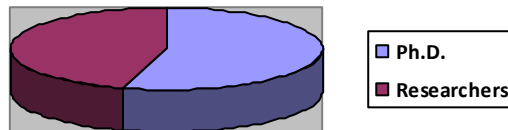


## 3.1 PROMOTION OF RESEARCH

### 3.1.1 *How does the institution motivate its teachers to take up research in education?*

*The various measures for Research Promotion are*

- Continuous Conscientization of the working policy of the institution: *No Teacher Left Behind Without A Doctoral Research Degree* (NTLBWADR). Subsequently 09/16 teachers are Ph.D. holders and the rest have registered for Doctoral studies and are at different stages of the investigations.



- The institution has a research wing committee headed by the Principal with a Teacher-in-charge as co-ordinator for the promotion of research and related activities.
- Promotion of participation in research methodology course and orientation programmes organised either internally or externally.
- Provision to avail both minor and major research projects of agencies like UGC, ICSSR, ICHR, KCHR etc.
- Permission to avail official possibility of fellowship like faculty improvement programme (FIP) of UGC under five year plan schemes.
- Constant encouragement to undertake the implementation of the B.Ed. curriculum through problem based approach resulting in classroom based micro-research opportunities like innovative practicum; which even earned national and international attention and recognitions.
- Granting of permission to undertake lateral course works (PGDCJ, MSc in applied psychology, MBA education management) at regional and national level.
- Permitting visit to research institutes as visiting fellows, subject experts and resource persons.
- Granting leave and sanction to visit abroad to participate in international research forums like IATED, Spain.
- Promoting membership in professional bodies like CTE, C-Cube Foundation, online research communities like SSRN, DMI, and BLOGS etc. *The Institution is life member of Council for Teacher Education (CTE) since 2002.*

## List of Teachers and their Participation in Professional Research Organizations

### List of Teachers and their Participation in Professional Research Organizations

Name of Faculty	Name of Research Organisations											Nature of Membership													
	C3 Foundation	CTE	AIRD	Indian Teacher Educators Forum	DMIE	NARST	ISCA	JCE Chemlab Project	URI	SPFERD	UNESCO-NUPPA Web Forum	SETARD	Soorya Art and Film Society	KUSSTEA	College of Biblical Studies and Thought	Life	Promoter	Online	Life on-line	Life honorary Life	Initiator-Chief	Annual Sectional	Permanent	Coding Assistant	
<b>B.Ed. Faculty</b>																									
Dr. Sr. A. Mercykutty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dr. Ether Gladiz	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dr. K.Y.Benedict	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dr.Giby Geevrughese	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dr.T.P.Jose	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mr. Joju John	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mrs.Bindu B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dr. Maya.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mr. Laji Varghese	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mrs Deepthi Elizabeth Mathew	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mrs. Anju Krishna .K.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mrs Divya S. Pushpan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>M.Ed. Faculty</b>																									
Dr. P.M.Jaleel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mr. Prakash Alex	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mrs Neena Thomas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Guest Faculty</b>																									
Fr. Joseph Mathew	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mrs. Salini S.S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

**CTE:** Council for Teacher Education, **C<sup>3</sup> Foundation:** Creative Curriculum Concept Foundation, **SPHERED:** Sivadasan Pillai Foundation for Educational Research Extension and Development, **KUSSTEA:** Kerala University Social Science Teacher Educators Association, **ARIO:** Association of International Researchers of Indian Origin, **DMIE:** Design Management Institute International (Cyber Media), **ISCA:** Indian Science Congress Association, **URI:** United Religious Initiatives, **NARST:** National Association for Research in Science Teaching, **SETARD:** Society for Educational Technology, Research and Development

### *3.1.2 What are the thrust areas of research prioritized by the institution?*

The thrust areas of research undertaken by the college include:

- ✿ Innovative classroom practices and strategies
- ✿ Technology intervention and teaching-learning output
- ✿ Inclusive education and rights of marginalized and differently abled children
- ✿ Value based education and techno-savvy classrooms
- ✿ Physical and mental health and educational achievements.
- ✿ Models of teaching and instructional strategies
- ✿ Brain based learning and cognitive processing

### *3.1.3 Does the institution encourage Action Research? If yes give details on some of the major outcomes and the impact.*

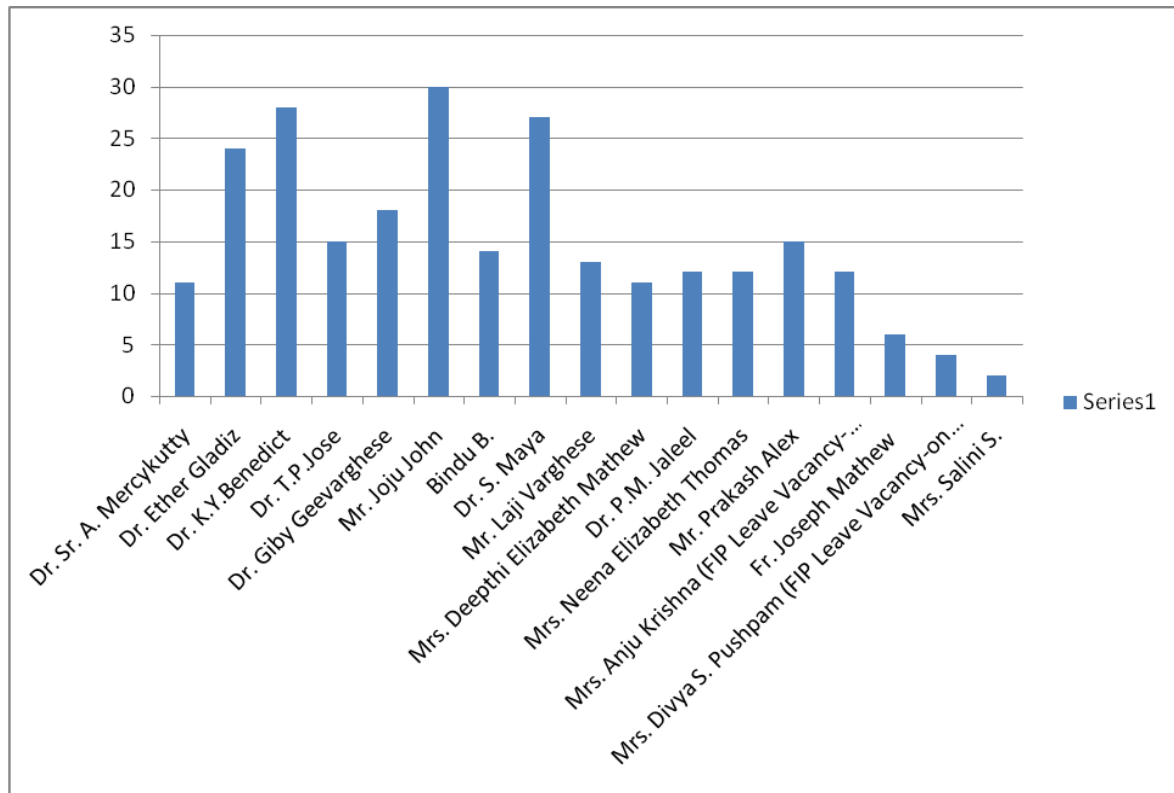
Action Research in the form of divergent novel classroom practices are constantly encouraged by all the optional classes and the different objective oriented clubs functioning in the college. The outcome of such actions later took the shape of Innovative Practices. Many such examples are available; some of which are enlisted below:

- |   |                                |
|---|--------------------------------|
| ✿ Computer Assisted Learning programmes | ✿ Books and publications       |
| ✿ News letters                          | ✿ Audio cassettes              |
| ✿ Modules                               | ✿ Video cassettes              |
| ✿ Question Bank                         | ✿ Role play- Script, Drama etc |
| ✿ Scrap books                           | ✿ Field trip documents         |
| ✿ Unit book lets                        | ✿ OHP-transperencies/Slides    |
|   | ✿ Dictionaries                 |

### *3.1.4 Give details of the Conference / Seminar / Workshop attended and/organized by the faculty members in last five years.*

The Permanent/Guest faculty members have actively participated and organized a number of seminars internally and externally.

## A diagrammatic distribution of the intensity of participation by the faculty members in seminars and conferences for the last five years



## 3.2 RESEARCH AND PUBLICATION OUTPUT

### 3.2.1 Give details of instructional and other materials developed including teaching aids and/or used by the institution for enhancing the quality of teaching during the last three years.

Learning aids and materials of various kinds and types are prepared and used by the faculty members. The following list indicates a general class of items. Specific details of items are kept with the individual teacher files for on the site verification.

- **Powerpoint Presentation Sets**
- **Question Banks cum Solved Question Sheets OHP  
Transparency Sheets**
- **Specially Collected Reference Books**
- **Resource materials developed in collaboration with**

<b>Student-Teachers</b>
➤ <b>Digital Libraries</b>
➤ <b>ICT integration Tools collected and Purchased</b>
➤ <b>Educaional CD set of SIET, Govt. of Kerala</b>
➤ <b>Sample Copies of Selected Practicum Works</b>
➤ <b>Study Material, Notes and Worksheets</b>
➤ <b>Proformas and Schedules for Orientation, Instruction, Evaluation and Performance Assesment of Student-Teachers</b>

### *3.2.2 Give details on facilities available with the institution for developing instructional materials?*

<b>GENERAL LABORATORIES</b>		
<b>Items</b>	<b>Objective</b>	<b>Functions</b>
<b>Computer Lab</b>	To provide ICT skills necessary for effective classroom performance	<ul style="list-style-type: none"> <li>☀ Training in use of computer in teaching</li> <li>☀ As UGC-Network Resource Centre</li> <li>☀ Internet Surfing &amp; data logging</li> <li>☀ Data Processing and management</li> <li>☀ Training in the use of educational CD's and Software</li> <li>☀ Preparation of multimedia presentations and handouts</li> </ul>
<b>Technology Lab</b>	To provide hands on training on handling technological equipments	<ul style="list-style-type: none"> <li>☀ Training in the use of Technological devices like LCD, OHP, Laptop, Handy cam, TV &amp; VCR</li> <li>☀ Watching of Educational programmes.</li> <li>☀ Preparation of transparencies and slides.</li> <li>☀ Serve as technical library having collection of educational CDs .</li> </ul>
<b>Psychology Lab</b>	To familiarizes with psychological tools	<ul style="list-style-type: none"> <li>☀ Administration of psychological tools.</li> <li>☀ Firsthand experience on practical</li> <li>☀ Serve as a source centre for learning psychology.</li> <li>☀ Consultancy in psychometric analysis.</li> </ul>

Language lab	To enhance learning of foreign language	<ul style="list-style-type: none"> <li>☀ Digital Interactive system</li> <li>☀ Enhances communicative English programme</li> <li>☀ Training in language teaching strategies.</li> <li>☀ Self learning device.</li> </ul>
Science Lab	To give first hand experience in Physical and Biological sciences practicals	<ul style="list-style-type: none"> <li>☀ Practice teaching preparations</li> <li>☀ Experiment of the week programme</li> <li>☀ Annual Science exhibition.</li> <li>☀ Science Day Celebrations.</li> <li>☀ Lending equipment/apparatus/chemical to trainees during practice teaching/preparatory training programmes.</li> </ul>
Education Lab	To provide physical & Mental fitness to students	<ul style="list-style-type: none"> <li>☀ Awareness about health and hygiene.</li> <li>☀ Practicing indoor and outdoor games</li> <li>☀ Training in Aerobics and yoga</li> <li>☀ Tips for healthy living</li> <li>☀ First aid kit</li> </ul>
Work Experience Lab	To transmit the value of dignity of labour.	<ul style="list-style-type: none"> <li>☀ Training in manual labour.</li> <li>☀ Training in productive work</li> <li>☀ Exposure to creative talents.</li> </ul>

### METHOD LABORATORIES

Items	Objective	Functions
English	To realize the aims and objectives of English education	<ul style="list-style-type: none"> <li>☀ Photogallery</li> <li>☀ Creative expressions and publications</li> <li>☀ A new word a day exercise</li> <li>☀ Optional library</li> <li>☀ Computer</li> <li>☀ Question bank</li> <li>☀ Student developed notes collection</li> </ul>
Malayalam	To realize the aims and objectives of Malayalam education	<ul style="list-style-type: none"> <li>☀ Photo gallery</li> <li>☀ Optional library</li> <li>☀ Collection of teaching aids</li> </ul>

<p style="text-align: center;"><b>Mathematics</b></p>	<p style="text-align: center;"><b>To realize the aims and objectives of Mathematics education</b></p>	<ul style="list-style-type: none"> <li>✿ Teaching aids and models</li> <li>✿ Math lab network</li> <li>✿ Photogallery</li> <li>✿ Computer</li> <li>✿ Collection of models and charts</li> <li>✿ Reference Texts</li> </ul>
<p style="text-align: center;"><b>Natural Science</b></p>	<p style="text-align: center;"><b>To realize the aims and objectives of Natural Science education</b></p>	<ul style="list-style-type: none"> <li>✿ Photo gallery</li> <li>✿ Optional library</li> <li>✿ Digital Library</li> <li>✿ Collection of teaching aids</li> <li>✿ Aquarium, Terrarium</li> <li>✿ Wall mounted still models</li> <li>✿ Objects and specimens</li> </ul>
<p style="text-align: center;"><b>Physical Science</b></p>	<p style="text-align: center;"><b>To realize the aims and objectives of Physical Science education</b></p>	<ul style="list-style-type: none"> <li>✿ Hall of Fame- Photogallery</li> <li>✿ Wall mounted still models</li> <li>✿ Charts and Diagram Collection</li> <li>✿ Computer</li> <li>✿ Optional Library</li> <li>✿ Digital Library</li> <li>✿ Solved Question Papers</li> <li>✿ Physical Science Student-Teachers' Kit</li> </ul>
<p style="text-align: center;"><b>Social Science</b></p>	<p style="text-align: center;"><b>To realize the aims and objectives of Social Science education</b></p>	<ul style="list-style-type: none"> <li>✿ Photo Gallery</li> <li>✿ Archives</li> <li>✿ Coin Collection/Stamp collection/flag collection</li> <li>✿ Maps/charts/Globe</li> <li>✿ Teaching aids</li> <li>✿ Subject library scripts on Braille</li> </ul>







### 3.2.3 Did the institution develop any ICT/technology related instructional materials during the last five years? Give details.


The students are given training in :

 <b>Power point presentation preparation</b>
 <b>Video lesson scripting and acting</b>
 <b>Audio lessons script writing</b>
 <b>Content based miming and skit development</b>
 <b>Documentry preparation</b>
 <b>Digital recording using free softwares</b>
 <b>Web-designing using discovery education free resources</b>
 <b>News letters/brochures</b>
 <b>Books and publications</b>
 <b>OHP transparencies/slide</b>

### 3.2.4 Give details on various training programs and/or workshops on material development (both instructional and other materials)

#### **Organised by the institution for Student-Teachers:-**

-  Preparation of Teaching Materials – charts and models
-  Preparation of Modules
-  Development of Micro-Teaching Lessons
-  Development of Models of Teaching Lesson Templates
-  Preparation of programmed learning Material and other teaching aids related to technology
-  Preparation of SUPW materials

 **Attended by the staff:-** The teaching faculty members are regular participants in material development initiatives and workshops organised by various external agencies; the following table shows a general distribution of participation of permanent faculty members who underwent the training experience



Name of Faculty Members	S C E R T	UNIVERSITIES IN KERALA	IGNOU	CACEE	KSLMA	K P S C	THOZHL VEEEDHI- M M PUBLICATIONS	NCTE	SUBJECT ASSOCIATIONS	CTE - CDC	ON-LINE TUTORIAL- TECHNO PARK	NAAC	RECRUITMENT BOARDS OF MANAGEMENT
<b>Dr. Sr. A. Mercykutty</b>	✓	✓						✓	✓			✓	✓
<b>Dr. Ether Gladiz</b>		✓		✓		✓	✓		✓		✓	✓	✓
<b>Dr. K.Y.Benedict</b>	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	
<b>Dr. T.P.Jose</b>		✓							✓				
<b>Dr. Giby Geevarughese</b>				✓			✓		✓			✓	✓
<b>Mr. Joju John</b>	✓	✓		✓					✓			✓	✓
<b>Mrs. Bindu B.</b>	✓		✓						✓			✓	
<b>Dr. S. Maya</b>		✓		✓					✓		✓	✓	
<b>Mr. Laji Varghese</b>		✓		✓			✓		✓		✓	✓	
<b>Mrs. Deepthi Elizabeth Mathew</b>	✓	✓					✓		✓				

**S C E R T:** State Council for Educational Research and Training, **K P S C:** Kerala Public Service Commission, **CACEE:** Centre for Adult Continuing Education and Extension, **KSLMA:** Kerala State Literacy Mission Authority, **CTE-CDC:** Council for Teacher Education-Child Development Centre

### Training provided to the staff

- ✿ One month IQSC Discussion series programme conducted in the college on August 2006
- ✿ Orientation Programme for College Teachers on “Discovering the Teacher Within” in Collaboration with UGC on 23<sup>rd</sup> and 24<sup>th</sup> , February 2007 for the college teachers around Trivandrum
- ✿ One Week course on “ICT enabled Classroom Practices” for teacher educators in collaboration with INTEL authorized by NCTE on 11<sup>th</sup> -17<sup>th</sup> February 2009
- ✿ One Week course on “ICT enabled Classroom Practices” for teacher educators in collaboration with INTEL authorized by NCTE - May 2009
- ✿ Training in communication, soft and life skill programmes
- ✿ National Refresher course cum Workshop in Frontier Areas of Research Methodology for Social Scientists organized by IQSC on 17<sup>th</sup> to 22<sup>nd</sup> May 2010.

- ✿ Regional colloquium on “Constructivism in ICT Integrated classroom environment”
- ✿ Mind power management and classroom effectiveness
- ✿ Online Mathlab-USA training programme for mathematics teachers Trivandrum on 27<sup>th</sup> August 2011.

### *3.2.5 List the journals in which the faculty members have published papers in the last five years.*

A selected list of Journals in which the faculty members have published their articles in the last five (+) years are:

- ✿ University News
- ✿ Teacher learner and Society
- ✿ International Educator
- ✿ Staff and Development International
- ✿ New Frontiers of Education
- ✿ Proceedings of Indian Science Congress
- ✿ Pedagogies
- ✿ Annual Souvenirs of CTE
- ✿ CTE National Journal
- ✿ GCTE Journal of Educational Research and Extension etc.

### *3.2.6 Give details of the awards, honours and patents received by the faculty members in last five years.*

Ph.D. Degree awarded to Rev. Dr. Joseph Mathew (2012) and Dr. Ancy A. S (2012)

### *3.2.7 Give details of the Minor / Major research projects completed by staff members of the institution in last five years.*

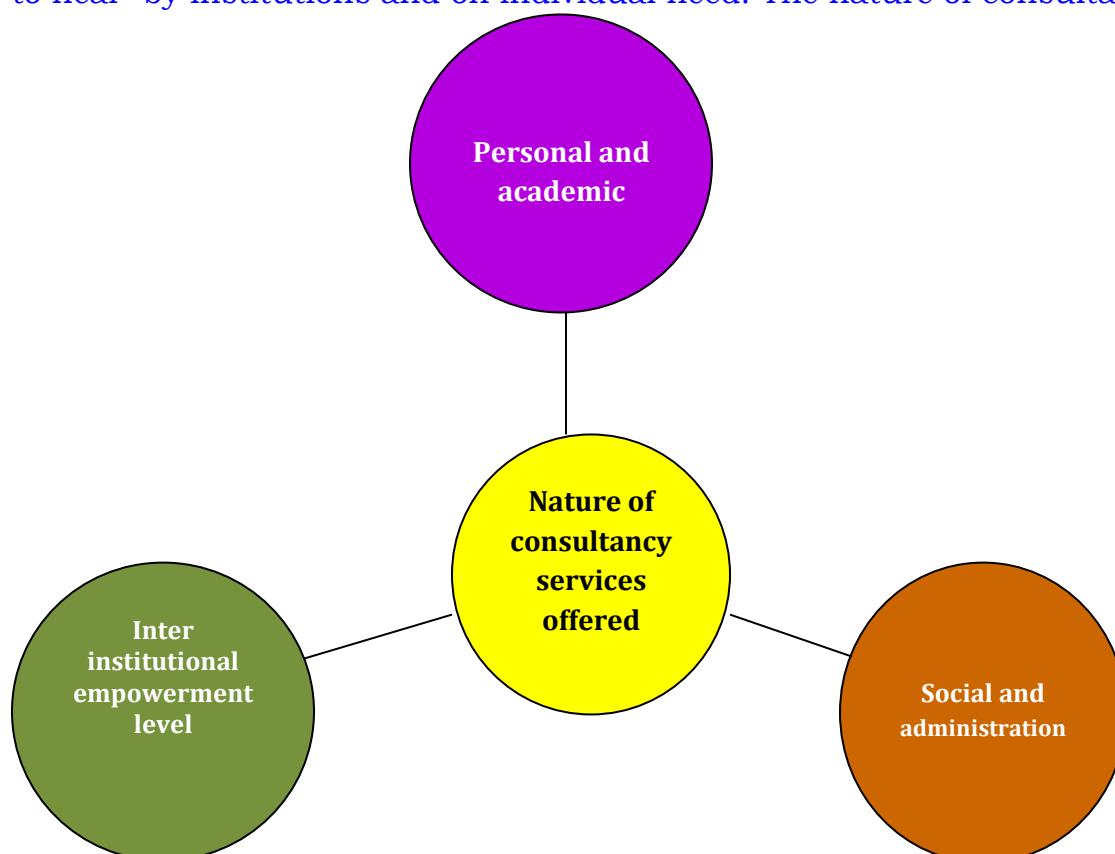
#### **List of Minor and Major Research Projects Completed by the staff**

Sl. No.	Name of the Faculty Member	Nature/No. of Projects			Progress of Work	
		Minor	Major	Total	Completed	On-Going
1	Dr. T.P.Jose		1	1	✓	
2	Dr. GibyGeevarughese	1		1		✓
3	Joju John	1		1		✓

### 3.3 CONSULTANCY

*3.3.1 Did the institution provide consultancy services in last five years? If yes, give details.*

Yes, the institution has provided consultancy services on a non profitable basis to near by institutions and on individual need. The nature of consultancy



*3.3.2 Are faculty/staff members of the institute competent to undertake consultancy? If yes, list the areas of competency of staff members and the steps initiated by the institution to publicise the available expertise.*

Yes, the faculty/staff members of the institute are competent to undertake consultancy in different dimensions; the professional utilization of such competency remains as an area of improvement. The following table shows the general distribution of consultancy, strong field of teaching faculty of the college.

Sl. No.	Name of faculty Member	Areas of Proficiency for Consultation	Possible Assumed Geographic Coverage of extension of service by the Consultant		
			Regional	State	National
1	Dr. Sr. Mercykutty .A	Administrative Strategy leading to assessment and accreditation	√		√
		National Level Assessment Team member services			√
		Educational Event Management	√	√	√
		Value Education	√		
2	Dr. Esther Gladiz	Assessment and Accreditation Proceedings	√		
		Content Development for e-learning		√	
		Instructional Strategies	√	√	
		Institutional Evaluation		√	
		Educational Event Management	√	√	√
3	Dr. K.Y.Benedict	Instructional Communication	√	√	√
		Educational Research-Qualitative Design and practices	√	√	√
		Curriculum Design and Evaluation	√	√	√
		Educational Event Management	√	√	√
		Instructional Strategies	√	√	
		ICT Integration and Content Development	√	√	
		Laboratory Design and Establishment	√	√	√
Assessment and Accreditation Procedure and Quality Management	√	√	√		
4	Dr.T.P.Jose	Aerobics	√	√	
		Research in Sports and Athelitics	√	√	√
		Sport Event Management	√	√	√
		Sport Organisation/ Administration	√	√	√
5	Dr. Giby Geevarughese	Design and Establishment of Psychology Laboratory	√	√	√
		Family Life Orientation and Task Management	√	√	
		Effective Parenting Clinics	√	√	
		Personal and Educational Counselling	√	√	√
		Educational Event Management	√	√	√
		Life skill and soft skill trainer	√		
6	Mr.Joju John	Personal, Educational and Family Counselling	√	√	√
		Personality Development	√	√	
		Educational Event Management	√	√	√
		Master trainer of INTEL, USA	√		
		Communicative English	√	√	
		Value Education Instructional Modules		√	
		Family Life Orientation and Task Management	√	√	

		Life skill and soft skill trainer	✓		
7	Mrs. Bindu .B	Educational Event Management	✓	✓	✓
		Master trainer of INTEL, USA	✓		
		Instructional strategies	✓		
8	Dr. S. Maya	Human Resource Development at Secondary and Tertiary Level		✓	
		Educational Research-Qualitative Design and practices	✓		
		Educational Event Management	✓	✓	✓
		Content Development for e-learning	✓		✓
9	Mr. Laji Varghese	Design and Establishment of Language Laboratory	✓		
		Educational Event Management	✓	✓	✓
		Personal and Educational Counselling	✓	✓	
		Life skill and soft skill trainer	✓		
10	Mrs. Deepthi Elizabeth Mathew	Master trainer of Math lab, USA	✓		
		Master trainer of INTEL, USA	✓		
		Family Counselling	✓		
		Marriage preparation course	✓		
		Mathematics competition examination trainer	✓		

The steps initiated by the institution to publicise the available expertise are institutional website and mouth to mouth.

### *3.3.3 How much revenue has been generated through consultancy in the last five years? How is the revenue generated, shared among the concerned staff member and the institution?*

Organised consultancy leading to substantial revenue generation for the college on a professional basis is yet to be developed in the college and the same stands as a promising opportunity for improvement.

### *3.3.4 How does the institution use the revenue generated through consultancy?*

The institution does not generate revenue through consultancy

### **3.4 EXTENSION ACTIVITIES**

#### *3.4.1 How has the local community benefited from the institution? (Contribution of the institution through various extension activities, outreach programmes, partnering with NGO's and GO's)*

- ✿ Sharing of men and material resources
- ✿ Construction of two houses for the poor
- ✿ Financial support(partial) for the construction of two houses
- ✿ Providing financial support to near by institutions
- ✿ Supplying study materials to the needy
- ✿ Motivational programmes for the 10<sup>th</sup> and 12<sup>th</sup> students
- ✿ Remedial teaching to the Juvenile Delinquents
- ✿ Village adoption
- ✿ Provision of food and clothing to poor students
- ✿ Assistance to midday meal programme
- ✿ Financial assistance to physically challenged person to buy tricycle
- ✿ Supportive devices to visually challenged persons
- ✿ Partnering with URI, WWF, AICUF,
- ✿ Resource persons to Centre for Adult Continuing Education and Extension
- ✿ Sharing of stadium
- ✿ Sharing of Language lab
- ✿ Sharing of auditorium for different community development programmes
- ✿ Sharing of courts –basket ball and badminton
- ✿ Sharing of library resources
- ✿ Academic support
- ✿ Conducting co-curricular activities
- ✿ Offering counselling services
- ✿ Offering consultancy and technical support

#### *3.4.2 How has the institution benefited from the community? (Community participation in institutional development, institution-community networking, institution-school networking, etc.)*

- ✿ Availability of school facilities for practice teaching, preparatory sessions
- ✿ Support extended by 'Friends of MTTC'
- ✿ Support rendered by the libraries of other institutions
- ✿ Academic support received for different neighbouring institutions.
- ✿ Conducting co-curricular activities
- ✿ Transportation facility

- ✿ Using the infrastructure of nearby institutions
- ✿ Social alert offered to the institutions

### *3.4.3 What are the future plans and major activities the institution would like to take up for providing community orientation to students?*



- ✿ Continuing with social survey
- ✿ Strengthening the initiatives in the adopted village
- ✿ Life skill training programme for youth
- ✿ Academic training programme for competitive examination
- ✿ Secondary school teachers training programme
- ✿ Orientation programme for school and college teachers
- ✿ Enlarging the social visit programmes
- ✿ Provision of financial support to mentally challenged inmates of SNEHABHAVAN
- ✿ Giving orientation to student teachers to give remedial teaching to economically and socially backward students

### *3.4.4 Is there any project completed by the institution relating to the community development in the last five years? If yes, give details.*


Yes, one project was completed by the institution. The institution extended its support to the public of Chaikulam Village, Kattakkada of Thiruvananthapuram district. Various programmes such as medical camp, conscientization programme on population health, hygiene, sanitation, counselling, and construction of houses have been undertaken by the college community in the last five years.

### *3.4.5 How does the institution develop social and citizenship values and skills among its students?*

The institution develops social and citizenship values and skills among its students:


-  **Practices to impart National, Social, and Spiritual values:-** The institution organizes the following programmes with a view to impart value based education.
-  **Inter-religious prayer for inculcating secularism:-** Each academic year commences with an inter religious prayer session. Such sessions are organized on occasions like before the commencement of teaching practice and the university practical examination. Readings from holy books (The Bhagavat

Geetha, The Quran and The Bible) offering of prayers, recitation of Bajans etc form the major programmes

- 
**Observation of National days for promoting National Integration:-** To inculcate patriotism, important days like Independence day, Republic day, Gandhi Jayanthi, National Education day, Teachers day, Keralapiravi etc. are celebrated. Singing of National Anthem and Patriotic songs and Pledge taking are mandatory for the morning assembly. Video clippings to inculcate National integration are exhibited while transacting the core paper, Theoretical Basis of Education.
  
- 
**Observation of International days to inculcate Global Perspectives and Integration:-** To inculcate international understanding important days like *Women's day, World literacy day, Anti weapon day, Anti terrorism day, Hiroshima day, World teachers day, International AIDS day, Human Rights day, Environment day, National Science Day*, etc. are observed. Video clippings to inculcate International understanding are done while transacting the core paper Theoretical Basis of Education.
  
- 
**Programmes to promote attitude against Terrorism as a part of Peace Education:-** Essay competition on '*Terrorism and peace education*' was organised by Alumni association of the college 'THEOSA'. We observed antiterrorism day on January 1, 2008 to pay homage to the victims of Mumbai terror attack and took an oath against terrorism.
  
- 
**Programmes to promote attitude against Corruption for developing the right economic value:-** Practicum on '*Corruption as an Evil to Indian Society*', was given to the trainees to get an awareness of current social issues. Essay competition by Alumni association on '*Role of Education to Curb Corruption*' was conducted.
  
- 
**Programmes to get awareness on Human Rights:-** The institution celebrates Human Rights day on December 10. Power point Presentation on human rights laws is done by students. Students display different human rights laws on the bulletin board.
  
- 
**Community Extension:-** Student teachers took classes on cleanliness, health and nutrition, alcoholism, drug abuse, population explosion, corruption, terrorism and environmental issues to the school students during their practice teaching days. In 2010-11 the initiative by Malayala Manorma Daily-Lifebuoy Health and Hygiene initiative needs a special mention. Enriching life in the community by organising cultural programme in old age home "*Snehabhavan, Polio home, Leprosy Rehabilitation Centre*", *Shalom, Ammathottil*. Participation in



community development activities and construction works and service to the aged and sick help them to develop a socio - centric attitude among the trainees.

-  **Traditional Indian Values:** Practice humility and reverence, modesty and warm embrace to one and all irrespective of caste, creed, community, race, religion, complexion, nationality etc. through community visits and extension works.

## 3.5 COLLABORATIONS

*3.5.1 Name the national level organizations, if any, with which the institution has established linkages in the last five years. Detail the benefits resulted out of such linkages.*

The institution has established linkages by maintaining to and fro relationship with the following institutions:

Organizations		
National	State	Local
UGC	SCERT	University of Kerala
NAAC	KSLMA	Govt. Schools
NCTE	DCE	Aided Schools
IAEA	Dy. DCE	Management School
CTE	LBS	Bethany Nature Cure Centre.
AIACHE	SIET	Centre for Women's Studies
C <sup>3</sup> Foundation	STEC	Gandhian Studies
ASC University of Kerala and Calicut.	SRC	
Xavier Board	Department of Science & Technology	
AICUF	Dr. K. Sivadasan Pillai Foundation	
Qualiant Learning Services, Bangalore	Kerala Public Service Commission	
	KACHE	
	Isalayam, Anayara Trivandrum.	
	PERC	

 **Benefits resulted from such linkages:-**

- \* Participation and conduction of seminars/workshops
- \* Mobile tuition
- \* Providing infrastructure facilities
- \* Rendering human resources

*3.5.2 Name the international organizations, with which the institution has established any linkage in the last five years. Detail the benefits resulted out of such linkages.*


 **International Organizations:-**


- \* UNESCO
- \* Asian e – University
- \* Association of International Researchers of Indian Origin
- \* World Wide Fund for nature - India
- \* International Association of Educators for World Peace
- \* David Devraj Kumar- Faculty Member, Florida Atlanta University, USA
- \* Chemlab Project
- \* Math Lab Online USA- Establishment of Math lab in the institution








 **Benefits resulted from such linkages:-**

- \* Receiving of Newsletters
- \* Nature watch
- \* Online tuition
- \* Participation and conduction of seminars/workshops
- \* Rendering human resources









*3.5.3 How did the linkages if any contribute to the following? (Curriculum Development, Teaching, Training, Practice Teaching, Research, Consultancy, Extension, Publication)*

 **Curriculum Development:-** The curriculum is designed by the Kerala University and the institution has to follow the same. Four faculty members of the institution have participated in the curriculum development as committee members conducted by the University of Kerala. Construction of a creative curriculum in scientific subjects by C<sup>3</sup> Foundation has also been undertaken. The Principal of the institution has been selected as a member of the curriculum committee of SCERT-Government of Kerala.

 **Teaching:-** SCERT enhances the quality of teaching by providing teachers handouts and modules. Extension of financial support from UGC for infrastructure and technological appliances enhances teaching.

-  **Training:-** Academic Staff College provides opportunity to participate in orientation and refresher courses. The norms of NCTE is taken in constructing the infrastructure and student – teacher ratio. UGC, NCTE, NAAC, Government of Kerala and University of Kerala ensures teacher quality. The linkage facilitates schools for the conduction of practice teaching, preparatory sessions and Micro teaching.
-  **Practice Teaching:-** The institution has linkage with fifteen schools in and around Thiruvananthapuram city covering a distance of 15 Km.
-  **Research:-** School community is taken for conducting experimental study. Valuable references are made available through this linkage.
-  **Consultancy:-** Consultancy services are made available through this linkage for improvement of infrastructure facilities, academic improvement etc.
-  **Extension:-** The linkage with the various institutions provides scope for adopting and implementing new programmes.
-  **Publication:-** Dissemination of information is made possible through the linkages with various institution. Publications by these agencies contribute to the enhancement of teaching-learning process.
-  **Student Placement:-** The institution has a student placement cell which provides opportunity for campus selection and placement in regional, national and international level.

### *3.5.4 What are the linkages of the institution with the school sector? (Institute-school-community networking)*

-  Golden Jubilee Endowment Fund
-  Remedial Teaching programme
-  Supply of teaching Aids
-  Orientation programme for School Teachers
-  Assistance to Mid- Day Meal programme
-  Serves as subject experts in the interview board for selection of teaching faculty members
-  Evaluation of co curricular activities.
-  Arranging Exhibitions

### *3.5.5 Are the faculty actively engaged in schools and with teachers and other school personnel to design, evaluate and deliver practice teaching. If yes give details.*

Yes, the faculty are actively engaged in schools and with teachers and other school personnel to design, evaluate and deliver practice teaching. The institution arranges a *Head of Schools Meet* before the commencement of the practice teaching. The needs, relevance and requirements are discussed in detail for securing

whole hearted cooperation from the school authorities. Mentor teacher plays the role of epicenter. The faculty member of the institution accompanies the student teachers to their respective schools for familiarizing the school plant on the first day of the practice teaching. The evaluation programme is a four tier programme consisting of the Principal, mentor teacher, school teacher and peer evaluation. The school teachers and faculty members of the college have discussion on the performance of the student teachers. A proforma is supplied and feedback on the performance of the student teacher is recorded and taken into consideration.

### *3.5.6 How does the faculty collaborate with school and other college or university faculty?*

#### **Collaboration with school faculty:-**

- ✿ Remedial teaching programme
- ✿ Supply of teaching aids
- ✿ Orientation programme for school teachers
- ✿ Assistance to Mid- Day meal programme
- ✿ Serves as subject experts in the interview board
- ✿ Evaluation of co curricular activities.
- ✿ Arranging exhibitions

#### **Collaboration with other college or University faculty:-**

- ✿ Serve as Coordinator, chairman and examiners in the board of practical examination of University of kerala.
- ✿ Serve as chief, examiners in the board of theory examination of University of Kerala.
- ✿ Serve as chairperson/ moderator in various National seminars and Workshops.

## **3.6 BEST PRACTICES IN RESEARCH, CONSULTANCY AND EXTENSION**

### *3.6.1 What are the major measures adopted by the institution to enhance the Quality of Research, Consultancy and Extension activities during the last five years?*

- ✿ Committee for coordinating the work of Research development and Extension.
- ✿ Committee for coordinating the work of Research Publications
- ✿ Conducting International Seminar once in every five years
- ✿ Conducting national and regional Seminars and Workshops periodically.
- ✿ Release of annual compendium on research studies conducted by the institution.

- ✿ Presentation of research papers in Discussion Series organized by IQSC
- ✿ The institution promotes the faculty to present their innovative and research practices
- ✿ Constant promotion for upgradation of teachers through utilization of grants and assistance from national bodies.
- ✿ Efficient monitoring of secretarial practices related with the utilization of grants
- ✿ Establishment of a consultancy cell in the institution to co-ordinate the consultancy practices to other institutions
- ✿ The institution supports and promotes extension activities to organize talks, academic and technical assistance in establishing science labs.

### *3.6.2 What are the significant innovations / good practices in Research, Consultancy and Extension activities of the institution?*

- ✿ The institution has adopted various measures to strengthen the research development and extension activities. A separate committee for research wing headed by the Principal has been maintained in the institution for accelerating the pace of research. The institution continuously promotes and monitors the research and extension activities. The institution publishes a biannual research Journal, Teacher Learner and Society which covers major thrust areas in the field of educational research. An annual compendium on research studies is published by the institution. 9/16 teaching faculty have already completed their doctoral degree and the remaining are on the final stage of completion. Three faculty members have been accorded to the status of research guides by different Universities. The institution avails all the major facilities provided by the Government and other funding agencies for fostering the studies. Provisions are made for doing FIP, major research, and minor research by availing the facilities at national level.
- ✿ The institution has a culture of motivating action research among faculty members. A week long *National Refresher Course cum Workshop in Frontier Areas of Research Methodology for Social Scientists* was organized by IQSC from 17<sup>th</sup> to 22<sup>nd</sup> May 2010. All teachers participated in the programme and enriched themselves with hands-on training in SPSS. Faculty members are constantly encouraged to open new frontiers of knowledge by joining lateral courses on different areas and collaborate with the various research organizations all over the world. Meritorious excellence have been made by the faculty member Dr. K. Y. Benedict by unfolding the research scenario of the institution on an International basis. The research activities carried out in the college so far has been recognized in the International Conference of Educators, Madrid, Spain. The institution organizes international seminar once in five years and national seminars and workshops periodically. The college maintains a Consultancy Cell

for offering consultancy to various institutions regarding establishment of different laboratories, maintenance of infrastructure facilities, accreditation process, staff selection and development etc.

### **Additional Information to be provided by Institutions opting for Re-accreditation / Re-assessment**


- 1. What are the main evaluative observations/suggestions made in the first assessment report with reference to Research Consultancy and Extension and how have they been acted upon?*

<b>Recommendations in the Previous Assessment Report</b>	<b>Steps taken so far to implement the recommendations</b>
<b>Establishment of PG Courses</b>	<b>Started M Ed course and Applied for Research Centre Continual use of computer facilities.</b>

- 2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous assessment and accreditation.*

The institution has Internal Quality Promotion Cell before the first accreditation process. This has been changed to Internal Quality Sustenance cell for the promotion of qualitative enhancement of faculty members. The IQSC is organizing series of programme periodically. The institution's library has been digitalized for smooth functioning of the research work. The institution organised orientation course on Teaching Skills, national refresher course/workshop on Research Methodology for Social Scientists. Three faculty members have been accorded to the status of Research Guides of different Universities inside and outside Kerala.

*As a follow up to the first accreditation comments the college took the following steps*

 **Research Centre Initiatives at the college:-** The College placed application to the University to begin an approved Research Centre immediately after the first accreditation process. The University level site verification and approval is still pending. Meanwhile three of the teachers of the college got approval as Research Guides in Education and Physical Education faculties from Universities in and outside Kerala and they are providing research

guidance. The M.Ed. wing of the college is conducting their research work at the masters level as part of their course dissertation requirements.

**Dr.K.Sivadasan Pillai's Contribution Pavilion:-** Dr. K.Sivadasan Pillai a prominent figure of the alumni of the college before his demise contributed a portion of his journal and book collection to the PG department of the college and the same is kept as a separate pavilion for reference in the college library. The everlasting memory of the dynamic leadership and vision of Dr. K.Sivadasan Pillai, who was a champion in the Adult and Continuing Education movements of our country will be kept alive through the pavilion.

**Dr. N.Vedamani Manual Memory Corner:-** In memory of Dr. N.Vedamani Manuel, a veteran educationalist cum researcher of the country, who was a mentor to five of our teachers in Educational Research, the college specially designed a memory corner to commemorate his everlasting memory using the books, theses, musical instruments and other volumes donated by his family members after his departure to heavenly peace. The same is available for reference to researchers.

**Origin of C<sup>3</sup> Foundation concept as an offshoot of research culture of the college:-** A natural offshoot of the research culture of the institution is the formation of an NGO movement called C<sup>3</sup> Foundation. The Creative Curriculum Concept Foundation, eventhough founded by Dr. K.Y.Benedict and his research students; functions in collaboration with all the faculty members of the college, which aims at the formulation of a creative curricular movement of Kerala origin. The Maria Montessori Centenary Celebration and the one-week long Social Science Research Methodology Course are two cases of results of meaningful collaboration of the college and C<sup>3</sup> Foundation.

**Beginning of PG course:-** The institution had taken up the suggestion seriously and started PG- M. Ed course in 2006.

**Guideship:-** Five of the faculty members are accorded to the status of research guides. One of the research scholars of Dr.T. P. Jose is awarded with the doctoral degree.

