gap between the current knowledge level of the students and their prescribed syllabus and monitoring their progress. The teachers are using projectors and slides to take classes in order to help the students understand topics easier. Some creative movies regarding the topics are also shown. Weak students are encouraged to associate with bright students to uplift them to the main stream. Bright students are encouraged to do seminars on topics beyond the scope of the syllabus. Evening classes and extra classes on holidays are arranged to get more time for the extensive discussion of each topic.

Physics Department conducts Internet assisted classes for the students with the help of smart board, Student seminars with the help of power point. Research oriented projects for both PG and UG students

2.7 Total No. of actual teaching days  
During this academic year

182

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, and Online Multiple Choice Questions)

**Evaluation is an integral part of biological pedagogy and is regularly done along with classroom sessions as oral and written evaluation.**

**At the end of each session the Zoology Department students are asked to share the concepts they learned either in writing or orally. Regular class tests are also conducted to assess the students and to obtain feedback on the scope of improvement of teaching and learning. We have also adopted open book examination, peer evaluation and question bank facility. Question banks of all papers are made available to the students and answer keys are discussed. Faculty feedback is also obtained at the end of each module and necessary improvements are done.**

**In Economics Department internal examinations are conducted regularly to continuously assess the performance of the students and the results are communicated in time to the students. An open house programme is conducted every semester to discuss the performance of the students with their parents. Remedial coaching is given to the weak students of the department.**

**English Department has begun continuous evaluation for internal assessment. The students were encouraged to take photocopies of previous year question papers and prepare for the university exams. They have been given multiple choice questions to make them familiar with SET, NET and other competitive exams.**

**In MSW they perform Double Valuation. Application level questions were incorporated in the internal exams. Retest for failed students are provided. Previous University question papers are discussed in the class rooms.**

**In aided and self-financing Department of psychology, Class tests and internal exams are conducted regularly in every month. Final year degree students are given chance for open book examination. Bar coding is used for university examination. Continuous evaluation is carried out throughout the semester through assignments, projects, presentations, viva etc. Double valuation of the exam papers is done for PG exams. Semester system with Continuous Internal Assessment is followed in Department of**

**Botany.** The Head of Department monitor the performance of the students by making an analysis after every internal test and external examination. The teachers make an analysis of the performance of students after every internal test and external examination in departmental meetings.

**In Chemistry Department** Performances are assessed by Continuous Evaluation Process as per curriculum guidelines. Unit tests are conducted on completion of every module of syllabus. At the end of every semester, two internal examinations are conducted. The students are required to take seminars related to their subject area. The weaker ones are given extra attention and their performances are discussed with the parents individually through open evaluation system. PTA meetings of each class were organized by class teachers once in an academic year. Each student is given personal attention by the respective class teachers to improve their academic excellence.

Daily test papers were conducted for final year B.Sc. students of Mathematics Department and weekly test papers were conducted for P.G. students. Terminal examinations were conducted separately for each class. After each terminal examination the progress of each student was evaluated in the presence of their parents (open house evaluation). A lot of effort was taken by the teachers for conducting regular internal assignments and monitoring their progress. The class teacher identifies the slow-learners of each class and remedial coaching class was arranged for them with special focus on SC/ST.

**In Physics Department** Open book exams are conducted to assess the understanding of students in various topics. Application level assignments are given to students where they have to apply their theoretical knowledge to create practical applications. All the faculty members actively participate in conducting the university level theory and practical exams.

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development  
As member of Board of Study/Faculty/Curriculum Development workshop

28		
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**\*Annexure V Faculty Involved in Curriculum Restructuring**

2.10 Average percentage of attendance of students

84 %
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2.11 Course/Programme wise distribution of pass percentage:

TITLE OF THE PROGRAMME	TOTAL NO. OF STUDENTS APPEARED	DIVISION				
		DISTINCTI ON %	A %	B %	C %	PASS %
B.Sc. Maths M.Sc. Maths	42					69.04
B.Sc. Physics M.Sc. Physics	33 12					56.4 90
B.Sc. Chemistry M.Sc. Chemistry	30 14					76 57.2
B.Sc. Botany M.Sc. Botany	31 15					75 Result Waiting
B.Sc. Zoology	29					41.9
B.Sc. Computer Application M.Sc. Statistics (Applied)	15  9					40  89
B.Sc. EEM	5					80
B.Sc. Psychology	35					88.57
B.A English M A English	36 12					83 Waiting
B.A Economics M.A Economics	36 15					50 Result Waiting
B.A History	14					50
B.Com M.Com	48 16					87.5 62.5
B.Voc	23					91
M.SW	28					96



B.Com Computer Application	<b>45</b>					<b>55.6</b>
B.com Finance and Taxation	<b>37</b>					<b>67.5</b>

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

**IQAC supervises the teaching learning environment in the College and take measures to improve the same. IQAC plans and monitors the Academic Calendar of the College. Give recommendations to enhance the infrastructure facilities. Promotes teachers to avail on-line teaching resources. Facilitates the teachers to undertake Minor and Major research projects and to publish papers and to pursue PhD. IQAC ensures that portions and academic work are completed within stipulated time limits and evaluates semester wise periodic performance report of Departments and suggests measures for improvements**

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	<b>12</b>
UGC – Faculty Improvement Programme	<b>3</b>
HRD programmes	
Orientation programmes	<b>1</b>
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	<b>5</b>
Summer / Winter schools, Workshops, etc.	<b>4</b>
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	<b>12</b>	<b>04</b>		<b>-</b>

Technical Staff	14	-	-	-
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### Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

**The objective of the College is to become a centre of excellence in the field of higher education. This cannot be accomplished without promoting research to the maximum extent in various disciplines At present three of our departments (Physics, Chemistry & Economics) are recognized as research centres by the MG University. Sixty percentage of the teaching faculty possesses research degrees. Also more than ten of them are approved research guides. We are conducting seminars, workshops. Symposia etc. on a regular basis which give our student community an opportunity to meet researchers, academicians and other stake holders exchanging their ideas and information.**

**The Institution constituted a Research Committee headed by the Principal to promote research activities in the College. The committee helps and encourages the faculty members to undertake research projects and support new faculty members to apply for fresh research projects with an objective to have maximum number of research projects from each Department. IQAC informs research related information provided by Government and other agencies to the faculty through its public display system. For the smooth progress and implementation of research projects IQAC has taken the following measures:**

**The funds are released immediately as and when it is received from the respective funding agencies**

**The researchers can make use of the infrastructure and resources especially lab Facility, technology and information resources available in the institution**

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1			
Outlay in Rs. Lakhs	23lakhs			

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	3		

Outlay in Rs. Lakhs	<b>9.25lakhs</b>	<b>4.75lakhs</b>		
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### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	<b>11</b>	<b>16</b>	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

### \* *Annexure VI – Details of Research Publications*

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books   
 ii) Without ISBN No.

### \* *Annexure VII – Details of Books Published*

#### 3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
 DPE  DBT Scheme/funds

3.9 For colleges Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE  Any Other (specify)

#### 3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	2	9	1		
Sponsoring agencies	College & IQAC	college	self		

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
23	4	1	2	6	1	9

3.18 No. of faculty from the Institution   
Who are Ph. D. Guides  
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level

National level  International level

3.22 No. Of students participated in NCC events:

University level  State level

National level  International level

3.23 No. of Awards won in NSS:

University level  State level

National level  International level

3.24 No. of Awards won in NCC:

University level  State level

National level  International level

3.25 No. of Extension activities organized?

University forum  College forum

NCC  NSS  Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

**The English Department organized a talent search Programme titled LETS to showcase the language skills and talents of school students. We conduct the extension activity “Hello English” to give training in language to the students of the upper primary school in the neighbourhood. The language skills in listening, reading speaking and writing are improved through this activity. The students also took part actively in the social service programmes held by NSS & NCC of the College such as blood donation and Campus Cleaning Programme.**

**In Electronics Department Students participated in anti-drug campaigns conducted by the institute**

**Department of MSW in association with KEDAS conducts a large no. of Programmes. AWAKE the cultural fest is organized exclusively for the Intellectually Challenged Children all over Kerala. The word AWAKE literally means “to wake someone up or to make someone remember something.” KEDAS really makes an earnest attempt to**

wake up the conscience of the world towards the physically and mentally challenged children, who are not accepted by society as equals. KEDAS conduct a variety of cultural competitions for the intellectually challenged children in this year.

KEDAS society organized programmes for old age in association with SMILE India (Pakalveedu) on 11<sup>th</sup> December 2015. Smile India is a charitable society. The word SMILE when elaborated reads as serve more intensely and love till the end. The society set up day care centers to address the problem of the aged and the name of the center is Pakalveedu. Smile India Pakalveedu has setup a Christmas Programme in association with CSI women fellow ship and K E College Mannanam. The Programme was conducted at Bishop Jacob Memorial hall Kottayam. Social work students were the volunteers in the Programme .After that Student Social Workers (SSW) Conducted many cultural programmes for the old age people. The activities gave more pleasure to them. KEDAS conducted an awareness class on blood stem cell donation in association with Dhathri foundation on 3/02/2017. Coordinators collected the list of students who were willing to donate their stem cells.

KEDAS conducted a motivation class on 8/02/2017 for the elderly women in YWCA Kottayam. The topic of the class was positive thinking. We also arranged different games and therapy sessions in between the class. The elderly women are actively participated on the interactions and game sessions and they reflected that they were able to ventilate their problems freely. Students organized a Cancer awareness Programme on 14/07/16 in Christhu jyothe college Chethipuzha in association with Deepika Newspaper, Melam Foundation and Sargakshetra Changanassery. The sessions were handled by Dr.VP Gangadharan. The major discussions on the class were early detection, prevention, and treatment of Cancer. As a part of Social work week celebration KEDAS was organized an exhibition based on the theme environment protection on 20/03/2017 .Various articles and newspaper cuttings were shown in the exhibition. The exhibition was very informative for the students. Students participated in a three day camp in Periyar tiger reserve centre Camp gave lot of exposure about nature and forest. Two days' workshop (20,21 February 2017) on life skills at K.E College. The class was conducted by Mr. Motty Thomas. 49 students participated in the workshop. He conducted group activities and games. The classes were very effective for the students. KEDAS conducted PRA training Programme on 23-25 March in Athirampuzha Grama Panchayath for the trainee social workers. After the training Programme students applied the PRA techniques in 5 wards of Athirampuzha

Panchayath and submitted the report to the Panchayath. Two days' workshop (27th and 28th march 2017) on project proposal writing at Christopher hall. The class was conducted by Mr Sasikumar who is a good trainer in the field of project proposal writing. The class was very helpful for the students to improve their skills in project proposal writing. Women's day was celebrated on 08/03/2017. Poster designing competition and article writing competition was conducted as a part of Women's day celebration. An exhibition was conducted about the theme of women empowerment. Associated with Akshara Nagari Souhrida Kottayam and participated with them in their women's day celebration. Students celebrated in association with social forestry department. 2000 trees were distributed in Athirampuzha Panchayath and our college. Students conducted a National Seminar on the topic Human right perspective of Gender Issues. Students from various colleges were participated in the seminar. Students of Department of Social work organized an open defecation free campaign on 11/08/2016 in association with Suchithwa mission Programme of Kerala government.

The Botany Department conducted a one day hands on training camp on Meliponi culture on 18<sup>th</sup> February 2017. Dr. Sajan Jose, Director, Regal Bees Garden, Kanjar, Idukki, was the speaker of the day. The Programme was attended by bee keepers and farmers interested in honey bee rearing. Students in groups took initiative in creating awareness on the usage of common medicinal plants in the households of Mannanam and nearby localities. Botany association organized a One-day botanical Exhibition CHIASMA 2017, The event focused on Medicinal plants, Indoor Garden, Antique collections, Cactus and Bonsais, Khadhi Products, Fruits and Vegetables, Tapioca, Jackfruit and Banana items, Mushrooms, Decorative Arts and Pulses. The Exhibition was open to the students of nearby Schools and Colleges.

In Department of Chemistry Students are actively participating in the NSS activities such as planting trees and thereby creating a green environment in the campus. As an extension of Career Oriented (Add-on) Course, 'Analytical Techniques in Water Analysis', well water samples of nearby areas have been analyzed. The residents of nearby areas take advantage of this facility. Environmental awareness programmes are ongoing.

Department of History has linkages with *Sahruthaya School* for Mentally Challenged at Villonni, Kottayam and our students visited there and extend a social support to them. History Department also has linkages with AmmaVedu at Thellakam Kottayam and take tuitions to the students and inmates there.

**MSc. Botany Conducts visit to Research stations such as Sugarcane Breeding Institute, Coimbatore, Rubber Research Institute, Kottayam, Tropical Botanical Garden and Research Institute, Palode. Department also conducted visit to natural ecosystem like Eravikulam National Park, Malabar Botanical Garden Calicut, Chinnar Wildlife Sanctuary, Coastal regions of Calicut and Kollam**

**The Department of Psychology ensures the transmission of values, attitudes and beliefs that will encourage students to be sensitive to social issues and become responsible citizens. It encourages students to reach out to the community through Service Learning and experiential learning. Department has also initiated intervention programmes in rural areas. Nava Jeevan Arpookara for the destitute and mentally sick, Maria Sadan Pala , Rehabilitation centre for the mentally sick, Special School Villoonni, Old age homes Athirampuzha and Villoonni etc. are the centres visited by our students and rendered services. Village counselling Programme-Grama Manas. Final year degree students engaged in school and geriatric counselling service from November, 2016 to February 2017. They visited different schools and old age homes in and around Kottayam twice in a week and given counselling for school students and aged. Life skills development Training programme for school students. Tribal village exposure and social service in Attapady by B.Sc. First year students.**

**Zoology department has actively taken part in a number of social initiatives. The major one was the cancer awareness programme conducted in the campus, CAP@CAMPUS. The whole college took cancer pledge and Zoology students staged a flash mob for spreading the awareness. An awareness seminar was also conducted. Mr Jose K Mani Member of Parliament delivered the chief guest's Address and Mr Santhosh Arackal, a leading social activist led the seminar. I year B.Sc. Zoology student Ashish Jose presented a power point presentation on cancer and its causes .The II B.Sc. students of zoology department took part in a nature awareness programme at Pambadum Shola National park.**

## **Criterion – IV**

### **4. Infrastructure and Learning Resources**

#### **4.1 Details of increase in infrastructure facilities:**

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	<b>7.5 Acre</b>	-		<b>7.5 Acre</b>



Class rooms	<b>81</b>	-		<b>81</b>
Laboratories	<b>21</b>	-		<b>21</b>
Seminar Halls	<b>02</b>	-		<b>02</b>
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

#### 4.2 Computerization of administration and library

**The administrative block of the college is fully computerized and the entire system from admissions onwards till the release of the transfer certificate of the student is now being done on the computer. The students find an easy process in paying their fee, documenting their certificate and even in managing the student election process conducted in the college.**

**The library is computerized with all the books neatly entered in the computerized catalogue. This enables ease of transmission of textbooks. Even the entry into the library is maintained by the card swiping system which ensures the security of the library complex.**

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	<b>5938</b>		<b>42</b>	<b>5658</b>	<b>5980</b>	
Reference Books	<b>46188</b>		<b>180</b>	<b>89610</b>	<b>46368</b>	
e-Books	<b>51000</b>				<b>51000</b>	
Journals	<b>37</b>				<b>37</b>	
e-Journals	<b>2100</b>				<b>2100</b>	
Digital Database						
CD & Video	<b>270</b>				<b>270</b>	

#### 4.4 Technology up gradation (overall)

	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centres</b>	<b>Computer Centres</b>	<b>Office</b>	<b>Departments</b>
Existing	<b>164</b>	<b>02</b>	<b>104</b>	<b>02</b>	<b>01</b>	<b>03</b>	<b>19</b>
Added	<b>8</b>	<b>-</b>	<b>56</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Total	172	02	160	02	01	03	19
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4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Every department has been provided with computers, LCD and internet system.
- Expansion of E-technology has enhanced the use of computers in curriculum development, teaching-learning, evaluation and research.
- Students are encouraged to make use of computers for Power Point Presentations of their seminars and projects.
- Broadband internet connectivity is given to all the departments.
- Internet browsing is available for teachers and students at the Internet Centre free of cost during the working hours of the library.

4.6 Amount spent on maintenance in lakhs:

i) ICT	2,20,000
ii) Campus Infrastructure and facilities	15,00,000
iii) Equipments	4,00,000
iv) Others	1,00,000
<b>Total:</b>	<b>22,20,000</b>

## Criterion – V

### 5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC coordinator was in charge of the Initiation ceremony of the fresher's of the college to the student support services of the college. A detailed explanation of each service and club was given at the outset of the academic year. The teachers in charge were enjoined to speak to the students personally in their classrooms about each service and to promote membership in the various activities of the college.

Every new activity conducted by these student support service was duly notified via bulletin board and Notices/ Announcement.

## 5.2 Efforts made by the institution for tracking the progression

**The effectiveness of teaching of every department is also done by means of result analysis on the publication of university results. A PTA meeting is conducted after every internal exam so as to keep the parent/guardian informed of the progress of the student.**

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
<b>1773</b>	<b>335</b>		-

(b) No. of students outside the state

**08**

(c) No. of international students

**02**

No	%
<b>939</b>	<b>48</b>

Men

No	%
<b>1169</b>	<b>52</b>

Women

Demand ratio

**3.7:1**

Dropout %

**0.5**

Last Year						This Year					
General	SC	ST	OB C	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
<b>1559</b>	<b>198</b>	<b>26</b>	<b>83</b>		<b>1866</b>	<b>1696</b>	<b>232</b>	<b>82</b>	<b>102</b>		<b>2108</b>

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

**The college offers a coaching programme for competitive exams in science. The Department of Chemistry is offering classes for NET/ SET/ GATE/CSIR examinations. The classes are being monitored by Ms Shilpa Elizabeth Joy and Dr Shyla George. The classes offer rigorous training in exercises and intensive coaching sessions.**

**Another significant programme conducted is the ASAP sessions coordinated by the Department of English. Mr Rony George is the coordinator and Ms Indu Peter is in charge of the classes. Students are selected from 1st Year students of the Degree batches and are meant for skill upgradation. One batch consists of 30 students and the programme follows 2 phases: 1) Foundation Module which is conducted in the college and 2) Skill module which is conducted off campus. There is also an internship of 1/2months after which there is also scope for placement of the trainees. The college has produced three batches so far.**

No. of students beneficiaries **160**

5.5 No. of students qualified in these examinations

NET **7** SET/SLET **1** GATE  CAT **1**  
IAS/IPS etc  State PSC  UPSC  Others **3**

5.6 Details of student counselling and career guidance

**The Career guidance cell of the college functioned under the guidance of Ms Rinu Jose, Dr. Jini Thomas, Mr Rony George, Mr Prajod Sunny and Ms Gincy Lukose. The career cell conducted an intensive training Programme on “Group Discussions and Interview Techniques” for the final year degree Students with the assistance of M G University on 27<sup>th</sup> January 2017. The resource person was Mr Gee Varghese K Mathews. The students gave a very positive feedback on the Programme. Prof. Rony George conducted several sessions to impart Group Discussions techniques and interview tips to final year students.**

**Mock test for Banking and Government Exams for final year degree students was held on 13 February 2017. Seminar on “Career Opportunities” was conducted on 20<sup>th</sup> February 2017. Mr Sarath, image creative education was the resource person. The career cell is also running a Photostat and DTP Centre. The College provides counseling services to the students needed. It aims at the integral development of the students. Every Wednesday a counselor will be available for the service of the students as well as parents if needed. This year about 170 students accessed this service. Follow up visits are also arranged for the students as per their requests. Counseling helps the students**

**To become aware of his/her personal problems or strengths or weakness**

**To enable them to make appropriate decisions for his or her betterment**

**To enable them to use their psychic energy creatively**

**To help in developing will-power.**

No. of students benefitted **170**

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
			8

***\*Annexure VIII Details of campus placement***

**5.8 Details of gender sensitization programmes**

**The Womens Forum of the college aims to create an atmosphere of gender equality among the students and all activities of the Forum are meant for students irrespective of their gender. Dr. J Prameela Devi, Member, Kerala State Women's Commission inaugurated the activities of 2016-17 on 23 -08- 2016. Among various other activities, the forum conducted a seminar on Cyber Awareness on 30-01-2016, considering the increasing atrocities against women in the cyber world. The program was co sponsored by the Department Students Services, M G University. Sri. A.U. SunilKumar, Dy. Supdt of Police, Vigilance and Anti-Corruption Bureau, Kottayam was the Recourse Person.**

**5.9 Students Activities**

**5.9.1 No. of students participated in Sports, Games and other events**

State/ University level  National level  International level

**No. of students participated in cultural events**

State/ University level  National level  International level

**5.9.2 No. of medals /awards won by students in Sports, Games and other events**

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

**5.10 Scholarships and Financial Support**

	Number of students	Amount
Financial support from institution		
Financial support from government		
Financial support from other sources		
Number of students who received International/ National recognitions		

**5.11 Student organised / initiatives**

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

## **Criterion – VI**

### **6. Governance, Leadership and Management**

6.1 State the Vision and Mission of the institution

**Vision:**

**To become a centre par excellence of learning, unique in experience, value based in approach, and committed in service, for enriching and fulfilling life.**

**Mission:**

**To facilitate comprehensive and integral development of individuals who effectively function as instruments of social changes imbued with righteousness and courage of conviction: Dare to dream and Strive to Achieve.**

6.2 Does the Institution has a management Information System

**The college has a well developed MIS supported by properly maintained database. The student details, including internal marks are available in the college office on the click of a mouse. Similarly, the library has full-fledged information system that provides the details of book issue and availability of books.**

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

**The various Departments of the college offers comprehensive, contemporary and multi-disciplinary curriculum structured to equip the students with the knowledge, skills and tools needed to make them competitive in a global economic environment. The departments follow an updated curriculum revised by the university. Inter-disciplinary programs such as open course make students aware of all related fields. Open course opted by the departments is relevant one intended to promote individual, community and national development. The Departments also organize invited lectures, subject based exhibitions, field trips etc. for curriculum enrichment.**

**The design and structure of UG and PG courses are decided by the Mahatma**

**Gandhi University through the “Board of Studies” and “Academic Council”. Department meetings are conducted to discuss the curriculum provided by the University. Suggestions arising from the discussion are conveyed to board of studies.**

### **6.3.2 Teaching and Learning**

**The department of economics has been following modern teaching methods for providing conceptual clarity to students. The department employs various teaching-learning methods such as interactive method, group discussions, assignments, seminars and projects. I.C.T teaching and learning facility is provided to our students. Seminars and lectures by eminent persons of the profession are organized by the department every year to enlighten the students on various issues. Students are encouraged to use computer systems and internet facilities available in the department for their academic as well as project related inquiries.**

**The English Department has introduced Computer Assisted Language Learning especially for Phonetics section. Different movies were displayed which is part of their curriculum and we organized Remedial Classes to help the students in need of special care.**

**Each batch of students under the Electronics Department is allotted a class teacher. Individual care is given to all students. Attendance of all students for each day is recorded and personally verified by their respective class teacher. Both weak and bright students are given special care. Remedial coaching is given to weak students. Bright students are encouraged to apply for various scholarships provided by various national and state level research organizations. Invited talks are conducted throughout the academic wherein students are able to interact with experts**

**Student of MSW attends various national and international seminars. Department Observe National &-International days, also give Remedial coaching, conducts surprise test. Various Certificate courses are provided. Department provide Supportive, Individual, Motivational counseling. Classes taken by resource person**

**In Botany department ICT-enabled teaching-learning process has made students —active participants in the classroom. Apart from classroom interaction, the following methods are used. The students are categorized as advanced learners, slow learners based on their performance in the common entrance test. Slow learners are given remedial coaching classes whereas advanced learners are given special enrichment classes. Students**

have to submit their seminar papers and assignments to the concerned teachers using email (either teacher-id or department-id). Students have to present their seminar by power point presentation. Students are categorized into different groups and each group is to present a science related Programme weekly. Meaningful learning is initiated through guided teaching and guided library assignments, group discussion, seminars, debates, quiz, viva, etc. Peer learning is promoted within and outside the class hours

Chemistry Department faculties are sent to orientation and refresher programmes to improve their quality of teaching and learning. ICT based Teaching and Learning strategies are adopted by the faculty members along with traditional mode of teaching. Students are given training to improve their basic computer skills like Microsoft office, internet etc. The Degree and Post graduate students make use of the computer lab for their practical, assignments and dissertation works. Seminars, assignments, weekly test papers etc. are done systematically. OHP, LCD projectors, models etc are used by the teachers as aids of teaching. Classes are taken with the help of power point slides using LCD projector for better understanding of ideas. The department initiated UGC-CSIR NET and SET coaching for MSc students and most of the students are keen to take advantage of the same. Remedial coaching is given for the weak students. The brighter students of various batches organize remedial classes to weaker students for Mathematics, Chemistry and Physics. Every batch of students are given individual care by their respective class teachers. Students are given training to develop their interpersonal skills as well. Students are encouraged to participate in extracurricular activities and they were sent to other colleges and institutions for various competitions and seminars.

Teaching and learning in Commerce Department is facilitated through Comprehensive, contemporary and multi-disciplinary curriculum structured to equip the students with the knowledge, skills and tools needed to make them competitive. Commerce Lab built with the objective of providing practical exposure to the students in addition to focusing on theoretical aspects.

In Physics Department individual care is given to all students. Attendance of all students for each day is recorded and personally verified by their respective class teacher. If a student is found to be absent continuously for more than two days, their parents are informed. Both weak and bright students are given special care. Remedial coaching is given to weak students. Bright students are encouraged to apply for various scholarships



provided by various national and state level research organizations. Invited talks are conducted throughout the academic year wherein students are able to interact with experts.

In Psychology Department there is a healthy interaction between students and faculty which goes beyond the classrooms. Papers/Subjects taught by faculty members as per their specialization. Remedial classes are held for the students requiring additional help. There is a Well-equipped library for both faculty and students. Regular feedbacks from students are taken to improve teaching and learning methods. Innovative methods are adopted for teaching and learning process. Students are learning beyond the curriculum.

For providing better learning experience to the students, Zoology Department use an array of teaching aids such as charts, models, museum specimens etc. In this academic year we have purchased new biological models and organised the existing charts for better use. Students are involved in arranging museum specimens too which made them more enthusiastic in understanding the basics of diversity and taxonomy. A Butterfly survey was conducted in the campus. Peer group learning was encouraged.

MSc Botany department gives Remedial coaching, improved lab facilities, combined theory and practical classes

History Department has Student friendly classes, Connect stories with the topics, Correlation of the subject with real life situations, Remedial Coaching to the poor students. There is various interactive Sessions and discussions. Power point presentation is done.

#### 6.3.3 Examination and Evaluation

The internal examinations are conducted in the Economics department to continuously assess the performance of the students and the results are communicated in time to the students. An open house programme is conducted every semester to discuss the performance of the students. Remedial coaching is given to the weak students of the department

English department has begun continuous evaluation for internal assessment. The students were encouraged to take photocopies of previous year question papers and prepare for the university exams. They have given multiple choice questions to make them familiar with SET, NET and other competitive exams.

Electronics Department Conducts Regular internal exams and viva are conducted to assess the knowledge and understanding of students. All university exams are conducted as per university guideline

**Application level questions are given for MSW Students. Regularity internal exams are conducted and corrections are done. Regular parent's meeting. Retest for Failures. Individual evaluation**

**The Head of Botany Department monitor the performance of the students by making an analysis after every internal test and external examination. The teachers make an analysis of the performance of students after every internal test and external examination in departmental meetings. Teachers in the department have served as external examiner for conducting various practical examinations. Teachers are also involved in Centralized Valuation Camps.**

**In Chemistry Department University guidelines are strictly followed for evaluating the students. Performances are assessed by Continuous Evaluation Process as per curriculum guidelines. Two internal examinations are done each semester and the results are published systematically. In addition to internal examinations, unit tests are also conducted on completion of every module of syllabus. The students are given assignments and seminars related to subject area and their performances are checked strictly. The weaker students are given extra attention and the performances are discussed with the parents individually through an open evaluation system. PTA meetings of each class were organized by class teachers once in every academic year which we are planning to conduct every semester from next academic year. Department of Chemistry implemented Open book Examination system for conducting the internal examinations for the M.Sc. Analytical Chemistry Students. Students are encouraged to bring problems and assignments related to subject area utilizing library and internet.**

**In Department of Commerce continuous Assessment will be made through two internal examinations held for each paper- two written test and a Programme of accepted innovative techniques such as seminars, project, assignment, power-point presentation, viva-voce etc. on dates fixed by the department. Two internal examinations were conducted both for degree and Post Graduate students. A Class teacher is assigned to each class and he will guide the student throughout the year. He will also arrange for Remedial coaching for weak students, special coaching to bright students and NET coaching. Students are also provided with soft skills training, GD and interview training etc.**

**History Department conducts exams once in a week. Photocopies of Question paper are distributed to students.**

**MSc Botany Conduct assessment test once in a week also conducting model theory and practical exam**

**In addition to End Semester University exams Physics Department conducts, regular internal exams and viva are conducted to assess the knowledge and understanding of students. All university exams are conducted as per university guidelines All the faculty members actively participate in conducting the university level theory and practical exams.**

**Psychology Department conduct continuous evaluation through different methods like internal assessment test, assignments, presentations, projects etc. The end semester examination question paper is set by M.G. University, Kottayam. The practical examination is conducted by external examiners appointed by M.G. University, Kottayam.**

**In Zoology Department evaluation is done at regular intervals in the form of class tests to assess the students and to obtain feedback on the scope of improvement of teaching and learning. Remedial coaching is provided to those required. We have also adopted open book examination and peer evaluation. Question banks of all papers are made available to the students and discussions are held. Faculty feedback is also obtained at the end of each module and necessary improvements are done**

#### **6.3.4 Research and Development**

**The Economics department is recognized as a ‘Research Centre’ by the M.G. University. Dr. Cyriac Joseph and Dr. A Jose are approved research guides of Mahatma Gandhi University.9 research scholars are actively pursuing research in the department. Our faculty members have undertaken many Minor Research Projects. Dr. Cyriac Joseph is the chief editor of the interdisciplinary journal “New Numbers and Letters” published by K.E College.**

**The faculty of English department Dr. Sujarani Mathew is a recognized guide of M. G. University and 8 research scholars are currently working under her guidance. Teachers of English department are actively involved in presenting papers in seminars and inter - national conferences. They guide and support the final year students to complete their project.**

**In MSW Mini researches were conducted by the students in second semester and it will be very helpful for the enhancement of knowledge among students about research works. Students participated in various research based trainings.**

**One of the faculties of Botany Department is actively engaged in research. Other teachers are planning to apply for major and minor projects**

The Research Department of Chemistry has sufficient infrastructure to carry out quality research. Our lab is equipped with various instruments like IR spectrometer, UV-visible spectrometer, high temperature furnace, spectro fluometer, solar simulator etc. Two of our faculty members, Dr. Jollyamma Mathew and Dr. Jesty Thomas are research guides, under MG University. We have finished two major and three minor projects funded by UGC and DST and one minor project is ongoing which is funded by KSCSTE. Two research students have completed their research work and are preparing to submit their PhD thesis. Admission for the new research students are under consideration. Our faculty members have presented several papers in various international and national conferences and seminars and published several research papers in different international and national journals. Also, we are promoting the research attitude among our PG and UG students by giving awareness and guidance. M Sc students are sent for training at various Laboratories and institutions.

Dr. Rosamma Mathew of History Department has got the Best paper award in an International Seminar this year. During this year all faculty members presented research papers. Two faculty members are doing Ph. D. Teachers are guiding degree students for their project works.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

The college is equipped to conduct the teaching of the students in this area with ample infrastructure, campus layout and instrumental capacity. The computerization of the college is complete with the administrative cabins, library and language lab being fully computerized. The laboratories of the science departments are doing commendable work with many projects being conducted by the students and the faculty of the various departments.

The Infrastructure of the college is constantly being upgraded. A research block is being constructed for the promotion of scientific work in the college. A separate block for self financing streams has been built and it is being currently extended. The number of students in the college is gradually increasing with the addition of courses and programmes under regular and self financing mode.

The college also promotes quality teaching by ensuring the availability of ICT in teaching, access to INFLIBNET, Open Access Journal, eBooks etc. Various Add on courses and certificate courses are offered also offered by various departments.

### 6.3.6 Human Resource Management

The faculty members of the Economics department serve as convenors/coordinators of various clubs and fora functioning in the college.

In Electronics Department Career orientation classes are conducted for U.G students. Care is taken to ensure that students are recruited by various firms through campus placements.

In MSW Plan of 6 month will be decided in the beginning of the year. Regular staff meeting is organized. Discussions about the proper implementation of the semester plan in staff meeting. Each programme will have a faculty coordinator and two student coordinator. And these coordinators delegate the responsibilities of that programme for each student.

Students of Botany Department are timely informed about the various competitive examinations and job opportunities in the field of life science. Proper guidance and training are given to the students for the same. Association-activities help in inculcating leadership qualities in students, and also promote their extracurricular talents.

The Research Department of Chemistry is having seven permanent faculty members and two guest lectures. Department work load is equally distributed among the Faculty members by the Head of the Department as per UGC norms. New nonteaching appointees of our UG and PG lab are given proper training for the smooth functioning of practical's. Effective management of our resources is done to minimize free hours due to absence of faculty members if any. We are promoting UGC-CSIR NET and SET coaching, and remedial coaching for our students, by utilizing the available resources. Our faculty members participate in academic seminars, workshops, conferences, syllabus revision etc to improve the quality of our education system. One of our faculty members was sent for "FLAIR"-a quality improvement Programme, initiated by Kerala Government last year.

In Physics Department Career orientation classes are conducted for both P.G and UG students throughout the academic year. Students are encouraged to apply for summer projects available at various national research institutes. NET/SET/GATE coaching is conducted for PG students after their regular college hours. Care is taken to ensure that students are recruited by various firms through campus placements.

The Zoology Association in our department is giving ample opportunities for the students to improve their leadership qualities as well as management skills. The Association is headed by a secretary and joint secretary as elected representatives and an executive committee consisting of nominated students from I, II & III year degree classes.

Under the auspices of the Association various competitions are held to nurture the skills and talents of our students. Students are also encouraged to participate in various interdepartmental and intercollegiate competitions. Students of Department of Zoology won second prize in carol song singing and third prize in live crib during Christmas celebrations in the campus. The Department stall secured second prize in the archive exhibition in connection with Kerala day celebrations organized by college union conducted at college on 1<sup>st</sup> November 2016. Students of Department of Zoology bagged many prizes in the College arts fest organized on 18<sup>th</sup> and 19<sup>th</sup> of January 2017. Reshma K. Baby and AnjanaBiju of II year BSc. Zoology won first position in Kathaprasangam and Aksharasloka respectively. Ashish Jose of I year BSc. Zoology secured first position in both Malayalam and English Elocution. Furthermore, the skit team of Zoology department positioned second place in college arts festival. Food stall of Zoology department won second prize in 'food fiesta', food festival competition organized by Women's forum of K.E College. Gopika Rajeev of II year BSc. Zoology won first prize in 'Just a minute' speech competition and Rachel Rose Raju and Tobin Tom of III year BSc. Zoology, won second prize in debate competition at the zoofest- Buceros, jointly organized by Zoological Society of Kerala and Department of Zoology, NSS Hindu College, Changanacherry on 28<sup>th</sup> July 2016. Rachel Rose Raju was selected as best debater. Ashish Jose of I year BSc. Zoology has participated in many competitions and received many prizes. He secured II prize in power point presentation competition organized by Kerala State Council for Science, Technology and Environment (KSCSTE) in connection with Ozone Day celebration at Cochin College, Ernakulam on 29<sup>th</sup> September 2016. He was the district level winner in 'Speak for India' Inter collegiate debate competition organized by Federal bank and Mathrubhumi, at St. Berchman's College, Changanacherry on 11<sup>th</sup> November 2016 and selected as one of the best debaters at the state level. He also won prizes in the All Kerala Inter Collegiate Debate competition held at St. Stephen's College, Uzhavoor on 3<sup>rd</sup> February 2017 and in the Literary Fests conducted by the Department of English at CMS College and BCM College. He secured 'A' grade in Malayalam and English Elocution competitions in the M.G University Arts Festival conducted at St. Thomas College, Kozhencherry on 21<sup>st</sup> and 23<sup>rd</sup> of February 2017.

The Department of Psychology is having three permanent faculty members and three guest lecturers. The regular staff meeting is organized. Discussions about the proper implementation of each semester plan is done at the staff meeting. The faculty members of

the Psychology department serve as coordinators of various forums/services functioning in the college. Students of Psychology Department are timely informed about the various entrance examinations and job opportunities. Faculty members and students participated and presented papers in academic seminars/workshops/ conferences. The faculty members also served as resource persons for academic programmes. Permanent faculty members of psychology department are part of UG syllabus revision committee of M.G. University.

#### 6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is done by the management in accordance with the government provisions.

#### 6.3.8 Industry Interaction / Collaboration

The Electronics Department students are given an opportunity to interact with industrial firms for on the job training. They are also doing their field work for the diploma course offered by the department in various industrial firms.

MSW has Collaborating with various government and non-governmental organizations such as Social forestry department, KECRO (Kerala State Child Rights Observatory), Kerala State Social Justice Department, Kerala State Women's commission, Child line Kottayam, Suchithwa mission project.

Botany Department has collaboration with college of pharmacy, medical college Kottayam. Department also has collaboration with the post graduate and research department of Botany, S H College, Thevara.

As the part of studies and projects students of Chemistry Department visited Ootty Tea factory. Department of History has Collaborations with St Joseph's Press Mannanam since 2000.

Physics Department students are given an opportunity to interact with industrial firms for on the job training. They are also doing their field work for the diploma course offered by the department in various industrial firms.

Psychology department has Industrial/Institutional/Hospital visits, lectures by subject experts are regularly conducted.

28 students from II year B.Sc. Zoology accompanied by a faculty member has attended a two day Nature Awareness Programme at Pambadum Shola National park organised by Kerala Forest Department on 6<sup>th</sup> and 7<sup>th</sup> of January 2017.

#### 6.3.9 Admission of Students



**Student admission is as per university guidelines. For the last 5 years, the University is following Centralised Allotment Process (CAP). Many students from different parts of Kerala prefer Kuriakose Elias College as first choice.**

#### 6.4 Welfare schemes for

<b>Teaching</b>	<b>Staff Cooperative Society</b>
<b>Non teaching</b>	<b>Staff Cooperative society</b>
<b>Students</b>	<b>1. Students Cooperative society 2. Vincent de paul society (Financial assistance to poor students)</b>

#### 6.5 Total corpus fund generated

**Staff cooperative society – Rs. 24,00,000**  
**Students cooperative society – Rs. 2,90,000**  
**Vincent de paul society – Rs. 1,30,000 (to help poor students)**

6.6 Whether annual financial audit has been done ☒ Yes ☐ No

6.7 Whether Academic and Administrative Audit (AAA) have been done?

<b>Audit Type</b>	<b>External</b>		<b>Internal</b>	
	<b>Yes/No</b>	<b>Agency</b>	<b>Yes/No</b>	<b>Authority</b>
Academic	-	-	Yes	IQAC
Administrative	-	-	Yes	Management

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☐ No ☒

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

**Centralised valuation camps are organised by the university to declare results at the earliest.**

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

6.11 Activities and support from the Alumni Association



**The college has turned out thousands of graduates into the wider arena of the society and many of them occupy very high positions in many reputed organizations in India and abroad. The Alumni association of the various departments is active and it enables the Departments to be in touch with the former students. The alumni register is maintained. Every department organises an annual reunion of its alumni. Also an annual reunion is arranged in connection with the send-off of faculty members.**

**In the Physics department, the Alumni Association sponsors at least one invited talk for the students every year. It also supports all major activities of the department and the college. Physics alumni association regularly meets on the first Sunday of May every year.**

**Alumni of Psychology Department-Psychology Alumni Association Mannanam (PAAM) gather together on the second Saturday in February every year. PAAM collaborated with the department in order to organize academic talks/seminars/workshops.**

**From Zoology department, the alumni sponsors an endowment of Rs.10,000 for college topper in B.Sc. Zoology Programme, which is one of the highest endowments awarded in the college.**

**Alumini of computer Application-Computer Alumni Association Mannanam-gathers together on second Saturday in January every year. The alumini sponsors an endowment of Rs.4000/- for college topper**

#### **6.12 Activities and support from the Parent – Teacher Association**

**The Parent-Teacher Association of the college functions very efficiently. Class PTA of all batches is done once in each semester. This helps us to get a better understanding of each students, their scope of improvement and special issues if any to be tackled. The PTA provides ample support to the various programmes organised by the college.**

**During the open house program conducted by each department at the end of each Semester, they assess the performance of students and department, and suggest measures for the quality improvement of both students and department. Weak students are given remedial teaching.**

#### **6.13 Development programmes for support staff**

**The administrative staffs of the college are doing commendable work in the efficient functioning of the college. The IQAC makes it a point to reinvigorate the skills of the staff**

in coordinating the activities of the institution. A one day orientation session was conducted for the administrative staff after the initiation of new staff into the grade in November.

A one day tour was also arranged for the non-teaching sections of the college which were actively joined in by the members.

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

**The English Department students took an active part in the Tree Plantation and Camus Cleaning Programme in the college.**

**Regular advice is given to the Electronics Department students by the faculty to be eco friendly. Encourage students to attend nature camp.**

**In MSW Environment day was organized and around 1000 trees were distributed to teachers and students. Also trees were planted in the campus. Clean Campus- Green Campus project implemented in K.E. College as a follow up of the Waste Management project. As a part of the project, two types of waste bins for degradable and non-degradable wastes are placed in the college and in the college premises.**

**Botany Department organized a poster designing contest and exhibition on the theme “Run your race to make the world a better place “in connection with World Environment Day on 10<sup>th</sup> June 2016. A talk By Dr. Punnen Kurian, Principal, St .Mary’s College, Manarcad on Nature conservation made this occasion more meaningful. In connection with Haritha Keralam Programme, a Kerala government initiative to make our surroundings clean the students and teachers jointly cleaned class rooms and college premises as part of this green effort. Green Classrooms – To make their study environment more pleasant students have started to grow indoor and ornamental plants in the classrooms of the Department.**

**B.voc Department promote plastic free campus .As part of the environment day celebration we planted trees**

**Department of Chemistry has adopted right measures to make the campus eco-friendly. We have a proper waste management system. We make sure the proper disposal of Lab wastes. We have opted ‘Environmental Chemistry’ as our open course, so that the students of arts and commerce also get opportunities for studying about environment, various environmental hazards and the need for making awareness about environmental protection.**

The Commerce Department has entrusted each batch of our degree students with the responsibility of cleaning the classrooms and the department off of any plastic waste. They also participate in campus cleaning twice a year. They also plant trees in and around the college teaming up with NSS.

MA English Students took initiatives to clean the library and campus. The Physics department offers an open course on the topic environmental pollution and various renewable energy sources. Encourage students to attend nature camps. An Encon Club is run by the department under the sponsorship of BPCL- Cochin Refineries. This club organizes quiz, essay and painting competitions regularly for college students on environment related topics. We also organizes talks on the environment related topics

Our Zoology department maintains a vermin composting unit in the college to convert biodegradable wastes into useful fertilizer. Students are actively involved in this venture. Students of our Department also maintain an aquarium. Under the guidance of faculty a butterfly survey was conducted by the students which helped to in still among the students, love for nature and a sense of responsibility for conserving biodiversity. The Department also observed World Moth Day on 23<sup>rd</sup> July 2016 by organizing a photography competition and photo exhibition, in order to spread awareness on the conservation of moths and other insects.

## **Criterion – VII**

### **7. Innovations and Best Practices**

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Responding to the changing needs of modern world the college and various departments have adopted various innovative practices which has improved teaching learning experience. Understanding the need for continuous change the college have made it compulsory to hold at least two continuous internal assessment tests, regular parent teacher interaction sessions, Mentoring sessions, remedial coaching programs, Seminars.

#### **Zoology**

Regular discussions are carried out in the department regarding improvement of curricular and co-curricular activity based performance of the students. For this once in a month all class teachers assess individual performance of the students of their class and

inform the rest of the faculty about this. Such a communication has helped to understand students better, their weaknesses and improvements. This has led to better guidance of the students in their personal and academic life.

### **Botany**

The meritorious achievements of our students were acknowledged and celebrated on 29<sup>th</sup> July 2016. Alphonsa K J, Ashwindas N, Chris Thomas, Rinumol Sunny, Ananthu T R and Binny John were honoured for securing highest marks in the university exams. The teachers of the department are always willing to lend their ears to student's academic problems and other grievances. More over each teacher in the department is assigned with an interaction hour with students each week to strengthen student teacher interaction.

### **Commerce**

We introduced peer teaching for degree students which helped in improving the pass percentage.

### **Physics**

ICT enabled teaching has resulted in better understanding of the subject by the students with help of live demonstrations and videos

### **Psychology**

Trainers training programme for Life Skills Development given to the undergraduate students helped them to grow in their skills. Some of our students acted as resource persons for certain skills training programme in schools. Monthly Assessments helped our students to progress in academic affairs. Regular departmental meetings helped the faculty to function effectively. All first year UG and PG students are given Orientation class which focuses on personality development, attitude and aptitude refinement, goal setting.

### **Chemistry**

Merit day celebrations made in the beginning of the academic year had a positive impact among students.

Frequent department meetings are organized to evaluate the department functioning and increase the efficiency.

Remedial coaching for weaker students by the brighter students of various batches.

Various association activities like quiz competition, onam, Christmas Celebrations etc created positive impact among students.

Performance appraisal of students before their parents.

Offering the service of a counsellor for the needy students.

Faculty outing during leisure time to create rapport among faculty members

### **English**

Introduced a bridge course to help slow learners. We organized Mahaswetha Devi Memorial Meeting.

### **MSW**

Conducts Nature Camp, Tribal Visit, Vertical Gardening, and Competitions inside campus.

We formed several clubs for strengthening the Activity club, G.K club, Article Review club, Quiz and debate club

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

The IQAC has done an unremitting work in the last academic year and has succeeded in attaining almost all the targets set for the year.

### **Economics**

Department organizes an Inter department essay competition in connection with world population day on July 11<sup>th</sup> 2016. On 17<sup>th</sup> August 2016 an orientation for first year students is done. Civil service coaching center inaugurated on 20<sup>th</sup> August 2016. Department organize Nature camp for second year students at Chinnar Wild Life Sanctuary from 30<sup>th</sup> September to 2<sup>nd</sup> October 2016. A National Seminar on “Issues in Contemporary Public Policy” were Conducted on 13<sup>th</sup> and 14<sup>th</sup> December 2016. Lecture talk on “Impact of demonetization on Indian Economy” by CA Anil P, Vice Chairman, Kottayam Branch of ICAI on 22<sup>nd</sup> December 2016. Study Tour for the final year students. Intercollegiate Economics Fest “ECKLAT-2017” on 2<sup>nd</sup> and 3<sup>rd</sup> February 2017. Budget Analysis by Dr. Tomy Mathew, Head of the department of Commerce, CMS College, Kottayam.

### **English**

The English Department has introduced Computer Assisted Language Learning especially for Phonetics section. Different movies were displayed which is part of their curriculum and we organized Remedial Classes to help the students in need of special care.

### **Botany**

Based on last year’s action plan, Botany association organized a two day International Seminar on “Crossing Frontiers in Bioengineering and Tissue Culture” on 10<sup>th</sup> and 13<sup>th</sup> February 2017.

The Department conducted a one day Extension programme on Meliponi culture on 18<sup>th</sup> February 2017. Dr. Sajan Jose, Director, Regal Bees Garden, Kanjar, Idukki, was the speaker of the day. The programme was attended by bee keepers and farmers interested in honey bee rearing.

Botany association organized a One-day botanical Exhibition CHIASMA 2017, The event focused on Medicinal plants, Indoor Garden, Antique collections, Cactus and Bonsais, Khadhi Products, Fruits and Vegetables, Tapioca, Jackfruit and Banana items, Mushrooms, Decorative Arts and Pulses. The Exhibition was open to the students of nearby Schools and Colleges.

### Chemistry

The Research and Post Graduate Department of Chemistry organized a two day National seminar titled “NEW FRONTIERS IN TEACHING CHEMISTRY-III” for Chemistry teachers and students at Post Graduate level from November 10-11, 2016. PTA meetings of each class were organized by class teachers to evaluate the students. The students of Chemistry Department made active participation in Arts festival organized by college union, Food fest organized by Women’s forum and various other activities of the college. Department of Chemistry started NET/SET/GATE Coaching for PG students by making use of the available resources. Indoor air purifying plants were potted in laboratory for absorbing volatile organics.

### History

Organized UGC sponsored Two Day National seminar on “Recent Trends in Archaeology with special reference to Kerala” jointly organized by the Department of Archaeology, Govt. of Kerala and Department of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017. Conducted a mega alumni meet on 7<sup>th</sup> January 2017. Visited the Providence Home (Home for destitute), Gandhinagar, Kottayam and Sahrudaya, School for Mentally Challenged at Villonni. Organized an exhibition on archaeological remains in association with the Department of Archaeology Govt. of Kerala on 20<sup>th</sup> and 21<sup>st</sup> February 2017.

### Physics

Encouraged students for applying scholarships. One of our degree student obtained prathibha scholarship and Kishore vaijnanik prasthan yojana by DST. Informed students

about the research opportunities and funding offered by various government institutes. SPVTIS project grant by KSCTE was obtained by an undergraduate student. One of the post graduate student of the department cleared SET conducted by the state of Maharashtra. Give career counselling to students. 8 of our B.Sc. students secured campus placements in various reputed institutions. Encouraged students to participate in various competitive exams as well as screening tests for national level research institutes.

#### **Psychology**

Counselling services to school/old age homes continue. Two Workshops have been conducted for Staff and student development.

#### **Zoology**

As planned in the beginning of the year a butterfly survey was successfully conducted in the campus. A photography competition named Mariposa was conducted on the occasion of World Moth DAY. This year we had Dr. K G Padmakumar, retired director of Regional Agricultural Research station Kumarakom and an eminent researcher to conduct an Invited lecture on wetland ecosystems. A database on higher studies and career options in biological field was created and is further being developed. Vermicomposting training is given to students.

#### **Commerce**

Department equipped there department library with more books.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

**The two best practices of various departments with regard to teaching learning and evaluation that deserves due mention are:**

#### **Economics**

Essay writing competition organized by the department as part of World Population Day  
All Kerala Intercollegiate Economics Quiz competition was organized by the department.

#### **English**

Preparation of an annual Manuscript Magazine to showcase the literary talents of the students.

Maintaining a well-equipped Department Library intended to increase the reading interest in students

#### **Electronics**

Anti-Drug Awareness classes are conducted by the faculty to the students

## **MSW**

### **AWAKE 2017**

**‘AWAKE’ the cultural fest is organized exclusively for the Intellectually Challenged Children all over Kerala. The word AWAKE literally means “to wake someone up or to make someone remember something. AWAKE is a cultural fest for intellectually challenged students to bring about their talents, and to reduce the rebuff of the society over them. AWAKE started in 2007 has successfully completed 8 episodes with the whole hearted participation of few special schools of Kerala. Coercion of request for an all Kerala fest from the part of special schools we are planning to conduct awake with great enthusiasm.**

### **NATIONAL SEMINAR**

**Department conducted National Seminar on Human Right perspective of Gender Issues. The programme was an effort to illustrate various Human Right Violations against the QUEER community and women. The resource Persons in the seminar was Mr Bijulal M.V, Mx Vijayarajamallika and Dr. Rekha Raj. Various issues faced by the QUEER community and Women were discussed on the seminar after that papers were presented by students and social work professionals.**

## **Psychology**

### **Day Three Association Hour**

**At the last hour on every third day the whole department comes together and students take turn to presents seminars on academic and related subjects of current importance. Debates, discussions, talks of invited speakers etc. are some of the programmes organized in the association hour.**

### **Academic sessions by Alumni**

**PAAM, the alumni association of the department plays an active role in promoting the curricular and co-curricular activities of the department. Many professionals and academicians who are alumni of the department visit the department and take classes for junior students. They always try to boost the self morale of the students and organize various programmes, workshops and seminars every year.**

## **Botany**



### **K E Karshakasree Award**

This award is instituted by the department faculty members for the staff in KE College. The award will be given to a teacher who has done great contributions to sustainable agriculture. This year, Prof. Tomichan Joseph, Head of the Department Of Commerce, KE College bagged the K E KARSHAKASREE AWARD

### **CHIASMA**

A one day Botanical exhibition which focuses on Medicinal plants, Indoor Garden, Antique collections, Cactus and Bonsais, Khadhi Products, Fruits and Vegetables, Tapioca, Jackfruit and Banana items, Mushrooms, Decorative Arts and Pulses. The Exhibition will be open to the students of nearby Schools and Colleges.

### **Chemistry**

Career guidance of students by orienting to various Laboratories and Firms.

Indoor air purifying plants were potted in laboratory for absorbing volatile organics.

### **Commerce**

The department conducts a budget analysis Programme for all the students which provide an opportunity for all the students to analyses various aspects of the financial budget announced by the finance minister every year.

Everyday Library hour to inculcate reading habits in students and to make them capable of winning in competitive examinations.

### **History**

Reading Newspaper in the classroom regularly. Students collected important news from various Medias and present it in the class room. It helps them to increase their knowledge.

Conduct debates on socially relevant topics on every week.

### **Mathematics**

Weekly quiz competitions were conducted for the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year students

Seminar presentations were done on different topics in Mathematics by each student of 3<sup>rd</sup> year B.Sc. classes

NET/SET/GATE coaching classes for P.G students are conducted regularly after college hours.

Anti-Drug Awareness classes are conducted by the faculty to the students

### **Statistics**

**Giving extra classes for the weak students of B.Sc. Mathematics, Psychology and M.Sc. Statistics.**

**Giving coaching for preparing statistics quiz competitions.**

### **Zoology**

**An orientation Programme was organized by the department for II and III year students of BSc. Zoology on 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> of July 2016. The Orientation Programme was intended to inculcate in the young minds the quality of self- reliance through awareness of the social, intellectual and moral environment as well as to discover self-potential and confidence.**

**A Student noticeboard is maintained in the department to educate fellow students by sharing their knowledge and recent developments in Biology**

## **7.4 Contribution to environmental awareness / protection**

### **Economics**

**The department organizes nature camps every year, to create environmental awareness among the students. 32 students of the II year degree class along with 2 faculty members participated in the nature camp conducted at Chinnar Wild Life Sanctuary from 30<sup>th</sup> September to 2<sup>nd</sup> October 2016.**

### **English**

**The students actively participated in the tree plantation Programme held on June 5<sup>th</sup> in connection with world environment day.**

### **MSW**

#### **Exhibition on Environment Protection**

**As a part of Social work week celebration KEDAS was organized an exhibition based on the theme environment protection on 20/03/2017 at department of social work. Various articles and newspaper cuttings were shown in the exhibition. The exhibition was very informative for the students.**

#### **Promotion of Environment Protection**

**As a part of environment Social work day celebration KEDA organized gardening Programme using waste plastic bottles on 20/03/2016. flowering plants were planted in the waste bottles and it was hanged on the veranda of MSW department. This Programme was aimed to reduce plastic waste through reusing.**

#### **Nature Camp at Periyar Wild Life Sanctuary**

Students participated in a three day camp in Periyar wild life sanctuary and they explored a lot about nature and forest.

### **Psychology**

The department organized Nature camp for the second year degree students from January 12 to January 14, 2017 at Choollannur Peacock Sanctuary, Peechi, Thrissur. We also promote plastic free campus. Students are encouraged to do flower gardening. A seminar on environmental psychology was presented in the association hour.

A seminar on eco psychology was presented in the association hour.

### **Botany**

Department organized a poster designing contest and exhibition on the theme “Run your race to make the world a better place “ in connection with World Environment Day on 10<sup>th</sup> June 2016. A talk By Dr.Punnen Kurian, Principal, St .Mary’s College, Manaurcaud on Nature conservation made this occasion more meaningful.

In connection with Botany Association inauguration, the 1st Years were gifted with tree saplings which were planted in college campus and nearby places afterwards

Green Classrooms – To make their study environment more pleasant students have started to grow indoor and ornamental plants in the classrooms of the Department

### **B.voc**

We conducted Nature camp at Peppara Wild Life Sanctuary for 3days. It was a wonderful experience for know more about nature and wild life.

### **Chemistry**

Department of Chemistry has adopted right measures to give environmental awareness among students by giving study classes. We have a Career Oriented ‘Add on course’ for students titled “Analytical Techniques in Water Analysis”, which creates basic awareness of our surroundings among them. We have opted ‘Environmental Chemistry’ as our open course, so that the students of other departments get opportunities to understand

environment, various environmental hazards and the need to take right measures to protect our environment.

### **History**

Faculties and students conducted awareness programmes for the protection of environment.

### **Physics**

Regular advice is given to the students by the faculty to be eco-friendly. The department offers an open course on the topic environmental pollution and various renewable energy sources. Encourages students to attend nature camps

An Encon Club is run by the department under the sponsorship of BPCL- Cochin Refineries. This club organizes quiz, essay and painting competitions regularly for college students on environment related topics.

### Zoology

Our department maintains a vermicomposting unit in the college to convert biodegradable wastes into useful fertilizer. A photography competition and photo exhibition on 'Moths' was conducted on the occasion of World Moth Day on 23<sup>rd</sup> July 2016 in order to spread awareness on the conservation of biodiversity. The butterfly survey conducted by the department also helped to instil the love for nature and fellow creatures among the students. Ashish Jose of I year BSc. Zoology has secured II prize in power point presentation competition organized by Kerala State Council for Science, Technology and Environment (KSCSTE) in connection with Ozone Day celebration at Cochin College, Ernakulam on 29<sup>th</sup> September 2016.

7.5 Whether environmental audit was conducted?

Yes

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

**The college is situated in rural area and most of the students are from economically backward families. Moreover, their academic background is not so bright and hence extra effort is required from the part of faculty to bring them to the main stream.**

8. Plans of institution for next year

**The action plan of various departments for the academic year 2016-17**

### Economic

**Orientation Programme for the first year degree students in August 2017.**

**An essay writing competition as part of World Population Day on July 2017.**

**Nature Camp for second year degree students on September 2017.**

**Study tour for final year students on December 2017.**

**National Seminar in January 2018.**

**Apart from the above, The department of Economics is celebrating golden jubilee year. The following programmes are planned in this connection:**

**A fullfledged survey of farmers in Athirampuzha Panchayath to know the best agricultural practices followed in the cultivation of major staple crops.**

**Lecture series by eminent persons.**

### **English**

**The department intends to conduct an “Invited Lecture Series” as part of the Golden Jubilee Celebration. Decides to guide and support fast learners to achieve higher grades which enable them to have a better career. Allocation of a library hour for all the three batches wherein the extensive reading of students will be promoted. The department decides to conduct a National Seminar this year.**

### **Electronics**

**Planned to take special care for weak students.**

**Planned to conduct an exhibition during this year.**

**Will conduct regular seminars for students & teachers.**

**Planned to conduct an industry visit Programme for our students**

### **MSW**

**To conduct life skill training programmes by our students in school settings.**

**To conduct programmes related to youth.**

**To conduct an organ donation camp.**

**To strengthen the programmes of swan.**

**To conduct awareness classes for various communities**

**To provide certification courses on counseling for students.**

**To conduct study tour with observation visits.**

**To arrange organizational visits.**

**To observe special days by various activities and programmes.**

**To conduct ‘National and state level Seminar’**

**To participate in intercollegiate programs including National & International Seminars and other cultural programs.**

**To collaborate with SMILE India and conduct various programmes.**

**To enhance the participation of parents in the department activities and student's welfare.**

**To attend various social work related activities and programmes conducted by various organizations.**

### **Psychology**

**Mega event Celebration of Silver Jubilee year**

**To organize a National Level Psychology Exhibition in the month of August 2017**

**To organize a National Level Quiz Programme in the month of October 2017**

**To organize an Inter National Psychotherapy Workshop in the month of February**

**To organize a National Level Seminar in the month of January 2018**

**To begin Certificate course in Counseling Psychology**

**To organize Silver Jubilee Lecture Series**

**To organize campaign against drug addiction**

**Extend school counseling Programme to more schools**

**To organize a magnificent jubilee concluding celebration**

**To organize a Psychology Film Festival**

**To arrange rural and Tribal exposure Programme for degree students**

### **Botany**

**To celebrate the golden jubilee of the department in great valor**

**To conduct a grand alumni meet**

**To conduct a training program on vermicomposting and bio fertiliser production at small scale.**

**To organize a National seminar on Algae -For a Greener future**

**Arrange a Seminar on Melliponi culture**

### **B.voc**

**Decided to conduct spoken English Classes for students**

**Decided to Conduct Seminar in the field of Retail and Marketing**

**To buy Text Books for the Department for reference**

**Decided to conduct Group discussion for every once in a week**

### **Chemistry**

**To organize various programmes like lecture series, skill acquisition programmes, motivation classes to students by retired faculties in connection with golden jubilee celebration of the Department.**

**To organize an Alumni meet and bring maximum number of participants.**

**To organize departmental PTA meeting every possible month and get maximum involvement of the parents.**

**To arrange remedial coaching to weaker students by making use of available Department faculties.**

**To conduct nature camp for B.Sc. Chemistry students.**

**To give effective career orientation to students.**

**Try to bring more research funding to the Department.**

**To organize extra skill acquisition training for I<sup>st</sup> year students.**

### **Commerce**

**The department has plans to conduct NET/SET coaching classes for our students.**

**We plan on Conducting a national level Inter collegiate commerce and management fest.**

**We also have plans to organize a international seminar.**

**We are planning on conducting a lecture series on various subjects**

### **History**

**Will Conduct Regional Seminar on Women Empowerment and Sustainable Development: An Integrated Approach In August 2017 With The Support Of Dss, Mgu.**

**Decided to conduct a National Seminar on Socio-Economic Status of the Marginalized Women in Kerala with the support of the Indian Council of Historical Research to analyze Socio-Economic Status of the Marginalized Women in Kerala.**

### **M A English**

**To conduct a workshop on literature and ecology named “Eco-Lit”.**

**To organize a grammar and spoken English class.**

### **Maths**

**Second international conference on Science, Engineering Technology and Social Science will be conducted in upcoming year.**

**Intercollegiate Quiz competition will be conducted in upcoming year.**

**Carrier planning for next year.**

**We will conduct coaching classes for outside students.**

### **M.Sc. Botany**

**Planning to improve departmental library facilities**

**Planning to conduct tissue culture based laboratory works**

**Planning to establish a medicinal garden**

**Planning to conduct national and state level seminars**

**Physics**

**Talk series by prominent research scholars and faculty of department of physics to be conducted once every month**

**Prof Dominic Sebastian Memorial Science Quiz to be conducted annually**

**Attaining academic excellence.**

**Make students competent enough to qualify in NET, GATE, JAM etc.**

**Development of the research wing in the department by achieving more and more major and minor research projects and grants from various funding agencies.**

**Attaining research guide ship to maximum number of faculties from department**

**Participation of more faculty members in national and international conferences.**

**Collaborative projects with well recognized scientific organizations**

**Statistics**

**Planning to introduce an Add-on course on Computer Basics.**

**Department planning to conduct a workshop on recent statistical Softwares like R, Mathematica**

**Give an idea to students on online courses conducted by Coursera and Edx**

**Give an hour in a week for watch TED videos and recent trends in statistical analysis**

**Start a small data processing centre for data analysis and other outside projects**

**Zoology**

**To conduct classes to school students on relevant topics in Biology to create passion towards nature and living things.**

**To provide hands on training on vermicomposting and aquarium management to interested students.**

**To organise a tree planting campaign in the campus as a green initiative.**

**To nurture the talents and skills of the students the department plans to organise a talent day.**

**The Zoology association also plans to conduct a quiz competitions, poster competitions, field trips and nature camps for the students.**

**To impart knowledge on novel fields in Biology and research we are planning to arrange invited lectures of eminent biologists and to arrange visits to research stations**



**To enhance the leadership qualities and all round personality development special training sessions are planned.**

**To organize an exhibition on Life sciences**

#### **ANNEXURE I**

#### **ANALYSIS AND REPORT ON FEEDBACK FROM STUDENTS AND PARENTS**

Every year, feedbacks from the students regarding teaching, learning and other academic and co-curricular activities are collected, analysed every semester and a report is prepared. Right measures are taken to rectify the negative feedbacks.

The feedback from the students was very positive. They value the departments positively. There were only minor suggestions from the students which were about canteen facilities, rest room, etc. The opinion about the faculty members was also good. Teachers provided them with moral support and motivation. The subject knowledge, communication skills, etc. of the teachers were excellent. They opined that the teaching/learning environment was very effective for their overall development. The areas having scope for improvement were identified and compensatory measures were taken.

The feedback from parents was obtained during the PTA meeting. They were satisfied with the academic ambience provided by the college. The teaching- learning exercise was being conducted well, according to them. They are of the opinion that modifications in the infrastructure would be welcome.

## **ANNEXURE II**

### **FACULTY ATTENDED CONFERENCES AND SYMPOSIA**

#### **International**

##### **Annmaria Jose**

1. International conference on Science, Engineering technology and Management (ICSETM-2017) organized by Department of Mathematics 8<sup>th</sup> & 9<sup>th</sup> March 2017.

**Ms. Rinu Jose**

1. Two day International conference on Triple Bottom Line for Sustainability” held at De Paul University, Cochin on 19,20 December 2016.
2. Two day International seminar on “Future of globalisation through the lense of development economics” held at Baselius College Kottayam on 5,6 January 2017.
3. International conference on Science, Technology and Management (ICSETM ) held at K.E College, Mannanam.

**Ms. Amal Sharin T J**

1. Two day International conference on Triple Bottom Line for Sustainability” held at De Paul University, Cochin on 19,20 December 2016.
2. Two day International seminar on “Future of globalisation through the lense of development economics” held at Baselius College Kottayam on 5,6 January 2017.
3. International conference on Science, Technology and Management (ICSETM ) held at K.E College, Mannanam.

**Ms. Mettilda George**

1. Two day International conference on Triple Bottom Line for Sustainability” held at De Paul University, Cochin on 19,20 December 2016.
2. Two day International seminar on “Future of globalisation through the lense of development economics” held at Baselius College Kottayam on 5,6 January 2017.

**Ms. Gincy Lukose**

1. Two day International conference on Triple Bottom Line for Sustainability” held at De Paul University, Cochin on 19,20 December 2016.
2. Two day International seminar on “Future of globalisation through the lense of development economics” held at Baselius College Kottayam on 5,6 January 2017.

**Fr. Joby Joseph**

1. Development of Native Literature in Canada Reflecting the Growth from Oral Tradition to Written Tradition. One Day International conference on Canadian studies. Department of English in collaboration with Indian Association for Canadian studies, 1 February, 2016.

**Dr.Sr. Shobhana**

1. An **Inter National level Conference** on *Science ,Engineering, Technology and Management* organized by Dept. of Mathematics, K.E.College Mannanam on 8<sup>th</sup> and 9<sup>th</sup> March, 2017, at KE College Mannanam

**Dr.Brigit Paul**

1. Chaired a Session in the international seminar organized by St. Theresa s college, Ernakulam in collaboration with Kendriya Hindi Sansthan on 18<sup>th</sup> and 19<sup>th</sup> August 2016.

**Dr. Jesty Thomas**

1. Synthesis of Sm<sup>3+</sup>-doped graphitic carbon nitride nanosheets for the photocatalytic degradation of organic pollutants under sunlight, Jesty Thomas, Ambili K.S, International Conference on Catalysis and Chemical Engineering (CCE-2017)”, The DoubleTree by Hilton, Baltimore, USA, 22<sup>nd</sup>-24<sup>th</sup> February 2017.
2. Solar light active nano catalysts for the degradation of persistent organic pollutants, Jesty Thomas, International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8<sup>th</sup>-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
3. Nanomaterials: A tool for the photodegradation of organic pollutants, Jesty Thomas, International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.
4. One day outreach program hosted by IIUCNN, MGU on “Facilitating Innovation and Patent Filing” organized by Inter University Center for Intellectual Property Studies (IUCIPRS) and MHRD Chair on IPR, CUSAT, 19<sup>th</sup> August 2016

**Ms. Linta Maria Jose**

1. International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
2. International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.

**Dr. Shyla George**

1. International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
2. International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.

**Dr. Anju Augustine**

1. International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8<sup>th</sup>-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
2. International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.

**Ms. Shilpa Joy**

1. International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
2. International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.

**Dr. Litty Joseph**

1. International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.

**Dr.Sandhya C.**

1. International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam

**Ms. Jency Francis**

1. International Seminar on “International Conference on Capital Markets and Finance” organised by St. Teresa’s College Ernakulam on 6 – 7 January 2017

2. International Seminar on “Infrastructure –Industrialisation and Development: Forward Linkages drawing from Global Models” organised by University of Kerala, Thiruvananthapuram on 16 – 18 February 2017
3. International Seminar on “International Conference on Science, Engineering, Technology and Management ” organised by K.E College Mannanam on 8 – 9 March 2017

#### **Neethu Jose**

1. International Seminar on “International Conference on Capital Markets and Finance” organised by St. Teresa’s College Ernakulam on 6 – 7 January 2017
2. International Seminar on “Infrastructure –Industrialisation and Development: Forward Linkages drawing from Global Models” organised by University of Kerala, Thiruvananthapuram on 16 – 18 February 2017
3. International Seminar on “International Conference on Science, Engineering, Technology and Management ” organised by K.E College Mannanam on 8 – 9 March 2017

#### **Prajod Sunny**

1. International Conference on “Capital Markets and Finance” organised by The Department of Economics and Centre for Research, St. Teresa’s College, Ernakulam in collaboration with The Indian Econometric Society(TIES), National Institute of Securities Market(NISM) and Kerala Economic Association(KEA)

#### **Dr. Rosamma Mathew**

1. Participated in the two day International Conference on Science, Engineering, Technology and Management (ICSETM- 2017) organized by the Department of Mathematics from 8<sup>th</sup> to 9<sup>th</sup> March 2017 at K.E College, Mannanam.

#### **Sijimol C. G**

1. Participated in the One day International Workshop organized by Kerala Economic Association and the Department of Economics, St Xavier’s College for Women, Aluva on the topic, “Academic Writings in the Digital Environment: A New Perspective” on 1<sup>st</sup> August 2016.
2. Participated in the International Conference “Envision: A Holistic View on Empowering Women” held during 15 – 16 November 2016 at St. Xavier’s College for Women, Aluva.

3. Participated in the two day International Conference on Science, Engineering, Technology and Management (ICSETM- 2017) organized by the Department of Mathematics from 8<sup>th</sup> to 9<sup>th</sup> March 2017 at K.E College, Mannanam.

**Tintu K.J**

1. Participated in the Second Annual session of the Kerala History Congress, held at Union Christian College, Aluva during December 20-22, 2016.

**Dr. Sunny Joseph Kalayathankal**

1. International Conference on Science, Engineering, Technology & Management (March 8 – 9, 2017)

**Dr. V T Antony**

1. International seminar on crossing frontiers in bioengineering and tissue culture conducted by Department of botany K E College Mannanam .

**Ms. Tinu Varghese**

1. International seminar on crossing frontiers in bioengineering and tissue culture conducted by Department of botany K E College Mannanam

**Ms. Priya Reghunath**

1. International seminar on crossing frontiers in bioengineering and tissue culture conducted by Department of botany K E College Mannanam

**Ms. Jayalekshmi C V**

1. International seminar on crossing frontiers in bioengineering and tissue culture conducted by Department of botany K E College Mannanam

**Ms. Reshma K Remesh**

1. International seminar on crossing frontiers in bioengineering and tissue culture conducted by Department of botany K E College Mannanam

**Dr Jini Thomas**

1. International conference on Science, Engineering , Technology and management organized by Dept. of Mathematics, K.E College, Mannanam- March 8-9, 2017

**Dr. Jaiby Joseph**

1. International conference on Science, Engineering , Technology and management organized by Dept. of Mathematics, K.E College, Mannanam- March 8-9, 2017

**Ms. Aparna Raj**

1. International conference on Science, Engineering , Technology and management organized by Dept. of Mathematics, K.E College, Mannanam- March 8-9, 2017

**Fr. Johnson Joseph**

1. An Inter National level Conference on *Science, Engineering, Technology and Management* organized by Dept. of Mathematics, K. E. College Mannanam on 8<sup>th</sup> and 9<sup>th</sup> March, 2017, at KE College Mannanam

**Ms. Jesline Maria Martin Mamen**

1. An International Conference on *Inclusion Beyond Borders(ICI-2017)* organized by School of Behavioural Sciences, M.G. University, Kottayam& Rehabilitation Council of India on 23<sup>rd</sup> to 25<sup>th</sup> February 2017 at School of Behavioural Sciences, M.G. University, Kottayam.

**Ms. Chinchu Rani Vincent**

1. An Inter National level Conference on *Science, Engineering, Technology and Management* organized by Dept. of Mathematics, K.E.College Mannanam on 8<sup>th</sup> and 9<sup>th</sup> March, 2017, at KE College Mannanam

**Ms. Anuja Mary Thomas**

1. International Conference on *Gender Dynamics: Evolving Synergies* organized by the Research Department of Psychology on 29<sup>th</sup> and 30<sup>th</sup> June, at Women's Christian College, Chennai.

**Mr. Jojo Chacko Eapen**

1. International Conference on Solution Focused Practices 2016 in Behavioural Science and the Annual Meet of Association for Solution Focused Practices- India (ASFP-I) on December 2016, Calicut, Kerala.

**Lt. Jobin Vargheese. P**



1. Participated in the **international conference** on Science, Engineering, Technology and Management organized by the Department of Mathematics, K.E College, Mannanam from 8<sup>th</sup> to 9<sup>th</sup> March 2017.

#### **Dr.Smitha.S**

1. Participated in a **Two day International workshop** on Data Analysis using R sponsored by the Directorate of Collegiate Education, Govt. of Kerala organized by the Department of Statistics Govt. College, Tripunithura held on 24<sup>th</sup> and 25<sup>th</sup> November 2016.
2. Participated in the **international conference** on Science, Engineering, Technology and Management organized by the Department of Mathematics, K.E College, Mannanam from 8<sup>th</sup> to 9<sup>th</sup> March 2017.

#### **Dr. Sindhu. E.S**

1. Participated in a **Two day International workshop** on Data Analysis using R sponsored by the Directorate of Collegiate Education, Govt. of Kerala organized by the Department of Statistics Govt. College, Tripunithura held on 24<sup>th</sup> and 25<sup>th</sup> November 2016.
2. Participated in the **international conference** on Science, Engineering, Technology and Management organized by the Department of Mathematics, K.E College, Mannanam from 8<sup>th</sup> to 9<sup>th</sup> March 2017.

#### **Dr. Dhannya P Joseph**

1. Participated in a **Two day International workshop** on Data Analysis using R sponsored by the Directorate of Collegiate Education, Govt. of Kerala organized by the Department of Statistics Govt. College, Tripunithura held on 24<sup>th</sup> and 25<sup>th</sup> November 2016.
2. Participated in the **international conference** on Science, Engineering, Technology and Management organized by the Department of Mathematics, K.E College, Mannanam from 8<sup>th</sup> to 9<sup>th</sup> March 2017.

#### **Sr. Jessy Joseph Kavumkal**

1. Crossing Frontiers in Bioengineering and Tissue Culture (10<sup>th</sup>- 11<sup>th</sup> February 2017)  
Organised By The Department Of Botany, K.E. College Mannanam
2. International Conference on Science, Engineering & Management' (8<sup>th</sup> -9<sup>th</sup> March 2017)  
Organized By Dept. of Mathematics, K.E. College Mannanam.

**Nisha Maria E G**

1. Crossing Frontiers in Bioengineering and Tissue Culture (10<sup>th</sup>- 11<sup>th</sup> February 2017)  
Organised By The Department Of Botany, K.E. College Mannanam

**Rose Mary N J**

1. Crossing Frontiers in Bioengineering and Tissue Culture (10<sup>th</sup>- 11<sup>th</sup> February 2017)  
Organised By The Department Of Botany, K.E. College Mannanam

**Ms. Jessey John**

1. “Women empowerment” , At St:Xaviers college Aluva
2. Professionalism in social work at BCM college Kottayam

**Mrs. Simple Renju**

1. International conference on “Social work intervention against drug abuse among children” at BCM college Kottayam

**Ms.Julia Punnackapadavil**

1. International conference on “Social work intervention against drug abuse among children” at BCM college Kottayam

**National****Rony George**

1. Seminar on **Derrida After 50 Years** held on 10<sup>th</sup> February, 2017 organized by St. Berchmans College, Changanacherry.
2. **Literary Theory: Discourse and Practice** held on 20<sup>th</sup> January 2017 organized by K.E.College Mannanam

**Jiju Gillarious**

1. National conference on advance in statistical science organized by Kannur University.

**Ms. Rinu Jose**

1. Two day National seminar on “Recent trends in marketing” held at K.E College, Mannanam on 26,27 October 2016.

2. Two day National seminar on “ Financial Derivatives-Opportunities and Challenges” held at K.E College Mannanam on 14, 15, December 2016.

**Ms. Amal Sharin T J**

1. Two day ICSSR sponsored National seminar on “ Dimension of Discrimination and Exclusion : The Experience of Minorities and Indigenous People in India” organised by Department of Economics and Political Science, St. Xavier’s College for Women, Aluva on 9th and 10th January 2017.
2. One Day National Seminar on “Human Rights Perspective of Gender Issues” organised by Department of Social Work, K.E College Mannanam on 28th January 2017.

**Ms. Mettilda George**

1. Two day UGC Sponsored National Seminar on Indian Fiscal System-Fiscal Consolidation and Inclusive Growth: An Analysis in Line With FRBM Act 2003 held at St. George’s College Aruvithura on 30th and 31st January 2017.

**Ms. Jessey John**

1. “Human Rights Perspective on Gender Issues” in K.E college Mannanam.
2. “Influence of media upon children ”organized by Kottayam Press club and CMS College Kottayam

**Dr. Sr. Shobhana**

1. A National level Psychotherapy workshop on *Cognitive Behaviour Therapy* on January 2<sup>nd</sup>, 2017 organized by Dept. of Psychology K.E. College Mannanam, at KE College Mannanam

**Ms. Asha paul**

1. National Level Seminar on *Empowering Lives: Mental Health and Wellbeing in an Inclusive World* organized by Dept. of Psychology, Christ University Bangalore on 9th and 10<sup>th</sup> December, 2016

**Dr. Mathews .T.Thelly**

1. Participated in a one day outreach programme on “Facilitating innovation and patent filing” at MG University on 19<sup>th</sup> August 2016.
2. Participated in a one day Syllabus revision workshop held at CMS College Kottayam on 15<sup>th</sup> April 2017

**Ms. Theja Joseph**

1. Ms Theja Joseph attended a National Seminar on “Pulses for a sustainable future” at CMS College Kottayam on 10<sup>th</sup> August 2016.

**Dr. Jollyamma Mathew**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov, 2016.

**Dr. Jesty Thomas**

1. Photocatalytic degradation of persistent organic pollutants using semiconductor nanomaterials under solar light, Jesty Thomas, Government College, Nattakom in connection with National Seminar on “Recent Advances in Materials Science” on 11<sup>th</sup> January 2017.
2. National Seminar on New Frontiers in Teaching Chemistry, 10<sup>th</sup>-11<sup>th</sup> November 2016, K.E.College, Mannanam.

**Ms. Linta Maria Jose**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov, 2016.
2. One day outreach programme on facilitating innovations and patent filing organized by IIUCNN MG University on 19 august 2016.
3. Participated in the Syllabus Revision Workshop for B.Sc. Chemistry organized by Mahatma Gandhi University on 9<sup>th</sup> April 2016, at St.Thomas College Pala.

**Dr. Shyla George**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov, 2016.
2. Linus Pauling Lecture Award, School of Chemical Sciences, M.G. University, Oct 7, 2016.
3. Facilitating Innovation and Patent Filing, International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), M.G. University, Aug 19, 2016.

**Dr.Anju Augustine**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov, 2016.

2. Linus Pauling Lecture Award, School of Chemical Sciences, M.G. University, Oct 7, 2016.

**Ms. Shilpa joy**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov, 2016
2. Linus Pauling Lecture Award, School of Chemical Sciences, M.G. University, Oct 7, 2016.
3. Facilitating Innovation and Patent Filing, International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), M.G. University, Aug 19, 2016.
4. Workshop On Computational Chemistry And Applications, SreenivasaRamanujan Institute for Basic Science, Kottayam, 30 Dec 2016- 1 Jan 2017.
5. DST, Workshop On ComputationalQuantum Chemistry, Sacred Heart College Thevara, Jan 5-7, 2017.

**Dr. Litty Joseph**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov, 2016.
2. Linus Pauling Lecture Award, School of Chemical Sciences, M.G. University, Oct 7, 2016.
3. Disaster, Risk and Vulnerability Conference (DVRC) 2017 at Kerala University on March 29-30<sup>th</sup>.

**Dr.Sandhya C**

1. New Frontiers in Teaching Chemistry-III, K. E. College, Mannanam, 10-11 Nov,

**Dr. Brigit Paul**

1. Third National Conference of IPCAI (Institute for Person Centered Approaches )in India on 12<sup>th</sup> November 2016 at Cochin.

**Ms. Jency Francis**

1. National Seminar on “Impact of GST on Trade and Industry” organised by Marian College Kuttikkanam on 22 October 2016

2. National Seminar on “Financial markets and derivatives- Opportunities and challenges” organised by PG Department of Commerce, K.E College Mannanam on 14<sup>th</sup> and 15<sup>th</sup> December 2016
3. National Seminar on “Recent trends in Retail Marketing” organised by K.E College Mannanam on 26 - 28 October 2016

**Ms. Divya Joseph**

1. National Seminar on “Financial markets and derivatives- Opportunities and challenges” organised by PG department of commerce, K.E College Mannanam on 14<sup>th</sup> and 15<sup>th</sup> December 2016
2. National Seminar on “Recent trends in retail marketing” organised by K.E College Mannanam on 26 - 28 October 2016

**Ms. Neethu Jose**

1. National Seminar on “Impact of GST on Trade and Industry” organised by Marian College Kuttikkanam on 22 October 2016
2. National Seminar on “Recent trends in Retail Marketing” organised by K.E College Mannanam on 26 - 28 October 2016
3. National Seminar on “Financial markets and derivatives- Opportunities and challenges” organised by PG Department of Commerce, K.E College Mannanam on 14<sup>th</sup> and 15<sup>th</sup> December 2016

**Mr. Prajod Sunny**

1. National Seminar on “New Frontiers in Teaching” organised by the Research and Post Graduate department of Chemistry of Kuriakose Elias College, Mannanam on 10<sup>th</sup> and 11<sup>th</sup> of November, 2016.
2. National seminar on “Recent trends in Retail Marketing” held at Kuriakose Elias College, Mannanam on 26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> of October, 2016.
3. National seminar on “Financial Markets and Derivatives – Opportunities and Challenges” co-sponsored by Mahatma Gandhi University and organised by Department of Commerce, Kuriakose Elias College, Mannanam on 14<sup>th</sup> and 15<sup>th</sup> of December, 2016.

**Mr. George J Puthumana**

1. National Seminar on “New Frontiers in Teaching” organised by the Research and Post Graduate department of Chemistry of Kuriakose Elias College, Mannanam on 10<sup>th</sup> and 11<sup>th</sup> of November, 2016.
2. National seminar on “Financial Markets and Derivatives – Opportunities and Challenges” co-sponsored by Mahatma Gandhi University and organised by Department of Commerce, Kuriakose Elias College, Mannanam on 14<sup>th</sup> and 15<sup>th</sup> of December, 2016.

**Dr. Rosamma Mathew**

1. Participated in the UGC sponsored Two Day National seminar on “Recent Trends in Archaeology with special reference to Kerala” jointly organized by the Department of Archaeology, Govt. of Kerala and Department of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017. (Convener of the Seminar)
2. National Seminar on Historic Perspective on Tourism Development and Environment in Idukki District of Kerala State at Newman College Thodupuzha, February 2017 Paper presented : Tourism A Key to Women Empowerment and Sustainable Development: A Study Based on the State of Kerala.

**Ms. Sijimol C. G**

1. Participated in the UGC sponsored Three Day National seminar on “Development induced Displacement – Issues and Challenges” held from 31<sup>st</sup> January to 2<sup>nd</sup> February 2017 organized by the School of Gandhian Thought and Development Studies, MGU.
2. Participated in the UGC sponsored Two Day National seminar on “Recent Trends in Archaeology with special reference to Kerala” jointly organized by the Department of Archaeology, Govt. of Kerala and Department of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017.
3. Participated in the UGC sponsored Two Day National seminar on Convergence & Fragmentation: Media, Technology & Society on 3<sup>rd</sup> to 4<sup>th</sup> April 2017 at CMS College, Kottayam.

**Mr. Tintu K.J**

1. Participated in the UGC sponsored Two Day National seminar on “Recent Trends in Archaeology with special reference to Kerala” jointly organized by the Department of

Archaeology, Govt. of Kerala and Department of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017.

**Navamy Raju**

1. Participated in a one day national seminar on LITERARY THEORY:DISCOURSE AND PRACTICE conducted by the Post Graduate department of English, KE College Mannanam and supported by Mahatma Gandhi University on 20th January 2017.

**Maria Anu Joseph**

1. Participated in a one day national seminar on LITERARY THEORY:DISCOURSE AND PRACTICE conducted by the Post Graduate department of English, KE College Mannanam and supported by Mahatma Gandhi University on 20th January 2017.

**Ann Sebastian**

1. Participated in a one day national seminar on LITERARY THEORY:DISCOURSE AND PRACTICE conducted by the Post Graduate department of English, KE College Mannanam and supported by Mahatma Gandhi University on 20th January 2017.

**Elizabeth Chandy**

1. Participated in a one day national seminar on LITERARY THEORY:DISCOURSE AND PRACTICE conducted by the Post Graduate department of English, KE College Mannanam and supported by Mahatma Gandhi University on 20th January 2017.

**Dr. Sunny Joseph Kalayathankal**

1. National Seminar on Recent Research Opportunities in Computer Science and its Applications held at MACFAST Thiruvalla, Kottayam, 5 – 6 September 2016
2. National conference on bridging innovative trends in pure and applied Mathematics held at Bennari Ammen Institute of Technology, Sathyamangalam, July 15 - 16, (2016).

**Dr. Mercy Mathews**

1. National Seminar on Recent advancements in Photonics organized by Vimala College – February 14-15, 2017.



**Fr. Johnson Joseph**

1. National Level Seminar on *Assessment and Management of Intellectual, Learning and Developmental Disabilities* organized by Dept. of Psychology, Union Christian College Aluva on 9<sup>th</sup> and 10<sup>th</sup> February, 2017.
2. A National level Psychotherapy workshop on *Cognitive Behaviour Therapy* on January 2<sup>nd</sup>, 2017 organized by Dept. of Psychology K.E. College Mannanam, at K.E. College, Mannanam.
3. National Level Seminar on *Inclusion of Persons with Disabilities* organized by the Inter University Centre for Disability Studies, M.G. University, Kottayam and Alan T21 Welfare Trust, Changanassery on 17<sup>th</sup> December, 2016 at M.G. University, Kottayam
4. Skill Training Workshop on Cognitive Behaviour Therapy organized by Roldent Rejuvenation on 18<sup>th</sup> and 19<sup>th</sup> December, 2016 at Cochin.
5. National Level Seminar on *Empowering Lives: Mental Health and Wellbeing in an Inclusive World* organized by Dept. of Psychology, Christ University Bangalore on 9<sup>th</sup> and 10<sup>th</sup> December, 2016.

**Ms. Jesline Maria Martin Mamen**

1. A National level Psychotherapy workshop on *Cognitive Behaviour Therapy* on January 2<sup>nd</sup>, 2017 organized by Department of Psychology K.E. College at K.E. College, Mannanam.
2. National Level Seminar on *Inclusion of Persons with Disabilities* organized by the Inter University Centre for Disability Studies, M.G. University, Kottayam and Alan T21 Welfare Trust, Changanassery on 17<sup>th</sup> December, 2016 at M.G. University, Kottayam
3. National Level Seminar on *Human Rights Perspective of Gender Issues* organized by Department of Social Work, K.E. College on 28<sup>th</sup> January 2017 at K.E. College, Mannanam.

**Ms. Chinchu Rani Vincent**

1. A National level Psychotherapy workshop on *Cognitive Behaviour Therapy* on January 2<sup>nd</sup>, 2017 organized by Dept. of Psychology K.E. College Mannanam, at K.E. College Mannanam
2. National Level Seminar on *Empowering Lives: Mental Health and Wellbeing in an Inclusive World* organized by Dept. of Psychology, Christ University Bangalore on 9<sup>th</sup> and 10<sup>th</sup> December, 2016.

**Ms. Anuja Mary Thomas**

1. National Level Workshop on '*Mental Health in Childhood and Adolescence- assessment and therapeutic Intervention*' organized by Research Dept. of Psychology on 16<sup>th</sup> Feb, at Women's Christian College, Chennai.

**Lt. Jobin Vargheese. P**

1. Participated in a **Two day National Seminar** on Recent Trends in Archeology with special reference to Kerala jointly organized by the Dept .of Archeology, Govt. of Kerala and dept. of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017.

**Dr .Smitha.S**

1. Participated in a **Two day National Seminar** on Recent Trends in Archeology with special reference to Kerala jointly organized by the Dept .of Archeology, Govt. of Kerala and dept. of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017.

**Dr. Sindhu. E.S**

1. Participated in a **Two day National Seminar** on Recent Trends in Archeology with special reference to Kerala jointly organized by the Dept .of Archeology, Govt. of Kerala and dept. of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017.

**Dr. Dhannya P Joseph**

1. Participated in a **Two day National Seminar** on Recent Trends in Archeology with special reference to Kerala jointly organized by the Dept .of Archeology, Govt. of Kerala and Dept. Of History, K.E College, Mannanam on 20<sup>th</sup> and 21<sup>st</sup> February 2017.

**Mr. Tijo Mathews**

1. Participated in a **National seminar** on financial markets and derivatives opportunities and challenges organized by the Dept. of Commerce, K.E College, Mannanam held on 14-15 December 2016.
2. **Chaired a session** in a **National seminar** on financial markets and derivatives opportunities and challenges organized by the Dept. of Commerce, K.E College, Mannanam held on 14-15 December 2016.

**Mrs. Simple Renju**

1. Human Rights Perspective on Gender Issues” at K.E College, Mannanam

**Ms. Julia Punnackapadavil**

1. Human Rights Perspective on Gender Issues” at K.E College, Mannanam

**Mr. Jinil TN**

1. “QUEST “in centre for Development Studies –Trivandrum
2. “Human Right Perspective on Gender Issues” at K.E College Mannanam.

**Ms. Priya S Dev**

1. “Human Right Perspective on Gender Issues,” K.E college, Mannanam

**Ms.Chinnu Mohan**

1. “Human Right Perspective on Gender Issues” at K.E College, Mannanam

**Ushes Mathew**

1. Conference conducted by Sree Narayana Gurukulam college of Engineering (SNGC), Trends and Challenges in Global Business Management.
2. UGC Sponsored conference “Shifting Paradigms in Business and Finance” conducted by Post Graduate Department of Commerce, Baselius College, Kottayam
3. Conference conducted by St. Peters College, foreign Direct Investment in India – Opportunities and Challenges.- Ushes Mathew
4. UGC Sponsored “FDI in India: Opportunities and Challenges” conducted by Post Graduate and Research Department of Commerce, St. Peters College
5. Conference conducted by Department of management, St. Berchmans College, “Unleashing Ingenious Management Potential for Business Endurance”.

**Dr. Joyskutty Joseph**

1. Attended Two day National seminar on ‘Sahithyam Vayanayum Vimarshanavum’ organized by E K Nayanar Memorial Govt. College Kasargod.

**Mr. Pratheesh C**

1. National Seminar on “Financial markets and derivatives- Opportunities and challenges” organized by PG Department of Commerce, K.E College Mannanam on 14th and 15th December 2016

**Ms. Shereena K B**

1. National Seminar on “Financial markets and derivatives- Opportunities and challenges” organized by PG Department of Commerce, K.E College Mannanam on 14th and 15th December 2016

**Ms. Seethalekshmy C**

1. National Seminar on “Financial markets and derivatives- Opportunities and challenges” organized by PG Department of Commerce, K.E College Mannanam on 14th and 15th December 2016

**State**

**Ms. Amal Sharin T J**

1. One Day seminar organised by Kerala Economic Association and the department of economics, St. Theresas College Ernakulam on the topic “ A Discussion on Indian Economy & Economic survey,2016-17” forwarded and initiated by Dr. Aravind Subramanian, Chief Economic Advisor, Ministry of Finance, Government of India on 14th March 2017.

**Ms. Jessey John**

1. “Disaster management among Disabled” organized by MG University centre for disability studies

**Mrs. Simple Renju**

1. State level conference on “child abuse prevention, HIV /AIDS, Youth problems and management.”

**Ms.Julia Punnackapadavil**

1. State level conference on “child abuse prevention, HIV /AIDS, Youth problems and management”.

**Ms.Priya S Dev**

1. Attended GBM of Kerala Association of Professional Social workers (KAPS )
2. State level Work Shop of KECRO(Kerala State Child Rights Observatory on “Child Right issues.”

**Dr. Litty Joseph**

1. Disaster, Risk and Vulnerability Conference (DVRC) 2017 at Kerala University on March 29-30<sup>th</sup>.

**Dr. Sandhya C.**

1. Participated in Nature Awareness Programme held at Shola National Park from 6<sup>th</sup> January 2017 to 8<sup>th</sup> January 2017

**Sijimol C. G**

1. Participated in the Workshop on 'Research Methodology: "Tool Construction and Test Standardization"' on 8th July 2016, conducted by Inter University Centre for Disability Studies (IUCDS), MGU, Kottayam.
2. Attended the Academic seminar on Higher Education in Kerala, Policies, Perspectives and Developmental Concerns organized in connection with the 59<sup>th</sup> Annual conference of The All Kerala Private College Teachers Association held on 24<sup>th</sup> of March, 2017.
3. Participated in the Workshop on 'Research Methodology: Application of Research Methods & Statistics' from 26<sup>th</sup> to 29<sup>th</sup> April 2017, conducted by Inter University Centre for Disability Studies (IUCDS), MGU, Kottayam.
4. Participated in the two day Training Programme on Effective Course Delivery using Moodle from 5<sup>th</sup> to 6<sup>th</sup> May 2017 at ICT Academy of Kerala Learning Centre, Technopark, Trivandrum.

**Ms Priya Reghunath**

1. Seminar on cryptogams of Western Ghats: A botanical perspective organized by post graduate and research dept of Mar Thoma College Thiruvalla

**Ms. Jayalekshmi C V**

1. Seminar on cryptogams of Western Ghats: A botanical perspective organized by post graduate and research dept of Mar Thoma College Thiruvalla

**Dr.Smitha.S**

1. Participated in a **Four day workshop** on Analysis of Economics Data organized by Post Graduate & Research Department of Economics ,Govt. College, Kottayam held from 14<sup>th</sup> to 17<sup>th</sup> December 2016

**Dr. Sindhu. E.S**

1. Participated in a **Four day workshop** on Analysis of Economics Data organized by Post Graduate & Research Department of Economics ,Govt. College, Kottayam held from 14<sup>th</sup> to 17<sup>th</sup> December 2016

**Regional Seminar**

**Mrs. Simple Renju**

1. CAP( Cancer Awareness Programme) at Campus programme organized by Sargakshethra and Deepika News Paper.
2. District Level conference of “Akshara Nagari Souhrida Kootayma,”Kottayam
3. KAPS (Kerala association for professional social workers)conference

**Ms.Julia Punnackapadavil**

1. CAP (Cancer Awareness Programme) at Campus programme organized by Sargakshethra and Deepika News Paper.
2. Conference of “Akshara Nagari Souhrida Kootayma”,Kottayam
3. KAPS (Kerala association for professional social workers) conference

**Mr. Jinil TN**

1. CAP ( Cancer Awareness Programme) at Campus programme organized by Sargakshethra and Deepika News Paper.
2. District Level conference of” Akshara nagari Souhrida Kootayma,” Kottayam
3. KAPS (Kerala association for professional social workers)conference

**Ms. Priya S Dev**

1. CAP( Cancer Awareness Programme) at Campus programme organized by Sargakshethra and Deepika News Paper.

2. District Level conference of “Akshara nagari Souhrida Kootayma,” Kottayam
3. KAPS (Kerala association for professional social workers)conference
4. Attended GBM of Kerala Association of Professional Social workers (KAPS )

**Ms. Chinnu Mohan**

1. District Level conference of “Akshara Nagari Souhrida Kootayma,” Kottayam
2. KAPS (Kerala association for professional social workers) conference

**ANNEXURE III**

**FACULTY PRESENTED PAPERS**

**International**

**Ms. Rinu Jose**

1. “The impacts of climate change on Black Pepper production in Kerala” in the two day International conference on Triple Bottom Line for Sustainability” held at De Paul University, Cochin on 19, 20 December 2016.
2. “Trade liberalisation and Instability in the export of black pepper in India” two day International seminar on “Future of globalisation through the lense of development economics” held at Baselius College Kottayam on 5,6 January 2017.
3. “Integration of India’s bond market with foreign rates: An empirical Analysis” in the International conference on Science, Technology and Management (ICSETM) held at K.E College, Mannanam.

**Ms. Amal Sharin T J**

1. “Reproductive Medical Tourism in India: Prospects and Challenges” in the two day International conference on Triple Bottom Line for Sustainability” held at De Paul University, Cochin on 19,20 December 2016.
2. “Health Tourism in India: Issues and Concerns” in the International conference on Science, Technology and Management (ICSETM ) held at K.E College, Mannanam.

**Ms. Mettilda George**

1. “A study on green banking and environmental sustainability initiatives” - two day International Conferences on “Triple Bottom Line for Sustainability: The Roles of Government ,Corporate and Non-profit Sectors, Organised by De Paul Institute of Science and Technology & School of Public Service, De Paul University on 19&20 Dec 2016.
2. “Impact of Globalization on Education” - Two day International Seminar on Future of Globalization through the Lens of Development Economics held at Baselius College, Kottayam on 5&6 January 2017.

**Ms. Gincy Lukose**

1. “A study on green banking and environmental sustainability initiatives” - two day International Conferences on “Triple Bottom Line for Sustainability: The Roles of Government ,Corporate and Non-profit Sectors, Organised by De Paul Institute of



Science and Technology & School of Public Service, De Paul University on 19&20 Dec 2016.

2. “CO<sub>2</sub> Emissions in India: A Trend Analysis “Two day seminar on Future of Globalization Through the Lens of Development Economics held at Baselius College, Kottayam on 5&6 Jan 2017.

#### **Dr. Sujarani Mathew**

1. “Digitized Technology: Paradigm Shift in education” at an International Conference at Holy Cross college, Nagercoil – 4th March 2017

#### **Fr. Joby Joseph**

1. Development of Native Literature in Canada Reflecting the Growth from Oral Tradition to Written Tradition. One Day International conference on Canadian studies. Department of English in collaboration with Indian Association for Canadian studies, 1 February, 2016.
2. Presented and published a paper on *Re-mapping the Oriental world: A Postcolonial Reading of Joseph Conrad's Heart of darkness based on Edward Said's Theory of Orientalism*. International Conference on Social Perspectives in Contemporary English Literature. Department of English, Mangayarkarasi College of Arts and Science for women and Roots International Journal of Multidisciplinary researches, 10 September, 2016, Vol : 3 special issue : 4, ISSN : 2349 – 8684, ISRA – Impact Factor : 0811

#### **Dr. Sr. Shobhana**

1. Paper presented on bullying of adolescence in relation to their emotional intelligence self-concept, assertiveness in Annamalai university Chidambaram Tamil Nadu.

#### **Ms. Deepa Mary Joseph**

1. Presented a Poster on “Synthesis Of Silver Nanoparticles using *Musa sapientum* L. at India International Science festival ,New Delhi

#### **Dr. Jesty Thomas**

1. Synthesis of Sm<sup>3+</sup>-doped graphitic carbon nitride nanosheets for the photocatalytic degradation of organic pollutants under sunlight, Jesty Thomas, Ambili K.S,

International Conference on Catalysis and Chemical Engineering (CCE-2017)", The DoubleTree by Hilton, Baltimore, USA, 22<sup>nd</sup>-24<sup>th</sup> February 2017.

2. Solar light active nano catalysts for the degradation of persistent organic pollutants, Jesty Thomas, International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8<sup>th</sup>-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
3. Nanomaterials: A tool for the photo degradation of organic pollutants, Jesty Thomas, International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.
4. ZnO nanorods coupled with heteropolyphosphotungstic acid for the degradation of synthetic dyes, Jesty Thomas, Radhika.S, International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8<sup>th</sup>-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
5. Visible light driven degradation of persistent organic pollutants using ZnO nanorods coupled with photosensitive molecule, Jesty Thomas, Radhika.S, International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.
6. Nd<sup>3+</sup>-TiO<sub>2</sub> -H<sub>3</sub>PW<sub>12</sub>O<sub>40</sub> Nano composite for the degradation of persistent organic pollutants under solar light through advanced oxidation process, Jesty Thomas, Radhika.S, International Symposium on New Trends in Applied Chemistry (NTAC-2017)", Secret Heart College, Thevara, 09<sup>th</sup>-11<sup>th</sup> February 2017.
7. Photocatalytic degradation of pesticides using nano TiO<sub>2</sub> based solar photo catalyst, Jesty Thomas, Radhika.S, Albertian International Education Expo 2017, St.Albert's College, Ernakulam, 25<sup>th</sup>-28<sup>th</sup> January 2017.
8. Photocatalytic degradation of persistent organic pollutants using Nd<sup>3+</sup>-doped TiO<sub>2</sub> incorporated with heteropoly phosphotungstic acid under solar light- Jesty Thomas, Radhika.S, International Seminar on Recent Advances in Solar Energy Applications (RASE-2016), St.Teresa's College, Ernakulam, 15<sup>th</sup> December 2016.

#### **Dr. Sandhya C.**

1. Sandhya.C and Asha S Mathew. Presented a paper on Production of Detergent Stable Alkaline Protease in International Conference on Science, Engineering, Technology and Management (ICSETM-2017) on March 8-9, 2017 at K.E. College, Mannanam.

### **Jency Francis**

1. Presented a Paper on “ Infrastructure Development in India: The Role of Public-Private Partnership” in the International Seminar on “Infrastructure –Industrialisation and Development: Forward Linkages drawing from Global Models” organised by University of Kerala, Thiruvananthapuram on 16 – 18 February 2017
2. Presented a Paper on “A Study of GDP Growth in Service Sector” in the International Seminar on “International Conference on Science, Engineering, Technology and Management ” organised by K.E College Mannanam on 8 – 9 March 2017

### **Neethu Jose**

1. Presented a Paper on “ Infrastructure Development in India: The Role of Public-Private Partnership” in the International Seminar on “Infrastructure –Industrialisation and Development: Forward Linkages drawing from Global Models” organised by University of Kerala, Thiruvananthapuram on 16 – 18 February 2017

### **Dr. Rosamma Mathew**

1. Presented a paper on “Governance in Higher Education: A New Perspective” in the two day International Conference on Science, Engineering, Technology and Management (ICSETM- 2017) organized by the Department of Mathematics from 8<sup>th</sup> to 9<sup>th</sup> March 2017 at K.E College, Mannanam. (Best Paper Award)

### **Sijimol C. G**

1. Presented a paper on “Women Empowerment Through ICT” in the International Conference “Envision: A Holistic View on Empowering Women” held during 15 – 16 November 2016 at St. Xavier’s College for Women, Aluva.
2. Presented a paper titled “3D printing and its Application in Education” in the two day International Conference on Science, Engineering, Technology and Management (ICSETM- 2017) organized by the Department of Mathematics from 8<sup>th</sup> to 9<sup>th</sup> March 2017 at K.E College, Mannanam.

### **Dr. Feby Jose**

1. Paper presentation titled ‘*Synthesis and characterization of Aluminium Nitride Thin films with Reactive Magnetron Sputtering*’ International Conference on Macro Molecules (ICM 2016) at Mahatma Gandhi University, Kottayam- May 2016

**Mr. Jojo Chacko Eapen**

1. Presented a Paper on ‘Dispositional Mindfulness and Solution Focused Thinking among University Students’ in the International Conference on Solution Focused Practices 2016 in Behavioural Science and the Annual Meet of Association for Solution Focused Practices- India (ASFP-I) on December 2016, Calicut, Kerala.

**Dr. Smitha.S**

1. Presented a paper titled “ A Study on Residual Entropy Generating function “ in the international conference on Science, Engineering, Technology and Management from 8th to 9th March 2017 organized by the Department of Mathematics, K.E College, Mannanam

**Dr. Sindhu.E.S**

1. Presented a paper titled “ Restricted Random walks on Fixed Dimension “ in the **international conference** on Science, Engineering, Technology and Management from 8<sup>th</sup> to 9<sup>th</sup> March 2017 organized by the Department of Mathematics, K.E College, Mannanam

**Dr. Dhannya. P. Joseph**

1. Presented a paper titled “ Some Applications of Mellin convolution and H-function “ in the international conference on Science, Engineering, Technology and Management from 8th to 9th March 2017 organized by the Department of Mathematics, K.E College, Mannanam

**Sr. Jessy Joseph Kavumkal**

1. Spider Diversity On Jasminum sambac In Three Agroecosystem International Conference on Science, Engineering & Management (8<sup>th</sup> -9<sup>th</sup> March 2017) Organized by Dept. of Mathematics, K E College Mannanam.

**National****Rinu Jose**

1. “Green marketing in India: Emerging opportunities and challenges” in the two day National seminar on “Recent trends in marketing” held at K.E College, Mannanam on 26,27 October 2016.
2. “Non-performing Assets: A study of public, private and foreign banks in India” in the two day National seminar on “ Financial Derivatives-Opportunities and Challenges” held at K.E College Mannanam on 14, 15, December 2016.

**Ms. Amal Sharin T J**

1. “Social Exclusion and Inequalities in Maternal Health Care in India” in Two day ICSSR sponsored National seminar on “ Dimension of Discrimination and Exclusion : The Experience of Minorities and Indigenous People in India” organised by Department of Economics and Political Science, St. Xavier’s College for Women, Aluva on 9th and 10th January 2017.
2. “Caste and Social Exclusion in Maternal Health Care in India” in One Day National Seminar on “Human Rights Perspective of Gender Issues” organised by Department of Social Work, K.E College Mannanam on 28th January 2017.

**Ms. Mettilda George**

1. An Evaluation on the Effectiveness of the FRBM Act - Two day UGC Sponsored National Seminar on Indian Fiscal System-Fiscal Consolidation and Inclusive Growth: An Analysis in Line With FRBM Act 2003 held at St. George’s College Aruvithura on 30th and 31st January 2017.

**Dr. Sujarani Mathew**

1. “Sous Rature in Agrippa, The Book of the Dead: Cybertext and the Postmodern” –UGC sponsored National seminar on 3& 4<sup>th</sup> November 2016, St Cyrils College, Adoor.

**Fr. Joby Joseph**

1. Presented a Paper on *Quest for Identity: Postcolonial Representations in Conrad’s Heart of Darkness and Said’s Orientalism*. National seminar on Identities and Realities: texts and Contexts in Post-Colonial Literatures. Department of English, Jamal Muhamed College, Tiruchirappalli, 12 January 2016.
2. Presented and published paper on *Constructing Postcolonial presence and Representations in Edward Said’s Orientalism and Joseph Conrad’s Heart of Darkness*. A Two day National seminar on Emerging Trends in Postcolonial Literature. Department

of English, Dhanalakshmi Sreenivasan College of arts and science for women, 9-10, February 2016.

3. Presented and published a paper on *Re-mapping the Oriental world: A Postcolonial Reading of Joseph Conrad's Heart of darkness based on Edward Said's Theory of Orientalism*. International Conference on Social Perspectives in Contemporary English Literature. Department of English, Mangayarkarasi College of Arts and Science for women and Roots International Journal of Multidisciplinary researches, 10 September, 2016, Vol : 3 special issue : 4, ISSN : 2349 – 8684, ISRA – Impact Factor : 0811

#### **Ms Midhila Baby**

1. Presented a paper on “Phytochemical and Antimicrobial studies on *Ziziphus rugosa* L.” in the National Conference on Modern Trends in Research on 16<sup>th</sup> December 2016 at St. Teresas College Ernakulam.

#### **Dr. Jesty Thomas**

1. “Visible light driven degradation of synthetic dyes using ZnO nanorods sensitized with Porphyrin- Jesty Thomas, Radhika.S, 29th Kerala Science Congress, 28th-30th January 2017, Marthoma College, Thiruvalla.
2. Photocatalytic degradation of persistent organic pollutants using semiconductor nanomaterials under solar light, Jesty Thomas, Government College, Nattakom in connection with National Seminar on “Recent Advances in Materials Science” on 11th January 2017.
3. Sm<sup>3+</sup>-doped graphitic carbon nitride nanosheets as efficient solar photocatalyst- Jesty Thomas, Ambili.K.S, Radhika.S, National Seminar on Recent Advances in Materials Science, Government College, Nattakom, 10th-11th January 2017.

#### **Dr. Sandhya C.**

1. Asha S Mathew, Sandhya C, Amrutha Reji, Aswathy Ramachandran and Nimisha R. Presented a paper on In vitro antioxidant and antibacterial activities of aqueous extracts of *Artocarpus heterophyllus* fruits in 29th Kerala Science Congress organized by KSCSTE and KFRI on 28-30 January 2017, at Marthoma College, Thiruvalla.

#### **Jency Francis**

3. Presented a paper on “ Sustainability of Women Owned Family Businesses” in the National Seminar on “Financial markets and derivatives- Opportunities and challenges” organised by PG department of commerce, K.E College Mannanam on 14<sup>th</sup> and 15<sup>th</sup> December 2016
4. Presented a Paper on “Innovation in Retail Pricing and Promotion“ in the National Seminar on “Recent trends in retail marketing” organised by K.E College Mannanam on 26 - 28 October 2016.

#### **Divya Joseph**

1. Presented a paper on “ a study on financial literacy in Kottayam” in the National Seminar on “Financial markets and derivatives- Opportunities and challenges” organised by PG department of commerce, K.E College Mannanam on 14<sup>th</sup> and 15<sup>th</sup> December 2016
2. Presented a Paper in the National Seminar on “Recent trends in retail marketing” organised by K.E College Mannanam on 26 - 28 October 2016.

#### **Neethu Jose**

1. Presented a paper on “Related Party Transactions and its Legal Framework” in the National Seminar on “Financial markets and derivatives- Opportunities and challenges” organised by PG Department of commerce, K.E College Mannanam on 14<sup>th</sup> and 15<sup>th</sup> December 2016

#### **Prajod Sunny**

1. Presented a paper titled “Awareness and Perception about Commodity Derivatives Among Cardamom Developers in Idukki District” in the National Seminar on “Financial Markets and Derivatives – Opportunities and Challenges” co-sponsored by Mahatma Gandhi University and organised by Department of Commerce, Kuriakose Elias College, Mannanam on 14<sup>th</sup> and 15<sup>th</sup> of December, 2016.

#### **Dr. Rosamma Mathew**

1. Presented a paper on “Tourism A Key to Women Empowerment and Sustainable Development: A Study Based on the State of Kerala” in the National Seminar on Historic Perspective on Tourism Development and Environment in Idukki District of Kerala State at Newman College Thodupuzha, Feb. 2017.

### **Sijimol C. G**

1. Presented a paper on “**ICT Education Policy in the Changing Scenario**” in the two day National Seminar on the topic “Issues in Contemporary Public Policy” on 13 & 14 December 2016, organized by Research and Post Graduate Department of Economic, K.E College, Mannanam.

### **Tintu K.J**

1. Presented a paper Merchants, State and Society: An Analysis of the Syrian Christian and the Jewish Copper Plates (c. 9th – 13th century C.E) during the second annual session of the Kerala History Congress, held at Union Christian College, Aluva during December 20-22, 2016.
2. Presented a paper on “Amalgamation of Archaeology, History and Religion: An Analysis of the Syrian Christian Copper Plates of Malabar”, in the UGC sponsored Two Day National seminar on “Recent Trends in Archaeology with special reference to Kerala” jointly organized by the Department of Archaeology, Govt. of Kerala and Department of History, K.E College, Mannanam on 20th and 21st February 2017.

### **Dr. Mercy Mathews**

1. Poster presentation-National Seminar on Recent advancements in Photonics organized by Vimala College – February 14-15, 2017

### **Fr. Johnson Joseph**

2. Paper presented on Parental Attitude towards Inclusive Education, in National Level Seminar on *Inclusion of Persons with Disabilities* organized by Inter University Centre for Disability Studies, M.G. University, Kottayam and Alan T21 Welfare Trust, Changanassery on 17<sup>th</sup> December, 2016 at M.G. University, Kottayam.
3. Paper presented on Attitude Towards Inclusive Education among Parents of Normal Students. National Level Seminar on *Empowering Lives: Mental Health and Wellbeing in an Inclusive World* organized by Dept. of Psychology, Christ University Bangalore on 9<sup>th</sup> and 10<sup>th</sup> December, 2016.

### **Ms. Amala Paul**



1. Presented a paper on the topic Optimism, Self-compassion and Psychological wellbeing among parents of autistic and non-autistic children in a national seminar conducted in Christ University, Bangalore on 9th December 2016.

**Ms. Jessey John**

1. Topic: Women in Nation building, at St:Xavious college Aluva and the work got published
2. Topic: “Impact of media on Children at CMS College Kottayam.
3. Topic: “Professionalization in Social Work” Professional Social Workers) at BCM College Kottayam.

**Jayasree.M.T**

1. UGC Sponsored Seminar Based on III norms, 12<sup>th</sup> February 2015, K.E.College, Mannanam
2. Reforms in the insurance sector in India whether a boon or bane.,15<sup>th</sup> July 2015,N.S.S.College, Cherthala
3. Social Responsibility accounting ,19 August 2015,St.Dominic’s, kanjirappally

**Dr. Joyskutty Joseph**

1. Presented a Paper on ‘Vettilakkulla Vazhikal’ at national seminar organized by E K Nayanar Memorial Govt. College Kasarkod.

**ANNEXURE IV**

## RESOURCE PERSONS

### **International**

#### **Dr. A Jose**

1. Chaired a session in the International conference on Science, Technology and Management (ICSETM ) held at K.E College, Mannanam.

#### **Dr Brigit Paul**

1. Chaired a Session in the international seminar organized by St. Theresa s college, Ernakulam in collaboration with Kendriya Hindi Sansthan on 18<sup>th</sup> and 19<sup>th</sup> August 2016.

#### **Dr. Jesty Thomas**

1. Jesty Thomas, International Conference on Catalysis and Chemical Engineering (CCE-2017), The DoubleTree by Hilton, Baltimore, USA, 22<sup>nd</sup>-24<sup>th</sup> February 2017.
2. Jesty Thomas, International Conference on Science, Engineering, Technology and Management (ICSETM-2017), 8<sup>th</sup>-9<sup>th</sup> March 2017, Department of Mathematics, Kuriakose Elias College, Mannanam.
3. Jesty Thomas, International Seminar on Crossing Frontiers in Bioengineering and Tissue Culture, 10<sup>th</sup>& 13<sup>th</sup> February 2017, Department of Botany, Kuriakose Elias College, Mannanam.

#### **Dr. Sunny Joseph**

1. Session Chair of the International Conference on Science, Engineering, Technology & Management (March 8 – 9, 2017)
2. Conference Chair of the International Conference on Science, Engineering, Technology & Management (March 8 – 9, 2017)
3. Invited Speaker of National Conference on Advanced Computing and Communication Technology , Santhigiri College Vazhithla, 25, January 2017
4. Invited Speaker of International Conference on Researches in Science and Technology (ICRST- 2016) , Asian Institute of Technology, Bangkok, 29 – 30, December 2016
5. Invited Speaker of International Conference on Researches in Science and Technology (ICRST- 2016) , Linton University College Malaysia, 8 - 9 December 2016
6. Invited Speaker of Sriwijaya International Conference on Engineering , Science and Technology held at Santika Hotel, Bangka Island Indonesia, 8-10 November 2016

7. Session Chair of Sriwijaya International Conference on Engineering , Science and Technology held at Santika Hotel, Bangka Island Indonesia, 8-10 November 2016
8. Session Chair of Asian Mathematical Conference (AMC 2016) held at BNDCC, Bali Indonesia July 25-29 (2016).

**Dr. Jini Thomas**

1. Chaired a session in International conference on Science, Engineering , Technology and management organized by Dept. of Mathematics, K.E College, Mannanam- March 8-9, 2017

**Fr. Joby Joseph**

4. Chaired the session in the International Conference on Innovations in English Language Teachings and Literary Studies Held at Auxilium College, Vellore, Tamil Nadu on February 17, 2017.\

**Dr. Rosamma Mathew**

1. Chaired a Session in the Third International Kerala History Conference held on 26<sup>th</sup> – 28<sup>th</sup> November 2015 at CMS College, Kottayam .

**National**

**Dr. Sujarani Mathew**

1. Resource Person in National Seminar –Delivered paper on “Representation of Gender in Media” on 30-31, January 2017 at Govt College Kattappana.

**Dr Brigit Paul**

2. Resource Person in the one day seminar on Challenges faced by Contemporary Hindi Literature conducted by IQAC and K.E College Mannanam

**Dr. Jesty Thomas**

4. Jesty Thomas, National Seminar on Recent Advances in Materials Science, Government College, Nattakom, 10<sup>th</sup>-11<sup>th</sup> January 2017.

**Dr. Sunny Joseph**

1. Keynote Speaker of National Seminar on Discrete Mathematics and Applications (NSDMA 2017), organized by Centre for Studies in Discrete Mathematics (CSDM), Vidya Academy of Science & Technology, Thrissur, July 19 - 21, 2017
2. Keynote Speaker of National Level Workshop on Discrete Mathematics, organized by Department of Mathematics, University of Kerala, Thiruvanthapuram, June 5- 9, 2017
3. Invited Speaker of UGC Sponsored National Conference on Recent Trends in Fuzzy set theory, Christ College, Irinjalakuda, 16- 17, February 2017

#### **Dr. Mercy Mathews**

1. National Seminar on Recent advancements in Photonics organized by Vimala College – February 14-15, 2017

#### **Fr. Johnson Joseph**

1. Acted as resource person in a National Level Seminar on *Assessment and Management of Intellectual, Learning and Developmental Disabilities* organized by Dept. of Psychology, Union Christian College, Aluva on 9<sup>th</sup> and 10<sup>th</sup> February, 2017.

#### **Dr. A Jose**

1. Served as resource person in one day seminar on Academic Progression Index organised under the auspices of Progressive Federation of College Teachers at Kottayam.

#### **Mr. Tijo Mathews**

1. Chaired a session in a National seminar on financial markets and derivatives opportunities and challenges organized by the Dept. of Commerce, K.E College, Mannanam held on 14-15 December 2016.
2. Served as a resource person in a **National Seminar** on R-Programming sponsored by Indian Society for Technical Education (ISTE) organized by Mar Athanasius college of Engineering, Kothamangalam held on 21<sup>st</sup> to 23<sup>rd</sup> July 2016.

#### **State**

#### **Anitta T Manuel**

1. Resource person for the UGC NET Coaching programme conducted by the university Employment Information & Guidance Bureau

#### **Annmaria Jose**

1. Resource person Chrupuzhpam mission league Pala
2. Member in editorial board Kunjumissionary
3. Working as a subject editor in Students India Education Magazine

**Ms. Jessey John**

1. Kerala Higher Secondary school directorate and ICDS
2. One episode of programme “Kavala” on Athmeeya Yatra television.
3. Counselor at YWCA- Kottayam

**Mrs.Simple Renju**

1. Resource Person at Matha Nursing College, Thellakom.

**Ms.Chinnu Mohan**

2. ORC (Our Responsibility to Children) project under Social Justice Department of Kerala Government.
3. CAP at Campus Project.

**Dr. Sr. Shobhana**

1. As resource person for MBBS students in St. Johns medical college Bangalore on the topic of stress management on 8th of April 2017
2. Training on counseling skills on 22<sup>nd</sup> and 23<sup>rd</sup> of May at St. Johns medical college Bangalore
3. In the month of May 2017 from 15<sup>th</sup> to 19<sup>th</sup> training programme for teachers of international schools in Madurai.
4. As resource person for Training Programme on emotional intelligence, self-concept and assertiveness in Cluny Matriculation and junior college Students at Cheppumpara and Changanacherry 10<sup>th</sup> and 17<sup>th</sup> of September 2016

**Dr Jollyamma Mathew**

1. Served as Subject Expert for the selection of FDP-guest interview at St. Xaviers college, Kothavara.

**Dr. Sandhya C.**

1. Conducted evaluation of half yearly work progress of a PhD student towards her research work on 28-07-2016 at the Crop Physiology division, Rubber Research Institute of India, Kottayam

**Dr. Rosamma Mathew**

2. Inaugurated the Social Science Forum, BCM College, Kottayam on July 2015.
3. Inaugurated History Association, St. Mary's College, Manarcadu August 2015.

**Sijimol C. G**

1. Take orientation classes for NSS volunteers at School of Technology and Applied Sciences, Pullarikkunnu.

**Fr. Johnson Joseph**

2. Acted as resource person for Life Skills Training Programme for Higher Secondary School Students at St. Ephrem's Higher Secondary School, Mannanam, Kottayam on 12<sup>th</sup> February 2017.

**ANNEXURE V**

## **FACULTY INVOLVED IN CURRICULUM RESTRUCTURING**

Anitta T Manuel and Tincy Mol Mathew have participated in the workshop in connection with the syllabus restructuring of Computer Applications (UG) held at M.G University 16<sup>th</sup> march 2017, 18<sup>th</sup> May 2017

Dr. Cyriac Joseph

1. Member Core-Committee, (UG) Mahatma Gandhi University
2. Member Board of Studies (UG) Mahatma Gandhi University
3. Academic Council Member for Autonomous Colleges affiliated to Mahatma Gandhi University
4. Member, Curriculum Sub- Committee, SH College, Thevara
5. Member, Board of Studies(Economics), CMS College, Kottayam (Autonomous)

Ms. Rinu Jose, Ms. Amal Sharin T J, Ms. Mettilda George, Ms. Gincy Lukose V Participated in one day workshop on syllabus restructuring for undergraduate programme on April 11<sup>th</sup> 2017 at Baselius College, Kottayam.

Dr. Sr. Shobhana Member, Syllabus revision Committee for B.Sc. Psychology

Dr. Mathews T Thelly, Participated in a one day Syllabus revision workshop held at CMS College Kottayam on 15<sup>th</sup> April 2017.

Ms Theja Joseph

1. Participated in an Expert committee meeting in connection with syllabus revision held at M G University Kottayam on 2<sup>nd</sup> March 2017.
2. Participated in a one day Syllabus revision workshop held at CMS College Kottayam on 15<sup>th</sup> April 2017.

Dr. Brigit Paul

1. Two day Workshop on Restructuring of Curriculum and Syllabus of the Degree programme in Hindi On 03-03-2016 and 09-03-2016.

Dr. Jesty Thomas, Member of M.G. University Syllabus Revision Committee for the year 2017-2018.

Ms. Linta Maria Jose

1. Participated in the Syllabus Revision Workshop for B.Sc. Chemistry organized by Mahatma Gandhi University on 9<sup>th</sup> April 2016, at St. Thomas College Pala.

Dr. Sandhya C

1. Convenor, Expert Committee in Biochemistry (UG), MG University.
2. Member Expert Committee in Biochemistry (PG), MG University.

Jency Francis and Neethu Jose, were involved in syllabus revision workshop conducted by the Mahatma Gandhi University on 02-03-17 and 18-04-17

Dr. Jini Thomas has attended the PG Curriculum restructuring workshop at Assumption College, Changanassery

Fr. Johnson Joseph

1. Convener, Syllabus revision Committee for B.Sc. Psychology
2. Member Board of Studies (UG &PG) Psychology, M.G. University, Kottayam

Ms. Jesline Maria Martin Mamen and Ms. Chinchu Rani Vincent Member, Syllabus revision Committee for B.Sc. Psychology (involved in curriculum restructuring and syllabus revision).

Dr. Smitha. S is a member of Special Vigilance Squad of MG University.

Dr. Smitha .S , Dr. Dhannya P Joseph and Mr. Tijo Mathews have participated in the workshop in connection with the syllabus revision Core Committee meeting of UG programme held at MG University on 2<sup>nd</sup> March 2017.

Lt. Jobin Varghese has participated in the workshop in connection with the syllabus restructuring of UG programme held at MG University on 28<sup>th</sup> March 2017.

Dr.Sindhu.E.S has attended the Board of studies meeting (PG) in Acturial Science at Assembly hall, MG University held on 3rd June 2016.

Dr. Sindhu E.S and Lt. Jobin Varghese have participated in the workshop in connection with the syllabus restructuring of M.Sc Statistics/Statistics (Applied) held at Nirmala College Muvattupuzha.

Dr. Dhannya .P. Joseph and Dr. Smitha .S have participated in the workshop in connection with the syllabus restructuring of Statistics (UG) held at U.C. College ,Aluva on 18<sup>th</sup> April 2017.



Dr. Smitha.S and Dr. Sindhu.E.S is appointed as a member of Board of Studies –Statistics of C.M.S College, Kottayam.

Sijimol C.G and Tintu K J were participated in the Syllabus Revision Workshop for B.A. History organized by Mahatma Gandhi University on 10th April 2017, at N S S Hindu College Changanacherry.

Dr. Joyskutty Joseph Served as a Chairman for various University Examination. He also attended two curriculum restructuring workshop at University level.

Dr. Brigit Paul of Hindi department is a member of UG Core –Committee and also a member of Board of Studies.

**RESEARCH PUBLICATIONS****International journals****Dr. Sujarani Mathew**

1. “Language and Communication: Psycho-social implications of ELT”. *Cognitive Discourses*. Vol 4, Issue 1, July 2016.

**Mrs Jessey John**

1. Women in Nation building, Journal of Women Empowerment in St. Xavious College, Aluva

**Ms. Julia Punnackappadavil**

1. Skills of School Counselors, International journal of innovative Research and Development.

**Deepa Mary Joseph**

1. Abstract publication of the paper Synthesis of silver nano particles using Banana (*Musa sapientum*.L.cv.palyankodan) sap in proceedings of India International Science festival 2016.

**Dr. Jesty Thomas**

1. “Synthesis of Sm<sup>3+</sup>-doped Graphitic Carbon Nitride Nanosheets for the Photocatalytic Degradation of Organic Pollutants under Sunlight- Jesty Thomas, Ambili K.S, Radhika.S, Catalysis Today (Elsevier Publications, (In Press) DOI: 10.1016/j.cattod.2017.06.029).
2. Solar light driven photocatalytic degradation of organic pollutants using ZnO nanorods coupled with photosensitive molecules- Jesty Thomas, Radhika.S, Journal of Environmental Chemical Engineering (Elsevier Publications, Accepted).
3. Graphitic Carbon Nitride Coupled with Perylene Nanoparticles as Efficient Solar Photocatalyst- Jesty Thomas, Radhika.S, Minjoong Yoon, Molecular Catalysis, 433 (2017) 274-281.
4. Characterization and Optical Studies of the Hybrid Materials Synthesized by Covalently Linking Eu<sup>3+</sup> Ions, Para Amino Benzoic Acid and Titania- Jesty Thomas, Ambili KS,

Ann Mariya Baby, Soniyamol Sebastian, Journal of Applied Spectroscopy, 84 (1) (2017) 1671-1676.

5. Nd<sup>3+</sup> doped TiO<sub>2</sub> nanoparticles incorporated with hetero polyphosphotungstic acid: A novel solar photocatalyst for the degradation of 4-chlorophenol in water- Jesty Thomas, Radhika.S, Minjoong Yoon, Journal of Molecular Catalysis A: Chemical, 417 (2016) 146-156 (Elsevier Publications, Impact factor: 3.93).

**Dr. Rosamma Mathew**

1. An article on Tourism: sustainability and Empowerment of Women in Kerala: A Paradigm Shift in the International Journal of Development Research, May 2017 (Not yet received the journal).

**Sunny Joseph Kalayathankal**

1. Sunny Joseph Kalayathankal, John T Abraham, A Fuzzy Decision Making Approach to SLCM Selection, International Journal of Civil Engineering and Technology, 8(6) 2017, 178-185.

**Dr. Jini Thomas**

1. Crystal growth, structural, thermal and optical studies of a new nonlinear coordination complex of cerium with malonic acid, Optik - International Journal of Light and Electron Optics . 127 (2016) 2197-2201.

**Ms. Jesline Maria Martin Mamen**

1. Published an article titled Happiness in Psychology and Behavioral Science International Journal on May 2017.

**Ms. Aleena Maria Sunny**

1. Published research article titled Feasibility of Home-based Attention Retraining on people with Traumatic Brain Injury in International Journal for Indian Psychology on December, 2016.

**Fr. Joby Joseph**

1. Published a paper in the International Journal of Multidisciplinary Researches (ROOTS) on *Quest for Identity: Postcolonial Representations in Joseph Conrad's Heart of*

*Darkness and Edward Said's Orientalism*. Vol.2 Issue 4, January 2016, ISSN-2349-8684.

2. Presented and published a paper on *Re-mapping the Oriental world: A Postcolonial Reading of Joseph Conrad's Heart of darkness based on Edward Said's Theory of Orientalism*. International Conference on Social Perspectives in Contemporary English Literature. Department of English, Mangayarkarasi College of Arts and Science for women and Roots International Journal of Multidisciplinary researches, 10 September, 2016, Vol : 3 special issue : 4, ISSN : 2349 – 8684, ISRA – Impact Factor : 0811
3. Published a Paper on *A Postcolonial Construction of Joseph Conrad's Heart of Darkness in the Light of Edward Said's Orientalism*. International Conference on Innovations in English Language Teaching and Literary Studies. Department of English, Auxilium College, Vellore, Tamil Nadu and Roots International Journal of Multidisciplinary Researches, 17 February, 2017 Vol. 3, Special Issue: 6, ISSN: 2349-8684, ISRA – JIF Impact Factor : 0.811

### **National**

#### **Dr Antony Thomas**

1. Financial Literacy and Personal Financial Planning: A study of bank Employees in Kerala, Financial Markets in India, Pratibha Publications, ISBN: 978-93-85567-77-3
2. Personal Financial Management Capability of Bank Employees in Kerala, New Numbers and Letters -An Interdisciplinary Research Journal Volume 5 Issue 1 December 2016, ISSN 2320-8317.
3. Technology handling capability of Customers and front line Staff: The key determinants to Customer Relationships in the Modern Banking Services- Evidence from Kerala, Vol. 7 Issue 1, January - 2017, pp. 39~53 ISSN(o): 2231-5985 | Impact Factor: 5.861 | Thomson Reuters Researcher ID: L-5236-2015 International Journal of Research in Finance and Marketing (IJRFM)

#### **Ms. Rinu Jose**

1. "Growth and Instability in the production of Turmeric in India" , New Numbers and Letters, Vol. VII, Dec 2016.

**Ms. Mettilda George**

1. “Role of Micro Finance in Empowering the Women” paper published on New Numbers And Letters. Vol VII Issue; 1 December 2016.

**Mrs. Jessey John**

1. Professionalization in Social Work, KAPS (Kerala Association of Professional Social Workers) journal.

**Dr. Jollyamma Mathew**

1. Antibacterial and antifungal activities of *Andrographis paniculata*; Jollyamma Mathew and Sandhya C. New Numbers and Letters-An Interdisciplinary Research Journal, 7, 1, **2016**. ISSN 2320-8317.

**Dr. Jesty Thomas**

1. Visible light active graphitic carbon nitride heterostructures- A concise review, Jesty Thomas, Radhika.S, Technology and Future, 2017 (Accepted).
2. Visible light active ZnO nanostructures- A short review, Jesty Thomas, Radhika.S, New Numbers and Letters (ISSN no: 2320-8317), 7 (2016) 60-64.

**Dr. Shyla George**

1. Evaluation of Antioxidant and Antimicrobial properties of gold and silver nanoparticles Dr Shyla George, New numbers and letters **2016**, 7, 27. ISSN 2320-8317.

**Dr. Rosamma Mathew**

1. An article on Women Issues A Holistic Study in New Numbers & Letters An Inter Disciplinary Journal ,Kuriakose Elias College, Mannanam,vol VII Issue 1 ISSN. 2320-8317 December 2016

**Sijimol C.G**

1. An article on “Women Empowerment through ICT” in the Proceedings Envision: A Holistic View on Empowering Women , published by by Authorspress, New Delhi 2017 (ISBN 978-93-5207).

### **Sunny Joseph Kalayathankal**

1. Susanth C, Sunny Joseph Kalayathankal, N K Sudev, J. Kok, A Note on the Rainbow Neighborhood Number of Certain Graph Classes, National Academy Science Letters – 2017, Accepted for publication.
2. Susanth C, Sunny Joseph Kalayathankal, N K Sudev, J. Kok, Some New Results on the Rainbow Neighborhood Number of Graphs, National Academy Science Letters – 2017, accepted for publication.
3. Operations on Independence Numbers of Certain Graphic Classes, Accepted in Journal of Discrete Mathematical Sciences and Cryptography
4. Some New Results on Curling Number of Graph, Accepted in Journal of Combinatorial Mathematics and Combinatorial Computing.
5. Sunny Joseph Kalayathankal and Joice Kurian, Sixteenth Centuary European Mathematics, Centum, Volume 9(1), 2016

### **Dr. Jini Thomas**

1. Electrical and dielectric behavior of  $\text{Na}_{0.5}\text{La}_{0.25}\text{Sm}_{0.25}\text{Cu}_3\text{Ti}_4\text{O}_{12}$  ceramics investigated by impedance and modulus spectroscopy, Journal of Asian Ceramic Societies, 5 (2017) 56–61.

### **Dr. Jaiby Joseph**

1. Indian Neutrino Observatory- A feasible underground nuclear detector for precision determination of neutrino oscillation parameters, APT Tunes, May 2017
2. Published An op-ed column in THE HINDU titled '*The Neutrino Opportunity*' – June 8, 2017

### **Dr. Feby Jose**

1. Preferentially oriented electron beam deposited TiN thin films using focused jet of nitrogen gas, Surface Engineering June 2013 DOI: 10.1080/02670844.2016.1159832

### **Dhannya P Joseph**

1. Multivariate Extended Gamma distribution, *Axioms*, 2017,6(2)

### **Sr. Jessy Joseph Kavumkal**

1. Variation in the Composition of Volatile Aroma Compounds From the Flowers of *Jasminum sambac* in Response to the Attack of *Hendecasis duplifascialis* (Lepidoptera:

Pyraustidae) Jessy Joseph, Cyril Augustine, D. K. Jose and D. Ambikadevi, Journal of Biology and Nature 7(3): 112-117, 2017ISSN: 2395-5376 (P), ISSN: 2395-5384 (O), (NLM ID: 101679666)

2. Pests of Jasmine (*Jasminum sambac* (Ait.)Sr. Jessy Joseph Kavumkal, Dr. Jose D K, New Numbers and Letters, 7: 37-40, December 2017ISSN 2320-8317

### **Brigit Paul**

1. Malayalam lori mein pravahit vatsalyaras, edited book –Loksahitya mein Lori by Dr. amarsingh Wadhan&Dr. Gurcharansingh Kochar, Abhishek Prakashan, New Delhi, 2016 , ISBN 978-81-8390-178-9
2. Sansmaran: Anhbhav ka Satya Edited Book-by Hindi Gadya ki naveen Vidhayen, Dr. Amarsingh Wadhan & Dr. Suma T. Rodenvar, Abhishek Prakashen, New Delhi, March 2016

**BOOKS PUBLISHED**

**With ISBN No**

**Brigit Paul**

1. Dr. AarsinghwaadhankiAalochanaDristi, Abhishek Prakashan, New Delhi, 2016,  
ISBN: 978-81-8390-177-2

**Jayasree**

1. Anthology of Contemporary Research Studies, Prathibha Publications, Changanacherry.  
ISBN: 978-81-907782-61
2. Corporate Governance: Challenging Phases in the modern EraText: New Numbers &  
Letters- ISSN: 2320-8317

**Dr Antony Thomas**

1. Web Designing and Production for Business – June 2016, ISBN: 978-93-85567-67-4
2. Financial Markets and Services – June 2016, ISBN: 978-93-85567-33-9
3. Computerised Accounting – June 2016, ISBN: 978-93-85567-68-1
4. Business Regulatory Framework – July 2016, ISBN: 978-93-85567-76-6
5. Financial Markets in India, Pratibha Publications, January, 2017, ISBN: 978-93-85567-77-3

**Sr. Jessy**

1. Sr. Jessy Joseph Kavumkal ‘Nithyatha Theerkunna Nimishangal’ (Kavitha  
Aswadhanam)

**Dr. Joyskutty Joseph**

1. Sahithyam: Vayanayum Vimarshanavum, published by Pusthakabhavan, ISBN:978-93-  
84110-37-6,.
2. kattunjavai, published byJoseph Nedupuram Foundation.

**Edited Books**

**Jency Francis**

1. “Financial Markets and Services” Co-authored by Dr. Antony Thomas, Pratibha  
Publications, July 2016,ISBN-978-93-85567-33-9



**Divya Joseph**

1. “Financial Markets and Services” Co-authored by Dr. Antony Thomas, Pratibha Publications, July 2016, ISBN-978-93-85567-33-9

### DETAILS OF PLACEMENT

The placement activity is primarily managed by the Placement Cell.

The placement cell of the College helps each student in exploring placement opportunities by inviting various companies for campus recruitment of students who are in the final year of the programme and are likely to graduate at the end of the academic year.

The placement Cell conducted a Mega Job Fair at the College in consultation with Apt Vision Online Service Pvt. Ltd. on 23 July 2017 in which major companies participated including popular Hyundai, Amritha Hospital, Joy Alukkas, Axis Bank, Paragon etc. participated and many job seekers were placed in various companies.

The following students were placed during the academic year.

#### WIPRO

1. Athira S
2. Aiswarya R
3. Joflin George
4. Neha Jose
5. Sanjana John
6. Vani B Nair
7. Liji Philip
8. Sreedevi B

**Dr. Antony Thomas**

*Signature of the Coordinator, IQAC*

**Rev. Dr. Benny Thottanany**

*Signature of the Chairperson, IQAC*

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