



# KURIAKOSE ELIAS COLLEGE MANNANAM

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

## ANNUAL QUALITY ASSURANCE REPORT (AQAR) for the year 2015-2016

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)*

2015 - 2016

#### 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:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

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)

1.5 Website address:

Web-link of the AQAR:

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

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**

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)

**Vocational Courses (B.Voc)**

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

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme  DST-FIST

UGC-Innovative PG programmes  Any other (*Specify*)

UGC-COP Programmes

**2. IQAC Composition and Activities**

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:  Faculty

Non-Teaching Staff

Alumni

Others

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

No

If yes, mention the amount

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.**

**The teaching and learning activity is closely monitored by feedback system and result analysis after the performance every semester.**

**The research activities were furthered by sponsoring various seminars conducted by the different departments of the college. Teachers hitherto not having registered for research were instigated to begin with their doctoral programme.**

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
<p>The Teaching and Research activities of the college was to be monitored properly.</p> <p>Update the website of the college</p> <p>Take up more student centered activities and also to improve the social initiatives headed by various departments of the college</p> <p>To activate the environment friendly projects of the college.</p>	<p>New feedback forms and assessment format was instituted. The academic performance of the students were also verified meticulously by constant evaluation and university result analysis. Also a number of national seminars and workshops conducted by the departments in the academic year.</p> <p>The college has started its work on collecting and updating the information of the activities of the teachers and research performance from the various departments</p> <p>The Student organised Fests, Fair and Exhibitions were directly related to the public interests and inculcated a social commitment in the teeming students. More extension activities were planned under the guidance of the heads of each department.</p> <p>The science batches, especially the botany and zoology departments were keen on improving the nature friendly aspect of the college. Nature camps were held on a regular basis by all the departments of the college to improve the attitude of the students towards nature and environment.</p>

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 01/02/2017 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	<b>03</b>			
PG	<b>11</b>		<b>06</b>	
UG	<b>14</b>		<b>04</b>	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	<b>07</b>			
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  Employer  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 2015- 16**

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

NA

## **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>	-	-

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>10</b>	<b>8</b>								

2.4 No. of Guest and Visiting faculty and Temporary faculty

**58**

**4**

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	<b>23</b>	<b>52</b>	<b>10</b>
Presented	<b>12</b>	<b>18</b>	<b>5</b>
Resource Persons	<b>3</b>	<b>4</b>	<b>5</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:

We believe that pedagogy is equally crucial along with a well framed syllabus. A number of measures adopted by the various departments of our college have been proven to be effective. Here, we would like to give a brief description of our initiatives/activities. Holistic development of our students is our priority.

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 is always committed to meet this challenge of imparting proper learning experience to its learners through an array of teaching techniques and aids. Classroom learning is made lively using charts, models, specimens etc. Power point presentations are also used wherever necessary to help the students understand biological processes clearly and to acquire latest information on the topic. Practical classes are also conducted in this manner to minimise the use of lab animals. 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. This year an invited lecture on 'Biodiversity of spiders' was conducted by an ardent researcher in this field in order to expand the knowledge span of students beyond the usual curriculum. Hands-on experience is provided to the students in various aspects like sampling techniques, insect collection and preservation, vermicomposting etc. Field visits are conducted to enhance the learning experience of the students. Apart from this, group learning is promoted where the weak students are helped by their peer who excel in studies. The students' noticeboard of the Department also helps them to share the latest developments in the field of science. Presentations are done by the students on scientifically important days which help them to update their knowledge on relevant issues. Question banks are prepared for each subject and discussed in classrooms as and when required. In addition answer keys are also distributed.

History department adopted various methods for teaching and learning. Connect

their subjects with real life situations and connect stories with the topics. They have also promoted interactive sessions and group discussions. Department dictate notes and used flash card systems. Also used digital aids i.e. power point presentations, gave assignments, projects and seminars. Take Remedial Coaching and Scholar Support Programme to the poor students.

In Maths department teaching learning and evaluation 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 they 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.

The Teaching and Learning Environment in the English department is very learner oriented and with a strong belief in the aptitude of the students for learning the language and literature. Students are given extra material for preparation of seminars. They are divided into groups and also made to give presentations in class to improve their extensive knowledge in the subject.

The commerce 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 projectors. 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 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.

The department of economics employs various teaching- learning methods such as interactive method, group discussions, assignments, seminars and projects. Seminars and lectures by eminent persons of the profession 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.

In statistics department PG classes are handling with multimedia support. Department Provide study materials for PG students. Conducts workshops on latest

Statistical packages such as SPSS, R, Mathematica etc for our students every year. Self assessment for students on their presentations and seminars, and carry out useful statistical analysis based on that data. Give classes based on Coursera , Edx , and TED.

In Psychology department, Techno pedagogy is adopted for teaching learning practices. Audio-visual aids are used, computer assisted teaching, Online TED TALKS are presented in the class room. Participatory learning is practiced. Remedial coaching is given to under achievers. Seminars and assignments to promote critical and creative thinking skills .

Computer department collects written feedbacks from the stake holders about the effectiveness of the teaching learning process carried out in the department and necessary changes are incorporated in the working of the department. The progress of the students is evaluated in the presence of their parents – open house evaluation is arranged after each terminal examination.

In Botany department 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 and 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. Peer learning is promoted within and outside the class.

The Teaching and learning in MSW department is typically accomplished through course of study, lesson plan and practical skills. The teachers also prepared to implement subject-specific research based instructions to promote academic growth in students. They assist for intervention programmes and student support services that focus on social and emotional development of students. The department also enhance classroom teaching and students learning through specialised expertise. The department encouraged students to participate in various inter college competition including national and international seminars, paper presentations etc. Field work and block placement are also enlighten the students for the application of social work theory into practice. The department organised Seminars, workshops ,and different personality development classes by eminent persons augment the students for their educational growth. Apart from curriculum teachers are also guide students to observe important days, organize socially relevant activities and conduct various programmes. The teachers also assist in learning's outside of the classroom by accompanying students on field trips. The teaching and learning approaches are however highly personalised with a view to optimizing the overall output of the social work students. Faculties guided group study and creative discussion session help the students to be actively engaged in the teaching and learning process.

Chemistry department have a computer lab, as a part of the department. Internet connection is also made available for 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, teacher guide the students with study materials and demonstration to impart -learning both theory and practicals 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. The brighter students of various batches are given remedial classes to weaker 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, Online Multiple Choice Questions)

Performances are assessed by Continuous Evaluation Process as per curriculum guidelines. Progress of the students is evaluated on a continuous basis. 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 performance is discussed with the parents individually through open evaluation system. PTA meetings of each class were organized by class teachers once in an academic year.

Examination/evaluation process by some of the departments is mentioned below.

In Zoology department regular evaluations are done both orally and in the form of class tests which helps to assess the students and to obtain feedback on the scope of improvement of teaching. Remedial coaching is provided to those required. We have also adopted open book examination and peer evaluation. Question banks and answer keys 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.

In Botany department Semester system with Continuous Internal Assessment is followed. 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.

Department of Mathematics conducts daily test papers for final year B.Sc. students 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 teachers identifies the slow-learners of each class and remedial coaching class was arranged for them with special focus on SC/ST.

**In English department a reformative method was adopted last year in the valuation of answer scripts. Since valuing of bulk papers for English was time consuming, a change was suggested in a new approach of Double valuation—one by the students themselves initially and later by the teachers. This ensured accuracy in valuation of answer scripts in internal test papers.**

**Department of Chemistry implemented Open book Examination system for conducting the internal examinations for the M.Sc. Analytical Chemistry Students.**

**In Economics department the internal examinations are conducted 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.**

**In the department of MSW examinations and evaluations are done by making a thorough assessment of internal and model examination held for each paper and also there is an evaluation of the field work based on overall performance of the students in all the practicum requirements. Department conducted fruitful discussions related to previous question papers and issues related to current affairs in relation with approaches of social work theory into practice. For all the university exams the Teachers used to act as invigilators and external examiners. The evaluation is also based on different training programmes, workshops and skill development activities provided by our department.**

**In Statistics department teachers analyse the performance of students by conducting test papers after the completion of each module and arranged Remedial coaching for weaker students. After model examination, department arranged PTA meeting. Question banks for each paper are kept in the department and made available to the students. Faculty feedback is collected from students at the end of each semester.**

**In commerce department performance is evaluated through internal examination conducted on a regular basis and the progress is evaluated on a continuous basis. Remedial coaching is provided to the needy students. The class teacher assesses the progress of the students in the presence of parents. The class teacher identifies slow learners and provides them with necessary coaching.**

**History department provides photocopies of Question paper. Also conducts exams twice in a week.**

**MA English and Statistics department conducts open book examination**

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

24		
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**\*Annexure V Faculty Involved in Curriculum Restructuring**

2.10 Average percentage of attendance of students

**84 %**

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	<b>40</b>					<b>62.5</b>
M.Sc Maths	<b>19</b>					<b>57.9</b>
B.Sc Physics	<b>36</b>					<b>64</b>
M.Sc Physics	<b>11</b>					<b>73</b>
B.Sc Chemistry	<b>15</b>					<b>87</b>
M.Sc Chemistry	<b>30</b>					<b>63</b>
B.Sc Botany	<b>32</b>					<b>40</b>
B.Sc Zoology	<b>29</b>					<b>41.37</b>
B.Sc Computer Application	<b>29</b>					<b>37.93</b>
M.Sc Statistics (Applied)	<b>15</b>					<b>100</b>
B.Sc EEM	<b>15</b>					<b>40</b>
B.Sc Psychology	<b>36</b>					<b>75</b>
B.A English	<b>37</b>					<b>51.6</b>
B.A Economics	<b>36</b>					<b>47</b>
M.A Economics	<b>15</b>					<b>Result awaiting</b>
B.A History	<b>15</b>					<b>53</b>
B.Com	<b>49</b>					<b>67.35</b>
M.Com	<b>17</b>					<b>Result awaiting</b>
B.Voc						<b>New Batch</b>
M.SW	<b>29</b>					<b>Result awaiting</b>

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

**The IQAC has introduced a new Personal Feedback Form for the teacher this academic year. Every teacher is to record the evaluation of the students of each class he /she teaches and the result is to be analysed. 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. The IQAC along with the management has constituted a cell to visit each department to monitor the progress in teaching learning process in the college.**

## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	<b>11</b>
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	<b>7</b>
Faculty exchange programme	
Staff training conducted by the university	<b>9</b>
Staff training conducted by other institutions	<b>7</b>
Summer / Winter schools, Workshops, etc.	<b>11</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>10</b>	<b>02</b>	<b>02</b>	-
Technical Staff	<b>12</b>	-	-	-

## 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. Total number of ongoing projects in the college is one major projects and more than 12 minor projects. 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.**

**Both faculty and students of physics department are actively involved in research activities. At present the department has completed one major research project and there are 2 ongoing minor research project . Majority of the faculty members have applied for major/minor research projects to various agencies**

**Dr. Jaiby Joseph has research collaboration with Indian Neutrino Observatory (INO) which will lead to major research opportunities both for faculty as well as students. Research oriented projects are given to PG students to introduce them into the field of active research.**

**Dr. Jollyamma Mathew, and Dr. Jesty Thomas, of Chemistry department are working as research guides, from the MG University. Currently the department has two completed major and one ongoing major project. The Department has three ongoing minor projects funded by UGC, DST and KSCSTE. Three research fellows are working in three different major projects. The faculty members of chemistry have presented several research papers in Various international and national conferences and they have published research papers in both international and national Journals**

**The Research and Post Graduate Department of Economics is one of the most prestigious academic centres of learning Economics in Kerala. Presently the department has 2 research guides (Dr. Cyriac Joseph & Dr. Jose. A) and 10 research scholars are actively pursuing research under them.**

**The department of Commerce is providing a conducive environment for the research activities. Both degree and P.G students are undertaking research projects as part of the curriculum. The teachers holding Ph.D guide the students which is an encouragement for the students to undertake research. The teachers are also encouraged to undertake minor**

and major research projects. The faculty members in the Department of Commerce are actively involved in publishing research articles in Books, International and National journals. Also arranges research discussion with research holders.

In the English Department, Dr. Sujarani Mathew has got recognition as research guide and is guiding Ph.D scholars on various topics of relevance like media studies National gender concern and adaptaion studies. All the Faculty of English seminar on literature and are interested in publishing reseach article.

Dr. Sunny Joseph Kalayathankal of Mathematics Department is an Research Guide in Mahatma Gandhi University. He has already Guide ship in Karpagam University and Bharathiar University of Tamil Nadu. He has 5 research scholars working under his guidance.

The Department of history has two research guides, Dr. T. M Mathew and Dr. Rosamma Mathew. Two research scholars are working under them. Currently the department has one ongoing minor project.

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	1		
Outlay in Rs. Lakhs	52	24.6		

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	9	13		
Outlay in Rs. Lakhs	10.5	19.44		

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	29	21	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	2	9	2

#### \* 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	3	UGC, DST, KSCTE	76.6	41.5
Minor Projects	2	KSCSTE, UGC	23.24	14.10
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other (Specify)				
Total			99.84	55.15

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

- **Psychology Department collected 2.5 lakhs in order to organize national seminar**
- **Internal revenue of Rs. 8500 collected by faculty from counselling and consultancy service by psychology department**

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		5	4		
Sponsoring agencies		UGC	College		

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
11	4	3		4		

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

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

**Department of Economics conducted a program “Mannanam 2030” on July 25, 2015 at K.E College and also Medical College Township Zone Development Feasibility seminar was conducted on September 12,2015 at KVM Auditorium, Arpookara. Dr. A Jose, Associate Professor of the department was the coordinator of the seminar, 150 people from Mannanam participated in the programme and discussed about the development potential and the issues to be addressed in Mannanam locality.**

**In department of Botany , tree saplings were planted in the college campus as the part of endeavor towards greener campus. Identifying and naming of plants were also done as a service to the neighborhood people and institutions. 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 workshop on “Horticulture techniques, Mushroom cultivation and Dry flower arrangement on September 22<sup>nd</sup> 2015 through which hands-on training was given to open course students of the college and III Year students in the following aspects as part of their curriculum Mushroom cultivation and Different horticultural practices such as budding, grafting, layering etc.**

**Zoology department conducted a life skill training program for the open course students of the department which was much appreciated by the students. In order to inculcate love and care for pet animals the Department conducted a photography competition named ‘Petfie- Selfie’ with pets, which was open to all staff and students of our college. The department maintains a vermicomposting pit for the efficient recycling of biodegradable wastes.**

**Department of History have interaction and linkages with AmmaVeedu (an Orphanage), Thellakom, Providence Home (Home for destitute), Gandhinagar, Kottayam and Sahrudaya, School for Mentally Challenged at Villoonni.**

The English department conducts the extension activity by giving training in language to students of the upper primary school in the neighborhood. The language skills in listening reading and speaking is improved through through this activity. The student also take part actively in the social service programmes held by the NSS of the college. A student of the department was the Secretary to the NSS last year.

Department of Chemistry has initiated efforts towards the analysis of soil in the nearby areas by utilizing the available facilities. 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.

Psychology department conducts Regular Institutional visits such as NavaJeevan, institution for mentally challenged, AbroBhavan, instition for the aged, Providence home, institution for the children and mentally challenged. Department also conducts village counselling Programme-Grama Manas, School counselling programme and Life skills development Training programme.\_B.Sc. first year students took an initiative in Tribal village exposure and social service in Attapady . Department provide Trauma Counselling service for the victims of Paravur fire crackers tragedy in Kollam districts.

As a part of social responsibility students of MA English visited Alphonsa Snehanivas Children's home ,Kurumpanadom, Kottayam and provided them with study materials like books, pens, pencils etc.

MSW department developed an association named KEDAS Kuriakose Elias Development Action and Service vision is to fulfill our social commitment by enhancing lives through benevolent service. And mission is to reach out to those in need of hope, support, em- powerment and help them to lead a life of dignity.

Department of Computer Application conducts START UP extension activity by giving training in basics of computer to students of high school in the neighborhood.

Statistics department conducted special coaching in Mathematics to the students of St. Ephrem's High School, Mannanam during the academic year . An inter departmental quiz competition was conducted by our department as a part of National Statistics Day Celebrations on 29th June 2015. Statistics Association organized a talk on " Monte Carlo Simulation" by Dr. Sebastian George Associate Professor in Statistics, St Thomas College, Pala on 7/08/2015.

## **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.		2		
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>5931</b>		<b>7</b>		<b>5938</b>	
Reference Books	<b>45535</b>		<b>653</b>		<b>46188</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>250</b>		<b>20</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	<b>172</b>	<b>02</b>	<b>160</b>	<b>02</b>	<b>01</b>	<b>03</b>	<b>19</b>

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	<b>3,20,000</b>
ii) Campus Infrastructure and facilities	<b>25,00,000</b>
iii) Equipments	<b>4,80,000</b>
iv) Others	<b>2,00,000</b>
<b>Total :</b>	<b>35,00,000</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 freshers 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
1553	313		-

(b) No. of students outside the state

08

(c) No. of international students

03

Men

No	%
838	48

Women

No	%
1028	52

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
998	172	22	46	4	1238	1559	198	26	83		1866

### 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 Ist Year students of the Degree batches and is 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 offcampus. 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

5.5 No. of students qualified in these examinations

NET	<input type="text" value="4"/>	SET/SLET	<input type="text" value="2"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="5"/>

5.6 Details of student counselling and career guidance

The college has a counselling centre, where the counsellor Dr. Thankamma meets students every Wednesday from 10am to 4 pm. The counselling centre is open and free for all students, parents, faculty and non-teaching staff. In 2015-2016 320 sessions were arranged and 140 students met the counsellor for counselling and advice. The counsellor ensure follow up and make sure that the student recover from their anxiety and other problems.

The career cell of the college functioned under the guidance of Ms. Rinu Jose, Mr. Rony George and Dr. Jini Thomas. The career cell conducted an intensive training programme on “Group Discussion and Interview Techniques” for the final year degree students, with the assistance of MG University on 23<sup>rd</sup> January 2016. The resource person was Mr. Gee Varghese. The students give a very positive feedback on the programme. Prof. Rony George conducted several session to impart Group Discussion Technique and interview tips to the final year Students in collaboration with the Placement cell.

Seminar on “ Career Opportunities in the Life Insurance Sector” was conducted on 18<sup>th</sup> march 2016. The resource person was Mr. Varghese Abraham, LIC Development Officer, Kottayam. Seminar on “Research Opportunities in Scientific Institutions” was conducted on February 2016. The Career cell was very keen to clarify the career doubts of the students, regarding the future career prospects and higher education opportunities. The Career cell is also profitably running a Photostat and DTP centre

No. of students benefitted

240

### 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
09	140	33	-

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

### 5.8 Details of gender sensitization programmes

The activities of the Womens Forum 2015-16 began officially by Constituting the Executive council on 02-8-2015. The teachers in charge of the forum were Dr Sandhya C , Department of Biochemistry, Dr Sujarani Mathew Department of English, Ms Theja Joseph Department of Botany, Ms Shyla Department of Chemistry and Ms Nisha Maria E G, Department of Zoology .The student office bearers were Ms Keerthi Sebastian , Department of English ( President) and Ms Tomsy Thomas, Department of Botany (Secretary). The representatives of each class to the Women’s Forum were also selected during the meeting. The formal inauguration of the forum was conducted on 28-9-2015 with Smt. Rosakutty Chairperson, Kerala state Womens Commession as the chief guest. She delivered a talk on the issues regarding women commonly found in Kerala state. Womens forum also organized a lecture on the topic " Growing up Gracefully" delivered by Dr. Sissy Joseph, Assistant Professor ,Government college of Nursing, Kottayam on 3-11-2015. The lecture gave an insightful account of the various socio-psychological problems faced by the teenaged girls in the society.

### 5.9 Students Activities

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

State/ University level

50

National level

2

International level

No. of students participated in cultural events

State/ University level

16

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	<b>26</b>	<b>92,000</b>
Financial support from government	<b>114</b>	<b>14,65,496</b>
Financial support from other sources	<b>8(Alumini)</b>	<b>42000</b>
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

**Teaching learning and evaluation in Maths 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 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. Bridge courses are arranged by the department to fill the gap between the current knowledge level of the students and their prescribed syllabus**

**Each batch of students under the physics and electronics departments are allotted a**

**class teacher. Individual care is given to all students. Attendance of all student 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 where students are able to interact with experts**

**In psychology department various methods were adopted in the teaching and learning processes. Participatory learning, tutorial class for the low performers, using LCD and computer assisted teaching**

**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 computersystems and internet facilities available in the department for their academic as well as project related enquiries.**

**In commerce department 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.. Students are also encouraged to use the department library. Teaching and learning is facilitated through projectors. Seminar, viva voice, assignments etc are arranged to enlighten the students and facilitates overall development.**

**The English department library was revamped by more books being added to the collection. The English stacks section of the College library was also improved by suggestion from the department as to required books for undergraduate and postgraduate students. This has led to an increase in reading and borrowing of books in the library.**

**In zoology department regular classroom learning is done with teaching aids such as charts, specimen etc. 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. Field trips are also conducted to provide hands on experience and training to students. Peer group learning is also promoted by dividing the students of each class into smaller groups of 8-10 and discussions and presentations are held. Students are also encouraged to share their knowledge and recent developments in the subject on studentnoticeboard thereby contributing towards the learning process. Apart from the structured curriculum students are given assignments on special topics related to it and common seminars were conducted for all students of the department. Students are encouraged to do Power point presentations on scientific topics. Department also arranged lectures of eminent resource persons for enriching the students.

Chemistry department is adopting ICT based Teaching and Learning design in our department. We have a computer lab ,as a part of our department. Internet connection is also made available for the students. Students are given opportunities to develop basic computer skills like Microsoft office. The Degree and Post graduate students make use of the computer lab for their assignments and dissertation works. Chemistry software's such as Chems sketch, Chem Draw, GAMESS are made available and students are given instructions to familiarise these softwares.

In addition to formal class room instruction, teacher guide the students with study materials and demonstration to impart -learning both theory and practical's of chemistry. 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 Remedial coaching for our students. The brighter students of various batches are given remedial classes to weaker students for Mathematics and Physics. Every batch of students are given individual care by the class teachers. Students are given training to develop their interpersonal skills

In Botany department 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 Students have to present their seminar by power point presentation. Students are categorized into different groups and each groups are 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.

In Computer department different methods were developed in the teaching and learning process. We have a computer lab and projector facility as a part of our department. Students have permission to work with computer and develop their programming skill.

The Teaching and learning in MSW department is typically accomplished through course of study, lesson plan and practical skills. The teachers also prepared to implement subject-specific research based instructions to promote academic growth in students. They assist for intervention programmes and student support services that focus on social and emotional development of students. The department also enhance classroom teaching and students learning through specialised expertise. The department encouraged students to participate in various inter college competition including national and international seminars, paper presentations etc. Field work and block placement are also enlighten the students for the application of social work theory into practice. The department organised Seminars, workshops, and different personality development classes by eminent persons augment the students for their educational growth. Apart from curriculum teachers are also guide students to observe important days, organize socially relevant activities and conduct various programmes. The teachers also assist in learning's outside of the classroom by accompanying students on field trips.

The Department of History employs various teaching methods, such as group discussions, assignments, seminars and projects.

The Department of B.Voc has been following modern teaching methods for providing conceptual clarity to students. Teaching is aided by LCD projectors to provide the much needed visual experience to understand various technological resources, system and processes.

### 6.3.3 Examination and Evaluation

In Zoology department regular evaluations are done both orally and in the form of class tests which helps to assess the students and to obtain feedback on the scope of

**improvement of teaching. Remedial coaching is provided to those required. We have also adopted open book examination and peer evaluation. Question banks and answer keys 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.**

**Psychology department conducts monthly class tests and evaluation conducted in every class. Teachers used to act as invigilators and external examiners for the university exams.**

**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.**

**Examination and Evaluation of Commerce department is being done by continuous assessment of 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. Two internal examinations were conducted both for degree and Post Graduate students. Remedial coaching for weak students, special coaching to bright students and NET coaching are also provided. Students are also provided with soft skills training, GD and interview training etc.**

**Department of B.Voc conducts two internal examination. Progress of the students is evaluated on a continuous basis. PTA meeting of each class were organized by class teachers once in an academic year.**

**Teachers in the maths department have served as external examiner for conducting various university examinations. Teachers are also involved in Centralized Valuation Camps.**

**In chemistry department performances are assessed by Continuous Evaluation Process as per curriculum guidelines. Progress of the students is evaluated on a continuous basis. 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. Department of Chemistry implemented Open book Examination system for conducting the internal examinations for the M.Sc. Analytical Chemistry Students.

In the department of MSW examinations and evaluations are done by making a thorough assessment of internal and model examination held for each paper and also there is an evaluation of the field work based on overall performance of the students in all the practicum requirements. Department conducted fruitful discussions related to previous question papers and issues related to current affairs in relation with approaches of social work theory into practice. For all the university exams the Teachers used to act as invigilators and external examiners. The evaluation is also based on different training programmes, workshops and skill development activities provided by our department

History department provide photocopies of Question paper also conduct exams twice in a week.

#### 6.3.4 Research and Development

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

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. 10 research scholars are actively pursuing research in the department. Our faculty members have undertaken many Minor Research Projects. There are two on-going Minor Research Projects in the department. Dr. Cyriac Joseph is the chief editor of the interdisciplinary journal "New Numbers and Letters" published by K.E College.

Faculties of physics department actively participate in research activities. At present department is undertaking two minor projects and have completed one major project. Research oriented projects are given to P.G students to get them introduced to the field of research. Both PG and UG students are encouraged to apply for summer projects at national research institutes.

During this year all faculty members of Hindi department submitted minor research projects. Two faculty members of the department is doing Ph. D.

**Regional level workshop in Research Methodology was organized by Psychology department in collaboration with the School of Behavioral Sciences MG University Kottayam. Students and faculties presented more than eight research papers in national seminars.**

**Two faculties of zoology department are pursuing their doctoral degree .For promoting the research aptitude of the students they are encouraged to explore their surroundings and do animal collections. The Department also arranged an invited lecture on biodiversity of spiders by Dr. Sunil Jose, Assistant Professor, Devamatha College Kuravilangadu who is a well known researcher . The department maintains a well equipped lab with an array of instruments required for the graduate level zoology programme. The students are given training sessions for familiarising with the operation of these instruments. The students are also given access to these instruments while doing their study projects. Five of our students participated in a Women Empowerment seminar conducted at St. GITS College, Pathamuttom, Kottayam. A life skill training session was also conducted for the open course students.**

**The Research Department of Chemistry has set up sufficient infrastructure for research. Two of our faculty members, Dr. Jollyamma Mathew, and Dr. Jesty Thomas, are research guides, under MG University. Currently we have one ongoing major project and three ongoing minor projects funded by UGC, DST and KSCSTE. Two major projects and one minor project are completed. Out of the three research fellows working in the Department, two have completed their Ph.D works and are preparing to submit their thesis. New Ph.D scholars are seeking research positions in our Department. Our faculty members have presented several papers in various international and national conferences and have published research papers in different Journals both international and national. Also,we are promoting the research attitude of our PG and UG students by giving awareness and guidance. M.Sc students are oriented by the teachers for training at various Laboratories and Firms. We have given opportunity for the PG students of other colleges to carry out their project works by utilising the facilities of our research lab.**

#### **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. Recently an indoor stadium was built of high standards in order to promote sports in the college with tournament facility. 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 Zoology Association of 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 a Talent Day was held to nurture the skills and talents of our students. Under the eminent guidance of the faculty co-ordinator of the Association our students actively participated in the college level and university level arts competitions and bagged many prizes. Many students have participated in college and intercollegiate quiz and essay competitions and secured prizes.

Physics and Electronics department conducts career orientation classes 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

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

In chemistry department work load is distributed equally and carefully by the head

of the department as per UGC norms. Human Resources management is done in such a way that classes left free due to absence of teachers are a minimum. We are promoting UGC-CSIR NET and SET Coaching, and Remedial coaching for our students, by utilizing the available resources.

The commerce department gives adequate training and guidance to the students to equip them with leadership qualities and other skills. Students are also encouraged to participate in the arts and sports competition. The students also participate in the intercollegiate commerce and management fest and other quiz competition.

Psychology department provides proper guidance to faculty and students. Mindfulness workshop was organized for the faculty and students.

From history department there were Resource Person for international seminar, national seminar, association etc

#### 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

Various departments of the College collaborate with different institutions for promoting learning and social commitment.

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

The commerce Department arranged one industrial visit programme for the degree students. The visit was arranged to Kitex Garments Ltd Kizhakkambalam in Ernakulam District. The students were given an opportunity to view all its manufacturing operations, Knitting & Processing of fabrics etc.

The department of psychology organized seminar sessions in collaboration with All Kerala Psychology Association for Social Action, Kozhikode. . Louis mount psychiatric Institute Kalpetta, Wayanad and Moolamattam psychiatric hospital collaborated with the department to provide internship training in clinical psychology for the pg students.

The students of physics and electronics departments 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. As the part of studies and projects students of department of history visited Ootty Tea factory. The department has Collaborations with St Joseph's Press Mannanam since 2000.

MSW department has Collaborating with various government and non-governmental organizations

The computer department arranged a seminar tour for the degree students. The visit was arranged to Doddabetta Tea factory and the Tea Museum, Udhagamandalan.

#### 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

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

6.6 Whether annual financial audit has been done  Yes  No

6.7 Whether Academic and Administrative Audit (AAA) has 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 declares 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- PAAM - Psychology Alumni Association Mannanam - gathers together on second Saturday in February every year. PAAM collaborated with the department in order to organize the All Kerala Psychology Exhibition.**

**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 staff of the college is doing commendable work in the efficient functioning of the college. The IQAC makes it a point too 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 was actively joined in by the members on January 5<sup>th</sup> 2016.**

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

**Department of Chemistry has adopted right measures and gives enough support 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. We are planning to plant air purifying indoor plants in and around the Department.**

**In connection with Botany Association inauguration, The Ist Years were gifted with tree saplings which were planted In college campus and nearby places afterwards.**

**The students of English department took an active part in the Campus Cleaning Programme in the College. This was in fellowship to the slogan--protect the ecosystem for the fellow beings.**

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

**Environment day was organized by MSW and around 1000 trees were distributed to teachers and students. Also trees were planted inside the campus.**

**Plastic free campaign was conducted by the psychology department. Students used to participate in the general cleaning organized by various organizations and the college.**

**For recycling the organic wastes of the campus the Zoology department maintains a vermicomposting pit. Students are actively involved in this venture.**

**As part of the environment day celebration b.voc students planted trees**

## **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 and sessions for advanced learners and feedback system from students and from the alumni. Some of the notable practices of various departments are mentioned below.**

#### **English**

**This year the department took up the innovation of beginning a number of clubs for encouraging the hidden talents within the students. Various clubs like the debating club, quiz club , music club were started by the department. These clubs were instrumental in the participation of various teams in inter-inta collegiate competitions.**

## **Botany**

The department conducted a certificate course in “Dry flower making and arrangement, named “Calanthia” through which students from various departments were trained in the art of dry flower making and flower arrangement.

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.

All the students of each class were divided into different groups. Each group was asked to gather new developments in the field and to present them before the departmental audience every week.

**Certificate course in dry flower making and arrangement**

**Weekly hour for Interaction**

**Botany related cultural programmes**

## **Chemistry**

Remedial coaching for weaker students by the brighter students of various batches. Performance appraisal of students before their parents. Offering the service of a counsellor for the needy students.

The nature camp organized for second year chemistry students at Tholpetty Wildlife Sanctuary, Wayanad was well appreciated by the students and we are promoting it for the coming years.

## **Electronics**

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

## **MSW**

**Human Rights day & Environment day celebrations**

Social work department observed human rights Day. Department regularly celebrate and observed all the observation day in the calendar. Last year we celebrate human rights day widely.

#### PRA at Neendoor Panchayath,

Students took studied Participatory Rural Appraisal and the applied in Neendoor Panchayath. It was a great experience to the students . they got a very good experience from the PRA. They could really realize the situation of the common people

#### Alzheimer's day.

Social work department Alzheimers day in collaborate with medical collage Kottayam. Students conduct rally and awareness programme with that programme. medical College principal Dr. Jose and psychiatry dep. head Dr. Varghese Punnoose took class For the Students

#### Students participated in many projects of suchitwa mission

Students conduct many programme with Suchitwa mission. students initiated to demonstrate a biogas plant and vermin compost for the promotion of waste management in the college. Department participated different projects of central Govt. Swach Bharath with suchitwa mission

#### Survey of Public health centre, Athirampuzha.

Department of social work conducted survey for health service Kerala. Survey is related to T.B. awareness. Tuberculosis (TB) is an infectious disease caused by the bacterium Mycobacterium tuberculosis (MTB). Department of social work ,K.E.College Mannanam arranged an orientation Class for T.B. awareness. And they did survey for T.B. in Athirampuzha Panchayath. PHC medical officer, health supervisor, health nurse ,T.B coordinator lead the survey.

#### AWAKE for differently abled students

'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

he 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.

#### **A day spend with old age in collaboration with SMILE India**

##### *Smile India (Old age related programme)*

Kedas society organized programme for old age in association with smile India pakalveedu. Smile India pakalveedu 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 (pakalveedu) to address the problem of the aged so that they do not feel like the cast ways of society. On 11<sup>th</sup> December 2015 , Smile India pakalveedu has setup a Christmas programme .

#### **Medical Camps for the community“Spandhanam”**

The team of KEDAS conducted a medical camp at St. John of God, is a special school and residency for differently abled. The camp was organized by Trainees Social Workers, K.E.College.it was sponsored by Y.W.C.A. Kottayam. The major Objective of the programme was to analyse and treat the general health of the students as well as the local people around the agency. The medical camp was a successful programme. There were around 100 people benefited from it. Society plan to do many public related activity next year.

#### **Psychology**

An ongoing counselling programme, ‘Gramamanas’, village counselling programme was launched in the nearby panchayath, Athirampuzha. It is a programme planned to enhance the social commitment of the students in extending the service from the academic platform to the greater society. Trainers training programme for Life Skills Development given for 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.

#### **Zoology**

**Organising and rearranging the zoology museum involving students. A detailed study of museum specimens was conducted. Students were divided into small groups and assigned specimens belonging to different groups. Each group studied their specimens in details and explained it to other groups. During this venture many unidentified specimens were identified. This also helped students to have a better understanding of biological diversity and its importance. Students were also given training in setting up of aquarium.**

### **Commerce**

**‘Collego 16’ an inter collegiate management fest is organized by the commerce association. The department conducts industrial visit every year.**

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.**

### **Botany**

**Based on last year’s action plan, Botany association organized a One-day workshop on “Horticulture techniques, Mushroom cultivation and Dry flower arrangement on September 22<sup>nd</sup> 2015.**

**The Department started a certificate course in Decorative art named “Calanthia” through which students from various departments were trained in the art of dry flower making and flower arrangement.**

### **Chemistry**

**The Research and Post Graduate Department of Chemistry organized three day UGC sponsored National Workshop on “NEW FRONTIERS IN TEACHING CHEMISTRY” for the Higher Secondary Chemistry teachers and the Chemistry students at the Undergraduate and Post Graduate levels from December 8<sup>th</sup> to 10<sup>th</sup>, 2015.**

**The students of our Department organized an Exhibition “Chemfest” in connection with the UGC sponsored National Workshop. The exhibition provided enough opportunity for the students of nearby colleges and schools to explore the vast areas of science. They**

organized a food fest during the seminar, which was a grant success and a highly appreciated event. The nature camp organized for second year chemistry students of K.E. College, Mannanam was held in Tholpetty Wildlife Sanctuary, Wayanad on 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> February 2016. Almost all students participated in the camp.

### Economics

As part of the World Population Day an Essay Writing Competition was conducted on 10 July 2015.

Seminar on “No More Hiroshima” to commemorate Hiroshima Day was held on 6 Aug 2015.

Community development and Extension Programme- “Mannanam 2030” was conducted on July 25, 2015 at K.E College and Medical College Township Zone Development Feasibility seminar was conducted on September 12, 2015 at KVM Auditorium, Arpookara

Nature Camp was conducted for the second year degree students on 18, 19 and 20<sup>th</sup> September at Pampadum Shola National Park.

Seminar on Youth and Social Media was organized by the department in collaboration with Department of Student Services, M.G University on Dec 2, 2015.

Study Tour for the final year students

All Kerala Intercollegiate Economics Quiz competition was organised by the department on 8<sup>th</sup> February 2016.

Career Orientation Programme for the final Year degree students was held on 17 February 2016.

An Awareness programme on Organ Donation was held on 25 February 2016 for the final year degree students

Budget Analysis Programme was conducted on 15<sup>th</sup> March 2016.

The department organized seminars and lectures by eminent persons of the profession.

### Electronics

A career counseling was give to degree students by eminent scientist from TERI university ,Delhi. Encouraged students to participate in various competitive exams as well as screening tests for national level research institutes.

### History

All faculty members applied for minor project. Submit the Application for National Seminar.

### MSW

Coordinated Human Rights Day and World Environment Day. Organised observation visits and rural camp at Thodupuzha

### Physics

As decided the department has conducted a UGC sponsorecd national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015.

A career counseling was give to degree and PG students by eminent scientist from TERI university , Delhi.

Encouraged students to participate in various competitive exams as well as screening tests for national level research institutes. One of the final year degree student, got admitted to NIT, Trichy.

### Psychology

Organized a UGC sponsored three days national seminar on 17<sup>th</sup>,18<sup>th</sup> and 19<sup>th</sup> of September 2015. More than six hundred delegates participated in the seminar.

Launched ‘Gramamanas’, village counselling programme in the nearby panchayath, Athirampuzha. It is a programme planned to enhance the social commitment of the students in extending the service from the academic platform to the greater society.

### Zoology

We were able to successfully adopt many of the decisions taken at the beginning of the academic year. As per the planning a photography competition Petfie was conducted. Department successfully organised a talent day for promoting the various talents of students. We also conducted a zoology exhibition which was a huge success and was much appreciated. Though reinnovation of butterfly garden was not completed a butterfly

survey was initiated and a study of common host plants is progressing.

### Commerce

Career orientation and induction programme is provided to the first year degree students.

Group discussion are arranged to facilitate the growth of the students.

Study tour is arranged to Mysore and koorg.

Three faculty members sanctioned MRP.

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:

### 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

### B.voc

Department conducts Regional Seminar every year

Conducting Business quiz competition named 'Remark'-2015 Every year

### Botany

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.

The department conducted a certificate course in "Dry flower making and arrangement, named "Calanthia" through which students from various departments were trained in the art of dry flower making and flower arrangement.

### **Weekly hour for Interaction**

**Certificate course in dry flower making and arrangement**

### **Chemistry**

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

**M.Sc students are oriented by the teachers for training at various Laboratories and Firms.**

**NET/SET/GATE Coaching for PG students of our Department.**

### **Computer**

**The department collects written feedbacks from the stake holders about the effectiveness of the teaching learning process carried out in the department and necessary changes are incorporated in the working of the department.**

**An annual tour for three to four days is arranged every year to the final year P.G. and U.G students to places of historical importance, museums, parks, Zoos etc. to enable the students to have a good time and to accrue a lot of knowledge.**

### **Economics**

**Essay writing competition organised by the department as part of World Population Day**

**All Kerala Intercollegiate Economics Quiz competition was organised by the department.**

### **Electronics**

**Students are trained to troubleshoot the house hold equipments .**

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

### **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.**

### **Maths**

**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 2<sup>nd</sup> year PG and 3<sup>rd</sup> year B.Sc classes.**

### **Psychology**

**Day Three Association Hour for the whole department is a common platform for academic discussions, debates, seminars and symposium.**

**Department Wall Magazine is managed and published by students every week. It helps team to develop their literary and academic writing skills.**

### **Zoology**

**Students are encouraged to display latest news and events in the field of biology on the department noticeboard**

**Videos on biologically relevant topics are displayed for the students during free hours.**

### **MSW**

#### **AWAKE 2016**

**‘AWAKE’ the cultural fest is organized exclusively for the Intellectually Challenged Children all over Kerala. AWAKE is a cultural fest for intellectually challenged students**

#### **NATIONAL SEMINAR**

**Department conducted National Seminar on Promotion of Mental Health among mentally challenged lives. There were two different sessions in the seminar.**

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

**Education provides a crucial role in raising awareness about protecting environment and shaping attitudes and behaviours that can make a difference. College looks at the role of education in preparing and providing our citizens with traits needed for sustainable and productive future.**

**The key initiatives of the various departments are given below.**

### **Department of B.voc**

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

### **Department of Botany**

**In connection with Botany Association inauguration, the 1st Years were gifted with tree saplings which were planted in college campus and nearby places afterwards. To make their study environment more pleasant students have started to grow indoor and ornamental plants in the classrooms of the Department**

### **Department of Chemistry**

**To aware about the importance and conservation of wildlife and forest, we conducted nature education camp for second year chemistry students of K.E.College, Mannanam at Tholpetty Wildlife Sanctuary, Wayanad on 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> February 2016. Almost all students participated in the camp. Department of Chemistry has adopted right measures to give environmental awareness to our students. 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.**

### **Department of 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 Pampadum Shola National Park on 18-20, September, 2015.**

### **Department of Electronics**

**Regular advice is given to the students by the faculty to be eco friendly.. Encourages students to attend nature camps**

### **Department of History**

**Faculties and students conducted awareness programmes for the protection of environment. Students done Theruvunadakom for it.**

### **Department of MSW**

**Environment day celebrated and distributed 1000 trees in association with social forestry department in in collaborate with Archana women centre and N.S.S. Karayogam Ettumanoor. Students distributed plants in the college.**

#### **Department of Physics**

**Regular advice is given to the students by the faculty to be eco friendly. The department offers an open course for 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.**

#### **Department of Psychology**

**A seminar was organized on environmental issues and Eco psychology during the Association hour.**

#### **Department of English**

**The students of the 2<sup>nd</sup> Degree batch undertook a Nature camp to Periyar Tiger reserve, Thekkady in the month of December. The camp was informative to the students and enhanced the affinity for ecology in the students**

#### **Department of Zoology**

**Department has taken necessary steps to create awareness among students regarding the importance of nature and conserving natural resources. Apart from spreading awareness we give training for the students on vermicomposting and urging them to minimise the use of harmful pesticides in their households and neighbourhood.**

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**

**English**

The department intends to promote a well-structured Bridge Course in the coming year to help the students in need of special care. The infrastructure of the department also needs to be restructured. Allocation of a specific library hour for all the three batches wherein the extensive reading of students will be promoted.

**B.voc**

Decided to conduct spoken English Classes for students and also to Conduct Seminar in the field of Retail and Marketing

**Botany**

To conduct an exhibition for school students.

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

Small scale Mushroom and Spawn production

To conduct a hands on training camp on honey bee rearing and bonsai preparation

**Chemistry**

To start a DRC Analysis Centre in Collaboration with Rubber Board, Kottayam.

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

To apply for a Rubber Research project in collaboration with MRF Pvt. Company Ltd Kottayam.

To plant air purifying indoor plants in and around the Department.

**Commerce**

The department plans to host a national level Inter-collegiate commerce and management fest next year.

The department is planning to make all classrooms as smart classrooms

We also plans to make departmental library equipped with more books and journals. The department plans to arrange a lecture series on various subjects

**Computer**

To conduct an IT Fest by participating students of various colleges.

**Economics**

Orientation Programme for the first year degree students on August 2016

**An essay writing competition as part of World Population Day on July 2016**

**Nature Camp for second year degree students on September 2016.**

**Study tour for final year students on December 2016**

**National Seminar on January 2017**

### **Electronics**

**Attaining academic excellence. Make students self-sufficient in electronics service sector**

### **Hindi**

**To conduct a national seminar**

**To start spoken Hindi course for those students who wish to go to North India and for our colleagues who intent to go Hindi speaking areas in connection with Research Projects etc.**

**To start a programme - “Aaj ka shabdh”( Today's Word) to familiarize the students with new Hindi words.**

### **History**

**To conduct an Essay writing competition**

**To conduct a Two Day seminar on the importance of Archeological Studies in the History of Kerala with the help of the Department of Archeology and Government of Kerala.**

**Conduct a book making workshop**

**Planned to visit Providence Home (Home for destitute), Gandhinagar, Kottayam and Sahrudaya, School for Mentally Challenged at Villonni**

**To convene a mega alumni meeting.**

**To conduct an exhibition on archeological remains.**

### **MSW**

**Organize different reach out programmes in Athirampuzha grama panchayath.**

**Organize programmes for pollution control.**

**Organize certificate programmes for P.R.A,Life skills, theater Workshop and project proposal training**

**Conduct study tour with observation visits.**

**Arrange organizational visit.**

**Observe special days with various activities and programmes.**

**To conduct national seminars**

**To participate inter collegiate programme including National and International seminars and other cultural programmes.**

**Arrange block placement, field work and parents meeting.**

**Collaborate programmes with smile India and YWCA.**

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

**To conduct AWAKE (A State Level Cultural Fest for Differently-Abled Children.)**

### **Physics**

**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**

**Conduct regular seminar series for the students and teachers by eminent scientists.**

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

**Collaborative projects with well recognized scientific organizations.**

### **Psychology**

**Organizing International conference on Enhancing Professional Psychology through Psychological Skills Development on 4th, 5th and 6<sup>th</sup> January 2017**

**Organizing All Kerala Psychology Exhibition November 2016**

**Organizing National level Psychology Quiz in the month of December 2016**

**Organizing School counseling and old age counseling program me.**

### **Statistics**

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

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

**Give a hour in 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 a Butterfly survey in the campus.**

**To organize an awareness campaign for the whole college on socially relevant issues.**

**To conduct invited lectures/ seminars on biologically relevant topics.**

**To create a database on higher studies/ career options for life science students.**

**To conduct students' presentations on relevant topics in biology/ scientifically important days.**

**To conduct a life science related Photography competition.**

**To organize a talent day for promoting the talents of students.**

**To provide training in vermicomposting to the local people.**

### **MA English**

**To conduct national seminar**

**Peer teaching**

**To conduct Mock interviews**

**NET Coaching**

## 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.

FACULTY ATTENDED CONFERENCES AND SYMPOSIA

**International**

**Ms. Indu Peter**

1. International Seminar on Perspectives on Literary Theory held on 27<sup>th</sup> July, 2015 organised by SVR NSS College, Vazhoor.

**Ms. Chinchu Rose George**

1. International Seminar on Perspectives on Literary Theory held on 27<sup>th</sup> July, 2015 organised by SVR NSS College, Vazhoor.

**Dr. Jesty Thomas**

1. DST, KSCSTE and KSHEC sponsored One day International Symposium on Concurrent Methodologies in Organic Synthesis held on 13<sup>th</sup> February 2016, IIRBS, MG University, Kottayam.

**Dr. Sandhya C**

1. International Conference on New Horizons in Biotechnology (NHBT - 2015) held at Thiruvananthapuram, Kerala from 22-11-2015 to 25-11-2015.

**Ms. Jency Francis**

1. International Conference on “Current Trends in Management And its Relevance to Indian Industry”, organized by Sree Narayana Gurukulam College of Engineering, Kolenchery held on 20-21 November 2015.
2. International Conference on “Entrepreneurship, Innovation and Development” organized by Post Graduate and Research Department of Commerce, St. Peters College, Kolenchery on 8<sup>th</sup> and 9<sup>th</sup> January 2016.
3. International Conference on “Emerging Business Opportunities-Global Markets and the Indian Potential” organised by Department of Commerce, School of Business Management and Legal Studies, University of Kerala, Thiruvananthapuram on 24<sup>th</sup> and 25<sup>th</sup> February 2016.

**Ms. Divya Joseph**

1. International Multidisciplinary Conference Theme: Recent inclinations in Commerce, Economics, Languages and social sciences held on 26<sup>th</sup> April 2015 at Mahratta Chamber of Commerce Industries and Agriculture, Tilak Road, Pune.

**Mr. Prajod Sunny**

1. International conference on “Emerging Trends in Finance and Management” held at MES Asmabi College, Kodungallur on 26<sup>th</sup> and 27<sup>th</sup> November 2016.

**Dr. Brigit Paul**

1. 17<sup>th</sup> International Interdisciplinary Conference on Role of Military Security and Unity of Nation on Sept 6<sup>th</sup> 2015 at Radhikatai Pandav College of Engineering College , Umrer Road , Nagpur.

**Dr. T. M. Mathew**

1. Participated at the Third International Kerala History Conference held on 26<sup>th</sup> – 28<sup>th</sup> November 2015 at CMS College, Kottayam in association with Kerala State Higher Education Council and SPCS.

**Dr. Rosamma Mathew**

1. Participated at the Third International Kerala History Conference held on 26<sup>th</sup> – 28<sup>th</sup> November 2015 at CMS College, Kottayam in association with Kerala State Higher Education Council and SPCS.

**Ms. Sijimol C. G**

1. Participated at the Third International Kerala History Conference held on 26<sup>th</sup> – 28<sup>th</sup> November 2015 at CMS College, Kottayam in association with Kerala State Higher Education Council and SPCS.
2. Participated **Diksha 2k 16** an International Seminar on Extension: The Third Dimension of Education organized by Department of Life Long Learning and Extension Mahatma Gandhi University, Kottayam and

National Service Scheme Marian College Kuttikkanam from 26 – 28 February 2016 at Marian College, Kuttikkanam.

**Mr. Tintu K.J**

1. Participated at the Third International Kerala History Conference held on 26<sup>th</sup> – 28<sup>th</sup> November 2015 at CMS College, Kottayam in association with Kerala State Higher Education Council and SPCS.
2. Participated at the International Conference on Women Studies and Social Sciences, Carmel College, Goa, 2016.
3. Participated at the First International Kerala History Congress, Thiruvananthapuram, 2016

**Dr. Sunny Joseph Kalayathankal**

1. Asian Mathematical Conference (AMC 2016) held at BNDCC, Bali Indonesia July 25-29 (2016).
2. 4<sup>th</sup> IEEE International conference on Advances in Computing, Communications & Informatics (ICACCI) held at SCMS School of Engineering & Technology, Kochi, Kerala, 10 – 13 August 2015.
3. 12<sup>th</sup> IEEE International conference on Computer Science and Software Engineering (JCSSE ) held at Prince Songkla University, Hat Yai, 22-24 July 2015.

**Sr.Shobhana**

1. International seminar on “ *bullying in relation to emotional intelligence*” organized by the department of Psychology, Annamalai university.

**Dr. Smitha. S**

1. Participated in a Two day international Seminar on Recent Developments in Statistics sponsored by the Directorate of Collegiate Education, Govt. of Kerala organized by the Post Graduate Department of Statistics Maharaja’s College, Ernakulam during 10-11 December 2015.

**Dr. Sindhu. E.S**

1. Participated in a Two day international Seminar on Recent Developments in Statistics sponsored by the Directorate of Collegiate Education, Govt.

of Kerala organized by the Post Graduate Department of Statistics Maharaja's College, Ernakulam during 10-11 December 2015.

**Mr. Tijo Mathews**

1. Participated an international conference on Celebrating statistical innovations and impact in a world of big & small data by international Indian statistical association, Pune university, pune. during December 20-24, 2015.

**Maria Anu Joseph**

1. Participated in International Seminar on Probing Alterities in the Postmodern Scenario

**Navamy Raju**

1. Participated in International Seminar on Probing Alterities in the Postmodern Scenario

**Ann Sebastian**

1. Participated in International Seminar on Probing Alterities in the Postmodern Scenario

**National**

**Dr. Wilfred Abraham-**

1. Seminar on New Higher Education Policy: Challenges and Prospects organized by the Gujarat University Teachers Association on 18-20 December 2015

**Mr. Rony George:**

1. Seminar On Myths and Fairy Tales: Telling and Retelling on 26-27 November organized by Govt College Manimalakunnu, Ernakulam

**Ms. Indu Peter:**

1. UGC Sponsored National Seminar on Media, Technology and Democracy organized by Dept of English and Political Science, Newman College, Thodupuzha, on 30<sup>th</sup> September and 1<sup>st</sup> October 2015.

**Ms. Chinchu Rose George:**

1. UGC Sponsored National Seminar on Travails of Uprootment: A Tribute to Refugees, Exiles and Diasporic Communities. Organized by Dept of English, M.S. M College Kayamkulam.

**Dr. Jollyamma Mathew**

1. UGC sponsored National seminar on Instrumental Methods of Analysis conducted by Department of Chemistry, Govt. College, Kattappana, on Nov. 27<sup>th</sup> of 2015.
2. UGC sponsored National workshop on New Frontiers in Teaching Chemistry, 8<sup>th</sup>-10<sup>th</sup> December 2015, K.E.College, Mannanam.
3. UGC sponsored National Seminar on Nuclear, Astro and High Energy Physics, 29<sup>th</sup> -30<sup>th</sup> October 2015, K.E.College, Mannanam.

**Dr. Jesty Thomas**

1. UGC sponsored National workshop on New Frontiers in Teaching Chemistry, 8<sup>th</sup>-10<sup>th</sup> December 2015, K.E.College, Mannanam.
2. UGC sponsored National Seminar on Nuclear, Astro and High Energy Physics, 29<sup>th</sup> -30<sup>th</sup> October 2015, K.E.College, Mannanam.
3. KSCSTE sponsored National Seminar on Current Trends in Organic and Medicinal Chemistry, 27<sup>th</sup> January 2016, Catholocate College, Pathanamthitta

**Ms. Linta Maria Jose**

1. UGC sponsored National seminar on Nucleus, Astrophysics and light Energy Physics on 29- 30 October 2015, at K E college Mannanam .
2. UGC sponsored National seminar on New Frontiers in teaching chemistry on 8- 10 December 2015, at K E college Mannanam .

**Dr. Giable George**

1. UGC sponsored National seminar on Nucleus, Astrophysics and light Energy Physics on 29- 30 October 2015, at K E college Mannanam .

2. UGC sponsored National seminar on New Frontiers in teaching chemistry on 8- 10 December 2015, at K E college Mannanam .

**Dr.Anju Augustine**

1. UGC sponsored National seminar on Mathematical methods in applied sciences on 19- 21 November 2015, at K E college Mannanam .
2. UGC sponsored National seminar on Nucleus, Astrophysics and light Energy Physics on 29- 30 October 2015, at K E college Mannanam .
3. UGC sponsored National seminar on New Frontiers in teaching chemistry on 8- 10 December 2015, at K E college Mannanam .

**Ms.Shilpa Joy**

1. UGC sponsored National seminar on Mathematical methods in applied sciences on 19- 21 November 2015, at K E college Mannanam.
2. UGC sponsored National seminar on Nucleus, Astrophysics and light Energy Physics on 29- 30 October 2015, at K E college Mannanam.
3. UGC sponsored National seminar on New Frontiers in teaching chemistry on 8- 10 December 2015, at K E college Mannanam .
4. Kerala Government sponsored nature education camp conducted by Wayanad wild life sanctuary on 8-10 February 2016, at Tholpetty Wayanad.
5. DST, Government of India and KSCSTE sponsored one day International symposium on Concurrent Methodologies in Organic Synthesis on 13<sup>th</sup> February 2016.
6. Talk on Indian Space mission and interaction with Dr. Radhakrishnan organised by MG University Kottayam.

**Dr. Litty Joseph**

1. UGC sponsored National seminar on Mathematical methods in applied sciences on 19- 21 November 2015, at K E college Mannanam.

2. UGC sponsored National seminar on New Frontiers in teaching chemistry on 8- 10 December 2015, at K E college Mannanam .

**Dr.Sandhya C**

1. UGC sponsored National seminar on Nucleus, Astrophysics and light Energy Physics on 29- 30 October 2015, at K E college Mannanam .
2. UGC sponsored National seminar on New Frontiers in teaching chemistry on 8- 10 December 2015, at K E college Mannanam .
3. UGC sponsored National seminar on Mathematical methods in applied sciences on 19- 21 November 2015, at K E college Mannanam.

**Ms. Jency Francis**

1. National Seminar on “Sustainable Development and the Kerala Economy” organized by the Department of Commerce, School of Business Management and Legal Studies, University of Kerala on 8<sup>th</sup> and 9<sup>th</sup> June 2015.
2. UGC sponsored National Seminar on “Emerging trends in Banking and Finance: Opportunities, Challenges and responses” conducted by Postgraduate Department of Commerce, Newman College, Thodupuzha on 30-31 July 2015.
3. National Seminar on “Sustainable Development and the Kerala Economy” organized by the Department of Commerce, School of Business Management and Legal Studies, University of Kerala on 8<sup>th</sup> and 9<sup>th</sup> June 2015.
4. UGC sponsored National Seminar on “Research Methodology and Statistical Data Analysis” conducted by Postgraduate Department of Commerce, Devamatha College, Kuravilangad on 10-12 February 2016.

**Ms.Divya Joseph**

1. UGC sponsored National Workshop on Research Methodology for Commerce Management and Economics held on September 16-18, 2015 at St. Thomas College Palai.
2. UGC Sponsored National seminar on “Modern Trends in Banking” held on 3<sup>rd</sup> and 4<sup>th</sup> September 2015 at B.C.M College Kottayam.

3. UGC Sponsored Seminar on “Use of Mobile, Social and Web Technologies in Marketing” organized by Department of Business Administration, PGSR Krishnammal College for Women on 24<sup>th</sup> July,2015.
4. UGC Sponsored National seminar on “Responsible Tourism: Opportunities and Challenges” organized by PG Department of Commerce, St.Xaviers College, Vaikom on 25<sup>th</sup> and 26<sup>th</sup> February 2016.

**Mr. Prajod Sunny**

1. National seminar held at Christ University on “Sustaining a Competitive Edge in the Changing Global Scenario” on 2<sup>nd</sup> March 2016

**Ms. Anitta T Manuel**

1. National seminar on Nuclear astro and high energy physics
2. National Seminar on Autonomy & quality assurance in higher education achievements issues & challenges
3. National workshop on statistical computing

**Ms. Divya S Nair**

1. National Seminar on Nuclear astro and high energy physics
2. National Seminar on Autonomy & quality assurance in higher education achievements issues & challenges
3. National workshop on statistical computing

**Ms. Vishna Devi D**

1. National seminar on Nuclear astro and high energy physics

**Ms. Rinu Jose**

1. Two Day National Seminar on “Internal and International Migration of Women from Kerala ” on 23<sup>rd</sup> and 24<sup>th</sup> July 2015 at Alphonsa College Pala.
2. Two Day National Seminar on “Ageing Age Composition and Growth of Dependent Population: Challenges of Demographic Transition in Kerala” on 10<sup>th</sup> and 11<sup>th</sup> September 2015 at St. Dominics College Kanjirappally.

3. Two Day National Seminar on “Organic Farming: Away towards Economic Development” on 14<sup>th</sup> and 15<sup>th</sup> December 2015 at Govt. College, Chittur.
4. Two Day National Seminar on “Dynamics of Inflation: The Indian Paradigm” on 1<sup>st</sup> and 2<sup>nd</sup> March 2016 at C.M.S College Kottayam.

**Ms. Amal Sharin T J**

1. Two Day National Workshop on LaTeX on 29<sup>th</sup> & 30<sup>th</sup> June 2015 at B. K. College for Women, Amalagiri.
2. Two Day National Seminar on “Internal and International Migration of Women from Kerala ” on 23<sup>rd</sup> and 24<sup>th</sup> July 2015 at Alphonsa College Pala..
3. Two Day National Seminar on “Ageing Age Composition and Growth of Dependent Population: Challenges of Demographic Transition in Kerala” on 10<sup>th</sup> and 11<sup>th</sup> September 2015 at St. Dominics College, Kanjirappally.
4. Three Day National Workshop on New Frontiers in Teaching Chemistry on December 8-10, 2015.
5. Annual Research Methodology course (series 1): Research Skills and Data Analysis using ‘R’ at School, of Management Studies, Cochin University of Science and Technology on May 11-13, 2016.

**Ms. Mettilda George**

1. National workshop on LaTeX on 29<sup>th</sup> and 30<sup>th</sup> June 2015 at B. K. Colege for Women
2. Two Day National Seminar on “Fiscal Austerity and Economic Development: The Case of India” on 2015 September 9<sup>th</sup> and 10<sup>th</sup> at S B College Changanassery.
3. Three Day National Seminar on Kerala’s Development Oxymora: Revisiting Kerala Model of Development on 18<sup>th</sup> 19<sup>th</sup> and 20<sup>th</sup> March 2016.

4. One Week National Workshop on “Learning, Teaching and Research in Applied Econometrics from 18<sup>th</sup> to 24<sup>th</sup> January 2016 at Baselius College Kottayam.

**Ms. Gincy Lukose**

1. National Workshop on Research Methodology for Commerce, Management and Economics held on Sep 16-18,2015 at St.Thomas College,Palai

**Dr. Rosamma Mathew**

1. Archaeological Studies in Kerala: Problems and Prospects at CMS College Kottayam on 2015.
2. Participated in the UGC sponsored Three Day National Seminar on Rethinking of Colonial and Missionary Interventions in the making of Modern Kerala at CMS College Kottayam from 9<sup>th</sup> to 11<sup>th</sup> March 2016.

**Ms. Sijimol C. G**

1. Participated in the UGC sponsored Three Day National Seminar on Mathematical Models and Methods in Applied Sciences (M3AS) held on 19<sup>th</sup> to 21<sup>st</sup> November 2015.

**Maria Anu Joseph**

1. National Seminar on Weaving the World: Themes, Motifs and Methods in Contemporary Theatre.

**Dr. Sunny Joseph Kalayathankal**

1. National conference on bridging innovative trends in pure and applied Mathematics held at Bennari Ammen Institute of Technology, Sathyamangalam, July 15 - 16, (2016).
2. National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E. College, Mannanam, Kottayam, Kerala, India November 19 - 21 (2015).

**Prof. Stancy.V. Sebastian**

1. National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E. College, Mannanam, Kottayam, Kerala, India November 19 - 21 (2015).

### **Fr. Johnson Joseph**

1. National level seminar on *“Professionalizing Psychology in India”* organized by the department of Psychology, KE College Mannanam from 17<sup>th</sup> to 19<sup>th</sup> of September 2015.
2. UGC Sponsored National seminar on MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES (M3AS) on NOVEMBER 2015, ORGANISED BY DEPARTMENT OF MATHEMATICS, K.E College Mannanam.
3. UGC Sponsored national seminar on PROACTIVE STRESS COPING STRATEGIES FOR DEVELOPING MENTAL WELL BEING ,organized by St. Joseph’s training College Mannanam on January 2015
4. National seminar on’ PROMOTION OF MENTAL HEALTH AMONG MENTALLY CHALLENGED LIVES’, Organized by department of social work, K.E college mannanam on March 2016

### **Ms. Chinchu Rani Vincent**

1. National level seminar on *“Professionalizing Psychology in India”* organized by the department of Psychology, KE College Mannanam from 17<sup>th</sup> to 19<sup>th</sup> of September 2015.
2. Two day skill training workshop on COGNITIVE BEHAVIOURAL THERAPY, organized by Roldant Rejuvenations on May 2015.
3. UGC Sponsored National seminar on MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES (M3AS) on NOVEMBER 2015, ORGANISED BY DEPARTMENT OF MATHEMATICS, K.E College Mannanam.
4. UGC Sponsored national seminar on PROACTIVE STRESS COPING STRATEGIES FOR DEVELOPING MENTAL WELL BEING , organized by St. Joseph’s training College Mannanam on January 2015.
5. National seminar on’ PROMOTION OF MENTAL HEALTH AMONG MENTALLY CHALLENGED LIVES’, Organized by department of social work, K.E college mannanam on March 2016.

**Dr. Joseph O C**

1. Participated in a UGC sponsored National Seminar on Mathematical Methods in Applied Sciences (M3AS) organized by the Post Graduate Department of Mathematics, K.E.College Mannanam held on 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> November 2015.

**Lt. Jobin Vargheese. P**

1. Participated in a UGC sponsored National Seminar on Mathematical Methods in Applied Sciences (M3AS) organized by the Post Graduate Department of Mathematics, K.E.College Mannanam held on 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> November 2015.

**Dr.Smitha.S**

1. Participated in a National Seminar on Applied statistical methodology with Emphasis on Time Series Analysis & Annual Conference of Kerala Statistical Association organized by the Post Graduate & Research Department of Statistics Nirmala College, Muvattupuzha held on 12<sup>th</sup> and 13<sup>th</sup> February 2016.
2. Participated in a UGC sponsored National Seminar on Mathematical Methods in Applied Sciences (M3AS) organized by the Post Graduate Department of Mathematics, K.E.College Mannanam held on 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> November 2015.
3. Participated in a workshop on Research Methodology and Statistics organised by Inter University Centre for Disability Studies (IUCDS) Mahatma Gandhi University, Kottayam held during 16<sup>th</sup> to 18<sup>th</sup> September 2015.

**Dr. Sindhu. E.S**

1. Participated in a National Seminar on Applied statistical methodology with Emphasis on Time Series Analysis & Annual Conference of Kerala Statistical Association organized by the Post Graduate & Research Department of Statistics Nirmala College, Muvattupuzha held on 12<sup>th</sup> and 13<sup>th</sup> February 2016
2. Participated in a UGC sponsored National Seminar on Mathematical Methods in Applied Sciences (M3AS) organized by the Post Graduate Department of Mathematics, K.E.College Mannanam held on 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> November 2015.

3. Participated in a workshop on Research Methodology and Statistics organised by Inter University Centre for Disability Studies (IUCDS) ,Mahatma Gandhi University, Kottayam held during 16<sup>th</sup> to 18<sup>th</sup> September 2015.

**Mr. Tijo Mathews**

1. Participated in a National Seminar on Applied statistical methodology with Emphasis on Time Series Analysis & Annual Conference of Kerala Statistical Association organized by the Post Graduate & Research Department of Statistics Nirmala College, Muvattupuzha held on 12<sup>th</sup> and 13<sup>th</sup> February 2016

**Ms. Theja Joseph**

1. Attended a National Work shop on Syllabus revision of Botany UG programmes under CBCSS 2016 held on 25-2-2016 at M G University.
2. Attended a National workshop on Genomics, Proteomics and Bioinformatics: Fundamentals to advanced on 18<sup>th</sup> 19<sup>th</sup> and 20<sup>th</sup> November 2015 organized by St. Thomas college Kozhencherry.

**Ms. Deepa Mary Joseph**

1. Attended a National Work shop on Syllabus revision of Botany UG programmes under CBCSS 2016 held on 25-2-2016 at M G University.
2. Attended a National workshop on Genomics, Proteomics and Bioinformatics: Fundamentals to advanced on 18<sup>th</sup> 19<sup>th</sup> and 20<sup>th</sup> November 2015 organized by St. Thomas college Kozhencherry.

**Dr. Mathews T Thelly**

1. Attended a workshop on Genomics, Proteomics and Bioinformatics: Fundamentals to advanced on 18<sup>th</sup> 19<sup>th</sup> and 20<sup>th</sup> November 2015 organized by St. Thomas college Kozhencherry.

**Ms. Midhila Baby**

1. Attended a workshop on Genomics, Proteomics and Bioinformatics: Fundamentals to advanced on 18<sup>th</sup> 19<sup>th</sup> and 20<sup>th</sup> November 2015 organized by St. Thomas college Kozhencherry

**Sr. Shobhana**

1. National seminar on “Psychological aspect of orphan children”, Organized by department of sociology Annamali university

**Prof. Dominic Sebastian**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Prof. Joseph Sebastian**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Dr. Jini Thomas**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Dr. Mercy Mathews**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Dr. Jaiby Jose**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Dr. Feby Jose**

1. National seminar on “ Materials Science With A Special Emphasis On Crystallography organized by Dept. of Physics, Govt college Kottayam during 9-11 September 2015
2. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Ms. Aparna Raj**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Prof.K J Mathai**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Ms. Soniya N V**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Ms.Deepthi S Nair**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Mr.Anish Kumar P.S**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Ms.Sruthi S**

1. UGC sponsored national seminar on “Nuclear, Astro and High Energy Physics” on 29, 30 October 2015 at K.E. College , Mannanam.

**Ms. Ushus 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.
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”.

## **State**

### **Ms. Linta Maria Jose**

1. Kerala Government sponsored nature education camp conducted by Wayanad wild life sanctuary on 8-10 February 2016, at Tholpetty Wayanad.

### **Dr. Anju Augustine**

1. Kerala Government sponsored nature education camp conducted by Wayanad wild life sanctuary on 8-10 February 2016, at Tholpetty Wayanad.

### **Ms. Shilpa Joy**

1. Kerala Government sponsored nature education camp conducted by Wayanad wild life sanctuary on 8-10 February 2016, at Tholpetty Wayanad.

### **Divya Joseph**

1. Two day workshop on "Structural Equation Modeling (SEM) organized by Postgraduate Department of Commerce, Baseliious College Kottayam on 30<sup>th</sup> and 31<sup>st</sup> May 2016.

### **Ms. Amal Sharin T J**

1. Two Day State Level Seminar on "Sustainable Tourism –Issues, Challenges and Prospects" Conducted by the Dept. of Economics, St. Stephens College, Uzhavoor on 12&13 August ,2015.

### **Ms. Gincy Lukose**

1. Two Day State Level Seminar on "Sustainable Tourism –Issues, Challenges and Prospects" Conducted by the Dept. of Economics, St. Stephens College, Uzhavoor on 12&13 August ,2015

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

1. Participate in the One day Seminar on How to avoid Academic Plagiarism held at School of Tourism Studies conducted by Kerala Library Association – Kottayam Region and School of Tourism Studies, Mahatma Gandhi University, Kottayam on 30<sup>th</sup> May 2016.
2. Participate in the Two days TCI workshop on the Theme "Where in lies my inner fire? How can I make it a flame?" Led by Dr. C. Thomas

Abraham TCI graduate facilitator of Ruth Cohn Institute International, held on 9<sup>th</sup> and 11<sup>th</sup> May 2016.

3. Participated in the Three Days Yoga Training Programme held at Chaithanya Pastoral Centre, Thellakom conducted by Centre for Yoga and Naturopathy & National Service Scheme, Mahatma Gandhi University from 27<sup>th</sup> to 29<sup>th</sup> April 2016.
4. Participated in One day workshop on Digital India at Mahatma Gandhi University conducted by Department of Electronics and Information Technology, Ministry of Communications and Information Technology on 25/02/2016.
5. Participated in the One Day State Level Silpasala on Kudumba Bhadratha in Gurudeva's Vision organized by Sree Narayana Guru Chair held on 3<sup>rd</sup> July 2015 at School of Gandhian Thought and Development Studies Auditorium, Mahatma Gandhi University.

**Ms. Jessey John**

1. Attended state level seminar at TRADA on 'Art Therapy, Sand tray therapy, meditation & Parenting';

**Ms. Simple Mathew**

1. Attended state level seminar on Therapeutic skills in counseling ,MES College Erumely.
2. Attended state level seminar on Prevention and early detection of cancer at Cherthala

**Ms. Julia Punnackpadavil**

1. Attended state level workshop and commemoration of 'National youth day' at MarianCollege, Kuttikkanam
2. Attended state level workshop on "Tool Preparation and Validity in research."

## FACULTY PRESENTED PAPERS

**International****Dr. Sujarani Mathew**

1. “ Voyeurism into the Lives of the Common woman as Projected in Vijay Tendulkars Play within Play” at the International Conference conducted by Amrita ViswaVidyapeetham, Coimbatore on 6<sup>th</sup>& 7<sup>th</sup> January 2016.

**Fr Joby Joseph**

1. Presented a paper on *Postcolonial Presence and Representation: A redefining of Orientalism*. International Conference on Perspectives of Language, Literature and Theory. Department of English, Sri Akilandeswari women’s College, Wandiwash, 25-26 September, 2015.
2. *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.
3. Presented a Paper in the International Conference on *Narrative & Narratology: Traditions And Innovations in Story-Telling Patterns. Narrative Reproductions: Theory and Practice in Story Telling*. Department of Languages, Garden City College, Bangalore, 5-6, February 2016.

**Dr. Jesty Thomas**

2. Luminescent Properties of a novel Samarium-Fluorescein Metal Organic Framework, **Jesty Thomas**, Ambili K.S, “**International Conference** on Advances in Applied Mathematics, Materials Science and Nanotechnology for Engineering and Industrial Applications(IC-AMMN-2K16)”, Federal Institute of Science and Technology (FISAT), January 7-9, 2016.

**Dr. Giable George**

1. *Non-alkoxide sol-gel synthesis of rare earth based non-toxic inorganic nanopigment*” in an International Conference on Advances in Applied Mathematics, Materials Science And Nanotechnology for Engineering and Industrial Applications held at Federal

Institute of Science and Technology, Cochin, January 7-9<sup>th</sup> 2016; *Recieved Best Paper Award.*

**Ms. Jency Francis**

1. International Conference on “Current Trends in Management And its Relevance to Indian Industry”, organized by Sree Narayana Gurukulam College of Engineering ,Kolenchery held on 20-21 November 2015.
2. International Conference on “Entrepreneurship, Innovation and Development” organized by Post Graduate and Research Department of Commerce, St.Peters College, Kolenchery on 8<sup>th</sup> and 9<sup>th</sup> January 2016.

**Ms. Divya Joseph**

1. Presented paper entitled “ Impact of celebrity Advertisement on Gold purchase behavior: A Study Based on Kottayam district” in International Multidisciplinary Conference Theme: Recent inclinations in Commerce, Economics, Languages and social sciences held on 26<sup>th</sup> April 2015 at Mahratta Chamber of Commerce Industries and Agriculture, Tilak Road, Pune.

**Mr. Prajod Sunny**

1. Presented a paper on “Customer Satisfaction on Online Shopping” in an International Seminar held at MES ASMABI College, Kodungallur on 26<sup>th</sup> and 27<sup>th</sup> November.

**Ms. Jasmin Joseph**

1. A paper is published in international journal of research and Development Organization (IJRDO) with heading of “REGRESSION TESTING PROCESS FOR SMALL ORGANIZATION FOR QUALITY SOFTWARE”. ON FEBRUARY 29, 2016.

**Dr. Brigit Paul**

1. Presented a paper on **Smakaleen Hindi Kahaniyon mein Media Sanskriti Chitran** in the 17<sup>th</sup> International Interdisciplinary Conference on Role of Military Security and Unity of Nation on Sept 6<sup>th</sup> 2015 at Radhikatai Pandav College of Engineering, Umrer Road , Nagpur

**Dr. Rosamma Mathew**

1. Presented a Paper on “Women in Kerala, A New Perspective” at the Third Annual International Kerala History Conference on 26<sup>th</sup> – 28<sup>th</sup> November 2015.

## **Tintu K.J**

1. Presented a Paper on “Trade, Religion and Society: Epigraphical evidences of Early Kerala” at the Third Annual International Kerala History Conference on 26<sup>th</sup> – 28<sup>th</sup> November 2015.
2. Gender Roles in the Syrian Christians of Pre-modern Kerala: Constructions of the Warrior Masculinity and Divine Fertility in Syrian Christian Traditions, International Conference on Women Studies and Social Sciences, Carmel College, Goa on March 2016.
3. History, Traditions and Christianity: A Historical Analysis of Margamkalipattu, at the First International Kerala History Congress, Thiruvananthapuram March 2016.

## **Sunny Joseph Kalayathankal**

1. Sunny Joseph Kalayathankal, John T Abraham, A Fuzzy approaches to decision making, in : Proceedings of the Asian Mathematical Conferences (AMC 2016 ) held at BNDCC, Bali Indonesia, July 25 - 29, 2016.

## **National**

### **Dr Sujarani Mathew**

1. “ The Sense of Exile in Amitav Ghosh: A Postcolonial Reading of Imperial History”- at the UGC sponsored National Seminar conducted by Dept Of English, M.S. M. ColegeKayamkulam from 29-31<sup>st</sup> July 2015.
2. “ Transnationalism and Feminist Narratives: Appraising Migrant Literature” in the two day National seminar on Transnationalism: Texts, Discourses and Socio-cultural Transactions by Govt Arts and Science College,Kozhinjampara, Palakkad.

### **FrJoby Joseph**

1. FrJobyJoby Joseph. 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. Joby Joseph. 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, DhanalakshmiSreenivasan College of arts and science for women, 9-10, February 2016.

### **Ms. Indu Peter**

1. “Carnavalesque Laughter: A Troll Back in Focus” at a UGC sponsored National seminar on Cultural studies and Media effects at Newman College Thodupuzha on 11 & 12<sup>th</sup> August 2015.

### **Mr. Kevin George**

1. “The Eldritch Storyteller”: A Look into Edgar Allan Poe’s Inimitable Oeuvre”- at the UC Sponsored National seminar on Tappings from Outside: The Supernatural in Literature and Films on 19<sup>th</sup> and 20<sup>th</sup> August 2015.
2. “The Incurable Malady” in the National seminar on Destabilizing the Power Structures: Musings on ‘Other’ in Indo American Narratives organized by Dept of English on 26<sup>th</sup> and 27<sup>th</sup> November 2015

### **Dr. Jesty Thomas**

1. KSCSTE sponsored National Seminar on Current Trends in Organic and Medicinal Chemistry, 27<sup>th</sup> January 2016, Catholicate College, Pathanamthitta.
2. Samarium-doped graphitic carbon nitride: Synthesis and solar photocatalytic activity studies, Jesty Thomas, K. S. Ambili, 103rd Indian Science Congress, 3rd-7th January 2016, University of Mysore, Mysore.
3. Synthesis of a new TiO<sub>2</sub> nanocomposite for the degradation of organic pollutants under sunlight- **Jesty Thomas**, Radhika.S, **National Seminar** on Recent Advances in Photochemistry (**NSPC- 2015**), 3<sup>rd</sup>-4<sup>th</sup> December 2015, St. Michael’s College, Cherthala.
4. Analysis of Crystal data and data collection parameters of Samarium-fluorescein metal-organic framework using X-ray diffraction analysis, **Jesty Thomas**, Ambili. K.S, **National seminar** on “Mathematical models and methods in applied sciences (**M3AS**), 19<sup>th</sup>-21<sup>th</sup> November 2015, K.E College, Mannanam.
5. Synthesis and photocatalytic activity studies of titanium based photocatalyst- **Jesty Thomas**, Radhika.S, **National Conference** on Advanced Functional Materials, 15<sup>th</sup>-16<sup>th</sup> September 2015, Mar Athanasius College, Kothamangalam.
6. Microwave assisted Synthesis and Luminescence Properties of Porphyrin-Samarium Complex Grafted on Zeolite Y”, **Jesty Thomas**, K.S. Ambili, Proceedings of **National conference** on Recent Advances in Spectroscopy: A Chemical and Biological Perspective held at 14<sup>th</sup>-15<sup>th</sup> September 2015, Newman College, Thodupuzha.
7. “Synthesis of Sm<sup>3+</sup>-doped Graphitic Carbon Nitride Nanosheets for the Photocatalytic Degradation of Dye Effluent Under Sunlight, **Jesty Thomas**, K. S. Ambili, 28<sup>th</sup> Kerala Science Congress, 27<sup>th</sup>-30<sup>th</sup> January 2016.

### **Dr. Giable George**

1. *Pechini type sol-gel synthesis of rare earth based nano-powder with high optical properties*”, UGC sponsored National Seminar on phytochemistry an emerging branch for the development of potential anticancer drugs, Assumption college, Kottayam, **2015**.
2. *“Non-alkoxide sol-gel synthesis ,characterization and optical properties of Fe<sup>3+</sup> doped CeZrO<sub>3.5</sub> nanopigment incorporated with PMMA environmentally benign inorganic nanopigment as nanocomposite”* ,28<sup>th</sup> Kerala science congress 28-30.University of Calicut Malappuram.**2016**

### **Ms. Jency Francis**

1. Presented a paper titled “Women Entrepreneurs Doing Family Business” in International Conference on “Entrepreneurship, Innovation and Development” organized by Post Graduate and Research Department of Commerce, St.Peters College, Kolenchery on 8<sup>th</sup> and 9<sup>th</sup> January 2016.
2. “Internet Advertising and its Impact on Consumer Behaviour”, International Conference on “Current Trends in Management And its Relevance to Indian Industry”, organized by Sree Narayana Gurukulam College of Engineering, Kolenchery held on 20-21 November 2015.
3. “Mobile Banking Services of SBI and its usage among customers: A study based on Pala Municipality” UGC sponsored National Seminar on “Emerging trends in Banking and Finance: Opportunities, Challenges and responses” conducted by Postgraduate Department of Commerce, Newman College, Thodupuzha on 30-31 July 2015.
4. “Customer Relationship Management in IDBI Bank-A study based on Kottayam District” National Seminar on “Sustainable Development and the Kerala Economy” organized by the Department of Commerce, School of Business Management and Legal Studies, University of Kerala on 8<sup>th</sup> and 9<sup>th</sup> June 2015.

### **Ms. Divya Joseph**

1. Presented paper titled “Customer’s Attitude on E-CRM Services of Banks” in the UGC Sponsored National seminar on “Modern Trends in Banking” held on 3<sup>rd</sup> and 4<sup>th</sup> September 2015 at B.C.M College Kottayam.
2. Presented paper titled” Influence of Social Media Marketing Strategies on Youth” in the UGC Sponsored Seminar on “Use of Mobile, Social and Web Technologies in Marketing” organized by Department of Business Administration, PGSR Krishnammal College for Women on 24<sup>th</sup> July,2015.

3. Presented paper on “Sustainable Development through Responsible Tourism Initiatives at Kumarakom” in the UGC Sponsored National seminar on “Responsible Tourism: Opportunities and Challenges” organized by PG Department of Commerce, St.Xaviers College, Vaikom on 25<sup>th</sup> and 26<sup>th</sup> February 2016.

**Mr.Prajod Sunny**

1. Presented a paper on Online shopping in a National Seminar held at Christ University, Bangalore on 2<sup>nd</sup> March 2016.

**Ms. Jasmin Joseph**

1. A Paper entitled “MOBILE AGENTS IN SOFTWARE AGENTS” ON a national conference on Recent Advancement in Information and computer technology(NCRAICT'15) ON 20 TH MARCH 2015 AT VLB JANAKIAMMAL COLLEGE OF ARTS AND SCIENCE,KOVAIPUDUR,COIMBATORE.

**Dr. Rosamma Mathew**

1. Presented a Paper on “The Role of Col. Munro in the Educational Scenario of Kerala” in the UGC sponsored Three Day National Seminar on Rethinking of Colonial and Missionary Interventions in the making of Modern Kerala at CMS College Kottayam from 9th to 11<sup>th</sup> March 2016.

**Dr.Sunny Joseph Kalayathankal**

1. A Study on the curling number of certain graph classes, in : Proceedings of the National conference on bridging innovative trends in pure and applied Mathematics held at Bennari Ammen Institute of Technology, Sathyamangalam, July 15 - 16, 2016.
2. A Modified Fuzzy Multiple Criteria Decision Making Approach to SLCM Selection, in : Proceedings of the National conference on bridging innovative trends in pure and applied Mathematics held at Bennari Ammen Institute of Technology, Sathyamangalam, July 15 - 16, 2016.
3. Fuzzy approach of decision making, in : Proceedings of the National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 - 21, 2015.
4. Sunny Joseph Kalayathankal and Stancy V Sebastian, Fuzzy Database for Heart Disease, in : Proceedings of the National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 - 21, 2015.
5. Sunny Joseph Kalayathankal and Beena T Balan, Solving Fuzzy Multi-objective Linear Programming with Triangular Membership Functions, in : Proceedings of the National

Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 - 21, 2015

6. Sunny Joseph Kalayathankal and Susanth C, On curling Number of Graphs, in : Proceedings of the National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 - 21, 2015
7. Sunny Joseph Kalayathankal and Bobina J. Mattam, A property of line Graphs, in : Proceedings of the National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 – 21, 2015.

#### **Prof. Stancy.V.Sebastian**

1. Fuzzy Database for Heart Disease, in : Proceedings of the National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 - 21, 2015.

#### **Dr Feby Jose**

1. Variation of Surface Hardness Of Aluminum Nitride Thin Films with Deposition Temperature', Ashin Shaji, Balu R, Feby Jose, National Seminar on Advanced Analytical Techniques (NSAAT 2016), March 09-11, 2016, held at Mar Ivanios College, Thiruvananthapuram, Kerala, India.

#### **Ms. Jayasree**

1. Ugc Sponsored Seminar Based on III norms, 12<sup>th</sup> February 2015, K.E.College, Mannanam

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

1. Two Day National Seminar on “Internal and International Migration of Women from Kerala ” on 23<sup>rd</sup> and 24<sup>th</sup> July 2015 at Alphonsa College Pala.
2. Two Day National Seminar on “Ageing Age Composition and Growth of Dependent Population: Challenges of Demographic Transition in Kerala” on 10<sup>th</sup> and 11<sup>th</sup> September 2015 at St. Dominics College Kanjirappally
3. Two Day National Seminar on “Organic Farming: Away towards Economic Development” on 14<sup>th</sup> and 15<sup>th</sup> December 2015 at Govt. College, Chittur
4. Two Day National Seminar on “Dynamics of Inflation: The Indian Paradigm” on 1<sup>st</sup> and 2<sup>nd</sup> March 2016 at C.M.S College Kottayam

### **Ms. Amal Sharin T J**

1. Two Day National Seminar on “Internal and International Migration of Women from Kerala ” on 23<sup>rd</sup> and 24<sup>th</sup> July 2015 at Alphonsa College Pala.
2. Two Day National Seminar on “Ageing Age Composition and Growth of Dependent Population: Challenges of Demographic Transition in Kerala” on 10<sup>th</sup> and 11<sup>th</sup> September 2015 at St. Dominics College, Kanjirappally.

### **Ms. Mettilda George**

1. Two Day National Seminar on “Fiscal Austerity and Economic Development: The Case of India” on 2015 September 9<sup>th</sup> and 10<sup>th</sup> at S B College Changanassery.

### **State**

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

1. Presented a Paper on *Interrogating Canon, Culture and Customs: A critical Study on Joothan- A Dalit Autobiography*. State Level Seminar for students on social Concerns in Indian literatures Translated in to English. Department of English, St Joseph’s College, Trichy, 9 January, 2016.

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

1. Synthesis of nano TiO<sub>2</sub>-porphyrin system for the degradation of organic pollutants under sunlight- **Jesty Thomas**, Radhika.S, **25<sup>th</sup> Swadeshi Science Congress**, 15<sup>th</sup>-18<sup>th</sup> December 2015, Sree Sankaracharya University of Sanskrit, Kalady.
2. Optical properties of curcumin-samarium complex synthesised using curcumin obtained from turmeric extract as ligand- **Jesty Thomas**, K. S. Ambili, K.P. Jibin, **25<sup>th</sup> Swadeshi Science Congress**, 15<sup>th</sup>-18<sup>th</sup> December 2015, Sree Sankaracharya University of Sanskrit, Kalady.

#### **Ms. Jayasree**

1. Reforms in the insurance sector in India whether a boon or bane.,15<sup>th</sup> July 2015,N.S.S.College, Cherthala
2. Social Responsibility accounting ,19 August 2015,St.Dominic’s College, Kanjirappally

### **Ms. Amal Sharin T J**

1. Two Day State Level Seminar on “Sustainable Tourism –Issues, Challenges and Prospects” Conducted by the Dept. of Economics, St.Stephens College, Uzhavoor on 12&13 August ,2015.

**Ms. Gincy Lukose**

1. Two Day State Level Seminar on “Sustainable Tourism –Issues, Challenges and Prospects” Conducted by the Dept. of Economics, St.Stephens College, Uzhavoor on 12&13 August ,2015

**Dr. Joyskutty Joseph**

1. Presented a paper on ‘ Kadamannitta’ in the seminar organized by Ponkunnam Janakeeya Vayanasala on 16-06-2015
2. Presented a paper on ‘ Vinayachandrans Poetry’ in the seminar organized by Panamattom Daseeya Vayanasala on 23-07-2015
3. Presented a paper on ‘Poetry and secularism’ in the seminar organized by Kerala Yukthivadi Sangom on 16-08-2015
4. Presented a paper on ‘Malayalam Literature and secularism’ in the seminar organized by Kerala Yukthivadi Sangom District meeting at ponkunnam on 24-11-2015
5. Presented a paper on ‘New Education Policy’ in the seminar organized by Kottayam District Collector at Collectrate Kottayam on January 2016

## RESOURCE PERSONS

### **International**

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

1. Chaired the session in Asian Mathematical Conference (AMC 2016) held at BNDCC, Bali Indonesia July 25-29 (2016).

#### **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 .

#### **Dr. T. M. 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 Babu Joseph**

1. Participated as Resouce Person and delivered a Lecture on ‘Research Methodology’ for the students of PhD Course work, conducted by the Sahityik Sanskritik Shodh Sansthan, Mumbai at Mumbai on 14-07-2015.
2. Inaugurated the Hindi Association of St. Thomas College, Kozhencherry and delivered a lecture on Bhasha, Sahithya and Sanskriti on 30-07- 2015.
3. Participated as Resouce Person and delivered a Lecture on ‘Human Rights and Hindi Poetry’ in a UGC Sponsored National Seminar conducted by the Dept. of Hindi, S. S. V. College, Valayanchirangara, Perumbavoor on 20- 8- 2015.
4. Participated as a Resource Person and Delivered a lecture on ‘Hindi Bhasha And Sanskriti’ in the seminar conducted by the P. G. & Research of Hindi, SSUS Kalady, Eattumanur Centre on 14-09-2015.
5. Participated as Resource Person and delivered a Lecture on ‘Research Methodology’ for the students of PhD Course work, conducted by the Dept. of Hindi, SNDT University , Mumbai on 30-10-2015.
6. Inaugurated the Hindi Association of Sri Ettumanurappan College, Ettumanoor and delivered a lecture on Hindi Bhasha Ka Vartaman on 20-11- 2015.
7. Participated as Resource Person and delivered a Lecture on ‘New Dimensions and Challenges of Hindi Language’ in a National Seminar conducted by the P.G&Research Dept. of Hindi, Catholicate College Pathanamthitta on 22- 01- 2016.

8. Participated as Resource Person and delivered a Lecture on ‘Language Teaching and Literature’ in a National Level Conference conducted by the Depts. of Hindi, English and Kannada on 25- 02- 2016.
9. Participated as Resource Person and delivered a Lecture on ‘Sahitya Mein Gram Jivan Aur Bihar’ in a National Level Conference conducted by the Bihar Hindi Sahitya Sammelan, Patna From 2- 4- 2016 to 3- 4- 2016, at Patna, Bihar.
10. Participated as Resource Person and delivered a Lecture on ‘Hindi Bhasha, Sahitya Aur Badalthe Sanskriti’ in a Conference conducted by the P. G. Research Dept. of Hindi, Gaya College, Gaya, Bihar on 4- 4- 2016.
11. Participated as Resource Person and delivered a Lecture on ‘ Dakshin Mein Hindi Bhasha Aur Sahitya’ in a Conference conducted by the P. G. & Research Dept. of Hindi, Acharya Binoba Bhave University, Hazaribagh, Jharkhand on 6- 4- 2016.

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

1. Dr. Sunny Joseph Kalayathankal has presented invited Talk in the National Seminar on Mathematical Models and Methods in Applied Sciences held at Department of Mathematics, K.E.College, Mannanam, Kerala, November 19 – 21, 2015.

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

1. “ Transnationalism and Feminist Narratives: appraising Migrant Literature” in the two day National seminar on Transnationalism: Texts, Discourses and Socio-cultural Transactions by Govt Arts and Science College, Kozhijampara, Palakkad.

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

1. Served as resource person for KSCSTE sponsored National Seminar on Current Trends in Organic and Medicinal Chemistry, 27<sup>th</sup> January 2016, Catholicate College, Pathanamthitta.

### **State**

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

1. Two Day State Level Seminar on “Sustainable Tourism –Issues, Challenges and Prospects” Conducted by the Dept. of Economics, St.Stephens College, Uzhavoor on 12&13 August ,2015

#### **Rony George**

1. Civil service Coaching, at Civil service institute Palai
2. H R training

**Fr. Johnson Joseph**

1. Inaugurated and chaired the State level Worksop on Deaddiction at deaddiction centre pulluvazhy Perumbavoor

**Dr.Sandhya C**

1. Served as resource person for Science Day celebrations held at St. Joseph's Training College, Mannanam, Kottayam on 29-02-2016.

**Dr Jollyamma Mathew**

1. Inaugurated Chemistry Association activities of Devamatha College Kuravilangadu and gave a talk on Chemistry in Everyday life and our Lifestyle Management on 27/01/2016.
2. Served as Subject Expert for the selection of Assistant Professors in colleges affiliated to M.G. University.

**Dr. Joyskutty Joseph**

1. Participated as resource person and delivered a Lecturer on 'Eco-spirituality' in the seminar conducted by Marian college Kuttikanam on 06-06-2015

## FACULTY INVOLVED IN CURRICULUM RESTRUCTURING

Our college is affiliated to Mahatma Gandhi University. Many teachers are actively working as Board of Studies members, both in Degree and PG levels.

Dr. Mathews T Thelly of the Department of Botany is a member, expert committee constituted by the Mahatma Gandhi University and he is actively involved in curriculum development of UG course. Theja Joseph and Deepa Mary Joseph of the same department attended a Work shop on Syllabus revision of Botany UG programme under CBCSS 2016 held on 25-2-2016 at M G University.

From department of chemistry Dr. Jollyamma Mathew is a member of PG board of studies MG University . She is also a member of the Board of Studies in Chemistry for restructuring of syllabus of IIRBS of M.G. University.

Dr.Jollyamma Mathew, Ms.Linta Maria Jose, Dr.Giable George of chemistry department has Participated in the Syllabus Revision Workshop for B.Sc. Chemistry organized by Mahatma Gandhi University on 25<sup>th</sup> and 26<sup>th</sup> February, at St.Thomas College Pala.

Dr.Jollyamma Mathew, Dr.Jesty Thomas, Ms.Shilpa Joy of the same department has Participated in the Syllabus Revision Workshop for M.Sc. Analytical Chemistry organized by Mahatma Gandhi University at Baselios College Kottayam. Dr.Sandhya C Conducted a workshop on Syllabus Revision of Biochemistry (UG) organized by Mahatma Gandhi University at Kuriakose Elias College, Mannanam on 19-02-2016.

Dr. Antony Thomas from Department of Commerce, have been continuing as members of P.G Board of Studies in Commerce. Prof. Tomichan Joseph has been elected as Member –Syndicate, M.G University. He is also a member of the senate and a member of the Statutory Finance Committee, M.G University.

Anitta T Manuel from computer application department is a member in syllabus revision of MG University

Dr. Cyriac Joseph, Department of Economics is holding the following positions.

- Member Core-Committee, (UG), , Mahatma Gandhi University
- Member Board of Studies (UG) Mahatma Gandhi University
- Convenor, Vigilance Squad, Mahatma Gandhi University
- Academic Council Member for Autonomous Colleges affiliated to Mahatma Gandhi University
- Member, Curriculum Sub- Committee, SH College, Thevara
- Member, Board of Studies(Economics), CMS College, Kottayam (Autonomous)

Dr. Babu Joseph of the Department of Hindi took interest in curriculum restructuring in Kerala University and Sree Sankaracharya Sanskrit University, holding the following positions.

- Faculty Member- Faculty of Oriental Studies , Kerala University
- Faculty Member- Faculty of Indian Languages, Sree Sankrachayra Sanskrit University, Kalady

Dr. Babu Joseph is a Member, Board of Studies of Modern Indian Languages – Farook College (Autonomous ) Kozhikode. Also Member, Board Studies in Hindi - M.A College (Autonomous), Kothamangalam.

He was also appointed as the PhD thesis Examiner in Delhi University, Delhi. He is also holding the following positions.

- Appointed as the PhD Thesis Examiner and Chairman of PhD Adjudication Board (Hindi) in Kerala University, Thiruvananthapuram and Janardan Rai Nagar University, Udaipur, Rajasthan.
- The external Subject Expert for the Board of Studies (UG)in Hindi of the Kerala University.
- Appointed as the Additional Chief Superindant of the M. G. University in DevaMatha College Kuravilangadu for the conduct of the University Examinations of 2016.
- Appointed as the Question Setter for the various Examinations conducted by the SB Autonomous College, Changanacherry.
- Appointed as the Question Setter for the P G Examinations of the Kerala University.

Dr. Brigit Paul of Hindi department is a Member of Syllabus Core Committee (UG) of M.G University. She is also a

- Member Board of Studies Hindi (UG) , M.G University
- Member Board of Studies, Assumption College Changanachery.

Dr. Brigit Paul also attended syllabus restricting workshop for UG at Bharatmatha college.

Dr. Jini Thomas of physics attended Curriculum Development workshop for M.Sc Physics conducted by M.G University at Assumption College , Changanacherry during March 2016.

Fr. Johnson Joseph ,psychology department is a member of Board of Study, Psychology- UG &PG, MG University Kottayam also member committee for restructuring and revising the syllabus UG&PG Chinchu Rani Vincent of the same department has attended workshop on syllabus revision of psychology UG

Sr Jessy Joseph Kavumkal , Ms. Nisha Maria E G of Zoology department are also involved in curriculum restructuring.

Dr. Sindhu E.S and Dr. Smitha .S has participated in the syllabus revision workshop of Statistics organized by Mahatma Gandhi University at St Thomas College Palai

Dr. Sindhu E.S and Jobin Varghese . P has participated in the syllabus revision workshop of MSc Applied Statistics organized by Mahatma Gandhi University at Nirmala College Muvattupuzha

## RESEARCH PUBLICATIONS

**International journals****Dr Sujarani Mathew**

1. “ Womanism: Black/ Coloured Feminist Agenda.” *ALFOMINE: An International Refereed Journal Humanities & Social sciences* Vol.3 No.2 Sept2015. ISSN 2250-3870
2. “ Encoding Women: New Media and Gender Representation” in *Asian Journal of English Studies*. V1.4, Issue 2 April 2015. ISSN 2277-3606
3. “ Problematizing Self/Place: Postcolonial Dislocation in Amitav Ghosh’s The Glass Palace”. *JCL- Journal of Contemporary Literature*. Vol.7 No.2 July2015.ISSN 0975-1637

**Dr. Jesty Thomas**

1. “Characterization and Optical Studies of the Hybrid Materials Synthesized by Covalently Linking  $\text{Eu}^{3+}$  Ions, Para Amino Benzoic Acid and Titania- **Jesty Thomas**, Ambili KS, Ann Mariya Baby, Soniyamol Sebastian, *Journal of Applied Spectroscopy* (in press).
2.  $\text{Nd}^{3+}$  doped  $\text{TiO}_2$  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.
3. Synthesis, crystal structure and luminescent properties of a new samarium-fluorescein metal-organic framework- **Jesty Thomas**, Ambili.K.S, *Journal of Molecular Structure*, 1098 (2015) 167-174.

**Dr. Giable George**

1. “Non-alkoxide sol–gel synthesis of rhombohedral  $\text{CeZrO}_{3.5}$  nanopowder and its nanocomposite” Nibu, P. G.; **George Giable**. *International Journal of Multidisciplinary Research Review*, Vol-1, Issue – 9, 2015.

**Dr. Shyla George**

1. Liang Sun, Adam Meijer, Mathy Froeyen, Linlin Zhang, Hendrik Jan Thibaut, Jim Baggen, **Shyla George**, John Vernachio, Frank J M van Kuppeveld, Pieter Leyssen, Rolf Hilgenfeld, Johan Neyts, Leen Delang Antiviral Activity of Broad-Spectrum and Enterovirus-Specific Inhibitors against Clinical Isolates of Enterovirus D68. *Antimicrobial Agents and Chemotherapy* 2015, 59, 7782.

2. Céline Lacroix, **Shyla George**, Pieter Leysen, Rolf Hilgenfeld, and Johan Neyts;The enterovirus 3C protease inhibitor SG85 efficiently blocks rhinovirus replication and is not cross-resistant with rupintrivir.*Antimicrobial Agents and Chemotherapy* **2015**, 59, 5814.

**Ms. Divya Joseph**

1. “Influence of Social Media Marketing Strategies on the youth” , **Bonfring International Journal** of Industrial Engineering and Management Science, Vol. 5,Special Issue, ISSN 250-1096, PP.07-13,Bonfring Intellectual Integrity, July 2015.

**Dr. Sunny Joseph Kalayathankal**

1. Sunny Joseph Kalayathankal et al., Brush numbers of certain Mycielski graphs, *International Journal of Pure and Applied Mathematics*, 106(2), (2016), 663-675.
2. Sunny Joseph Kalayathankal et al., A Note on The Gutman Index of Jaco Graphs, *International Journal of Pure and Applied Mathematics*, 106(2), (2016), 583-591.
3. Sunny Joseph Kalayathankal et al., A Note on McPherson Numbers of Graphs, *Journal of Informatics and Mathematical Sciences* - a special issue on jaco graphs, Accepted for publication
4. Sunny Joseph Kalayathankal et al., Operations on covering numbers of certain graph classes, *International Journal of Advances Mathematical Sciences*, 4(1), (2016), 1-3.
5. Sunny Joseph Kalayathankal et al.,The sum and Product of Chromatic Numbers of Graphs and their Line Graphs, *British Journal of Mathematics & Computer Science*, 12(2) : 1-7, 2016
6. Sunny Joseph Kalayathankal et al.,On the Sum and Product of Covering Numbers of Graphs and their Line Graphs, *Communications in Mathematics and Applications*, 6(1), 9-16,2015.
7. Sunny Joseph Kalayathankal et al., A Study on Linear Jaco Graphs, *Journal of Informatics and Mathematical Sciences*, 7(2), 69-80, 2015.
8. Sunny Joseph Kalayathankal et al.,Competition Graphs of Jaco Graphs and the Introduction of the Grog Numbers of a Simple Connected Graph, *Fundamental Journal of a Mathematics and Mathematical Sciences*, 3(1), 33-52 (2015).

**Sr. Shobhana C.M**

1. International journal for peer view on psychology –Emotional intelligence and bullying ISSN;

### **Ms.Chinchu Rani Vincent**

1. The International Journal of Indian Psychology ISSN 2348-5396€2349-3429(P) Volume 2, Issue4, July- September,2015 Expectancy for Success and Perceived Stress in relation to Parenting among Teenagers.
2. Journal of Human Resource Research Review: ISSN: 2320-9704, Issue 5<sup>th</sup> May 2015.on Emotional Maturity in Relation with Home Environment among Adolescents.

### **Mr.Tintu K.J**

1. 'Gender Roles in the Syrian Christians of Pre-modern Kerala: Constructions of the Warrior Masculinity and Divine Femininity in Syrian Christian Traditions', in Ratnakar D.B, (ed.), *Social Sciences International Journal*, Vol. 2, Issue. 1, ISSN 2395-0544, Andhra, 2016.
2. 'Gender Roles in the Syrian Christians of Pre-modern Kerala: Constructions of the Warrior Masculinity and Divine Femininity in Syrian Christian Traditions', in Ratnakar D.B, (ed.), *Proceedings of the International Conference on Women Studies and Social Sciences*, Carmel College, Goa, 2016, ISBN 978-93-84124-67-0.

### **Dr. Jini Thomas**

1. Structural , Thermal and Dielectric properties of Cadmium malate single crystal grown in limited diffusion media, IOP Conference Series: Material Science and Engineering 73( 2015)012087
2. Structuaral and dielectric properties of A and B – sites doped CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> ceramics, Ceramic International 41(2015) 10250-10255
3. Structural and optical properties of gel grown crystals of Diaqua Maleatocalcium (II) Optik- International Journal of Light and Electron Optics126(2015) 2419-2422
4. Crystal growth , structural, thermal and optical studies of a new non linear coordination complex of cerium with malonic acid, Optik-Internation al journal of Electron Optics . 127(2016) 2197-2201

### **Dr. Brigit Paul**

1. Published a Research article ' Aathmasjag nari ki vyuh rachana ' in the Book 21 vee sadi ka sahitya aur nari vimarsh , Abhishek Prakashan , New Delhi, May 2015
2. Published a research article on ' Samakaleen Hindi kahaniyon mein media sanskrithi ka chitran ' in The Nirmik , Interdisciplinary Research Journal, Mahatma Phule Talent Search Academy, Nagpur, Sept 2015

## National

### **Dr Sujarani Mathew**

1. “ Feminism: Theoretical Parameters.” *Malayalam Research Journal*. Vol.8 Issue 2 August 2015
2. “ Synergy of Humanities and Information Technology: A Futuristic Management Strategy.” *The Future of Management* ed by Dr Mini Amit Arrawatia & Prof Sohan Raj Tater. Co-operation Publications. Jaipur 2016.

### **Dr. Jesty Thomas**

1. Photocatalytic Degradation of Persistent Organic Pollutants using nanoTiO<sub>2</sub> supported on porous Materials- **Jesty Thomas**, Radhika.S, Ambili.K.S, Rational Discourse (ISSN no: 0972-2955), Vol.21 (1), 2015, 41-52.
2. Lanthanide Based Luminescent Hybrid Materials: Short Review, **Jesty Thomas**, Ambili KS, *Albert. J. Chem. Sci.*, 1 (2015) 10-12.
3. TiO<sub>2</sub> supported on Graphene and MCM-41 as Efficient Photocatalyst for the Degradation of Persistent Organic Pollutants: A Short Review -**Jesty Thomas**, Radhika.S, Ambili.K.S, *New Numbers and Letters* (ISSN no: 2320-8317), 06 (2015) 260-264.
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### **Dr. Giable George**

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2. “Polymeric precursor sol-gel synthesis of rare earth based nano-powder for pigment application”, Nibu, P. G and **George Giable**. Recent research, 2016.
3. “Preparation and application of mixed metal oxide nanoparticle by polymeric precursor sol-gel method: Pechini method”, Nibu, P. G and **George Giable**. *New numbers and letters* 2015.

### **Ms. Jency Francis**

1. “Internet advertising and its effect on consumer behaviour”, *New Numbers and Letters*, ISSN 2320-8317, Vol. VII, Issue. 1, pp. 253-259, December 2015.

2. “Present E-banking Scenario and its Impact on Customers”, Peer reviewed Proceedings of The National Seminar on Modern Trends in Banking, ISBN 978-93-5235-999-8, PP.79-85b,BCM College Kottayam, September 2015.

**Ms. Divya Joseph**

1. “Usage of corporate Internet Banking among Businessmen in KottayamTown”,*NewNumbers and Letters*, ISSN 2320-8317,Vol. VII, Issue. 1,pp. 187-191, December 2015.
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**Mr. Prajod Sunny**

1. “Usage of corporate Internet Banking among Businessmen in KottayamTown”, *New Numbers and Letters*, ISSN 2320-8317,Vol. VII, Issue. 1,pp. 187-191, December 2015.

**Dr. Babu Joseph**

1. Published a travelogue titled ‘ Mauritius - Apravasi Ghat ki Smriti Yatra ‘ in *Sambodhan* (Kankaroli, Rajasthan), 2016.
2. Published a travelogue titled ‘Girmitiyon Ka Desh - Mauritius‘ in the research journal *Abhyarthana* (Damoh. MadhyaPradesh), 2016.
3. Published a Research article on‘Ramkatha Ka Vaishvik Sanderbh in Bhasha Bharati Sanvad, March – April, 2016 published From Patna, Bihar.

**Mr. Tintu K.J**

1. ‘Society, Religion and Traditions: Traditional Songs of the Syrian Christians’, in *New Numbers and Letters*, Interdisciplinary Journal, Vol. 6, Issue. 1, Kuriakose Elias College, Mannanam, 2015, ISSN 2320-8317.

**Sr. Shobhana C.M**

1. National journal on psychology - Self concept and bullying ISSN;
2. National journal on psychology - Assertiveness and bullying ISSN;

**Ms. Poornima Baby**

1. ‘A Review On The Role And Importance Of Soil In Mitigating Climate Change’ – Ms. Poornima Baby, Faculty, Department of Zoology, published in ‘New Numbers And Letters’ Vol VI Issue 1, December 2015, ISSN-2320-8317.

## **Conference Proceedings**

### **International**

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

1. Luminescent Properties of a novel Samarium-Fluorescein Metal Organic Framework, Jesty Thomas, Ambili K.S, “International Conference on Advances in Applied Mathematics, Materials Science and Nanotechnology for Engineering and Industrial Applications(IC-AMMN-2K16)”, Federal Institute of Science and Technology (FISAT), January 7-9, 2016.

#### **Dr. Giable George**

1. “Non-alkoxide sol-gel synthesis of rare earth based non-toxic inorganic nanopigment” in an International Conference on Advances in Applied Mathematics, Materials Science And Nanotechnology for Engineering and Industrial Applications held at Federal Institute of Science and Technology, Cochin, January 7-9th 2016; Recieved Best Paper Award.

### **National**

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

1. “Samarium-doped graphitic carbon nitride: Synthesis and solar photocatalytic activity studies, Jesty Thomas, K. S. Ambili, 103rd Indian Science Congress, 3rd-7th January 2016, University of Mysore, Mysore.
2. Synthesis of a new TiO<sub>2</sub> nanocomposite for the degradation of organic pollutants under sunlight- Jesty Thomas, Radhika.S, National Seminar on Recent Advances in Photochemistry (NSPC-2015), 3rd-4th December 2015, St.Michael’s College, Cherthala.
3. Analysis of Crystal data and data collection parameters of Samarium-fluorescein metal-organic framework using X-ray diffraction analysis, Jesty Thomas, Ambili. K.S, National seminar on “Mathematical models and methods in applied sciences (M3AS), 19th-21th November 2015 , K.E College, Mannanam.
4. Synthesis and photocatalytic activity studies of titanium based photocatalyst- Jesty Thomas, Radhika.S, National Conference on Advanced Functional Materials, 15th-16th September 2015, Mar Athanasius College, Kothamangalam.
5. Microwave assisted Synthesis and Luminescence Properties of Porphyrin-Samarium Complex Grafted on Zeolite Y”, Jesty Thomas, K.S. Ambili, Proceedings of National conference on Recent Advances in Spectroscopy: A Chemical and Biological Perspective held at 14th-15th September 2015, Newman College, Thodupuzha.
6. KSCSTE sponsored National Seminar on Current Trends in Organic and Medicinal Chemistry, 27th January 2016, Catholocate College, Pathanamthitta.

7. Synthesis of Sm<sup>3+</sup>-doped Graphitic Carbon Nitride Nanosheets for the Photocatalytic Degradation of Dye Effluent Under Sunlight, Jesty Thomas, K. S. Ambili, 28th Kerala Science Congress, 27th-30th January 2016.

**Dr. Giable George**

1. Pechini type sol-gel synthesis of rare earth based nano-powder with high optical properties”,UGC sponsored National Seminar on phytochemistry an emerging branch for the development of potential anticancer drugs, Assumption college, Kottayam, 2015.
2. “Non-alkoxide sol-gel synthesis ,characterization and optical properties of Fe<sup>3+</sup> doped CeZrO<sub>3.5</sub> nanopigment incorporated with PMMA environmentally benign inorganic nanopigment as nanocomposite” ,28th Kerala science congress 28-30.University of Calicut Malappuram.2016

**BOOKS PUBLISHED****With ISBN No****Dr. Antony Thomas**

1. Computer Application for Publication–June 2015, ISBN: 978-93-85567-10-0
2. Business Communication – June 2015, ISBN: 978-93-85567-09-4
3. Information Technology in Business – July 2015, ISBN: 978-93-85567-17-9
4. Principles and Practices of Insurance – September 2015, ISBN: 978-93-85567-35-3
5. E-commerce - ISBN: 978-93-85567-55-1
6. Banking Theory and Practice , November 2015, ISBN: 978-93-85567-52-0
7. Software for Data Management – January 2016, ISBN: 978-93-85567-57-5

**Dr. Babu Joseph**

1. Samkaleen Hindi Sahithya Vaishvikaran Ke Sanderbh Mein(Ed. Book) , Saraswaty Prakashan, Mumbai, 2016.

**Rinu Jose, Amal Sharin T J**

1. *Indian Economic Thought*, Pratibha Publications, Changanacherry, June 2015.

**Gincy Lukose V, Jinu Joseph**

1. *Foundations of, Environmental Economics*, Pratibha Publications, Changanacherry, June 2015.

**Edited Books Published****Brigit Paul**

1. Dr. Amar Singh Wadhan ki Aalochanatmak Drishti, Abhshek Prakashan, New Delhi-15, 2016

## DETAILS OF PLACEMENT

### Placement Cell Details

The placements cell of the college is active in providing the best career opportunities for the students. Under the guidance of a dynamic placement officer, the cell arranges for campus placements. A number of students have been recruited in various reputed companies under campus placement programme.

- **COGNIZANT TECHNOLOGY SOLUTIONS**

Leo Babu (III B.Com)

- **KPMG**

1. Aneesha K. Shaji ( II M.Com)
2. Gayathri. S. Kumar (II M.Com)

- **Infosys**

Linta Lis Paul (B.Sc.Mathematics)

- **WIPRO**

1. Nimisha T.Raju (B.Sc. Computer Applications)
2. Nithya P.Nair ( B.Sc. Computer Applications)
3. Aleena Jacob ( B.Sc. Computer Applications)
4. Shown Lalichan (B.Sc.Computer Applications)
5. Ann Maria Paul ( B.Sc. Computer Applications)
6. Anuja Omanakuttan( B.Sc. Computer Applications)
7. Sheba Kuriakose ( B.Sc. Computer Applications)
8. Manu Aheswaran (B.Sc.Mathematics)
9. Anitha P. Thomas (B.Sc.Mathematics)
10. Sanjana Shaji (B.Sc.Mathematics)

- **TCS**

1. Sanjana Shaji (B.Sc.Mathematics)
  
2. Sherin K. Joseph (B.Sc.Mathematics)

- **Tech Mahindra(B.Sc.Mathematics)**

Kavya S. Babu (B.Sc.Mathematics)

- **UST Global**

Aparna S. Nair (B.Sc.Mathematics)

- **Syntel**

Krishna Gopakumar (III B.Com)

- **Only Group Healthcare**

1. Anjumol Baby ( B.Sc.Computer Applications)
2. LintaLis Paul (B.Sc.Mathematics)
3. KavyaS.Babu (B.Sc.Mathematics)
4. Anjali Motti.T.T (B.Sc.Mathematics)
5. Amala Sebastian (B.Sc.Zoology)
6. Lisa Zacharias (B.Sc Physics)
7. Merlin Joseph (B.A English)
8. Ann Mathews (B.A English)
9. Sebin Louis (B.Com)
10. Vishnu Prasad (B.Com)
11. Sharlet Mathew (B.Com)
12. Maria Tomy (B.A English)
13. StenyAnu Philip (B.Com)
14. Savio Joseph (B.Com)



***Dr. Antony Thomas***

*Signature of the Coordinator, IQAC*



***Rev. Dr. Benny Thottanany***

*Signature of the Chairperson, IQAC*

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