



ST. THOMAS' COLLEGE (Autonomous) THRISSUR

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SELF STUDY REPORT 2011-2015

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)



ST. THOMAS' COLLEGE (AUTONOMOUS)
THRISSUR, KERALA – 680 001

(Affiliated to the University of Calicut)

SELF STUDY REPORT
2011-2015

For the IIIrd Cycle of Accreditation

Submitted to the
National Accreditation and Assessment Committee
Bangalore

<http://stthomas.ac.in>

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PREFACE

It is a pleasant privilege to present the Self Study Report for the third cycle of re-accreditation. The SSR graphically portrays all significant activities after the second cycle of accreditation and it is a sincere expression of the institution's genuine intention to sustain and enhance quality. This document also attempts to provide a crystal clear picture of the magnificent effort by the institution to implement autonomy. The reaccreditation process and its record, the SSR, are designed and set keeping in mind the vision of the founding fathers of St. Thomas' College more than a century ago: "... the College throws its doors wide open to students of all castes and creeds. The diffusion of Knowledge and Truth and the promotion of peace and concord among the various sections of the people will be its goal and ambition." This laborious attempt is made possible by the whole hearted cooperation and support of many stakeholders of the Institution. This attempt has been self-reflexive and self-explorative and has remarkably helped us in recognising our strengths and challenges.

Dr. P.O. Jenson
Principal



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EXECUTIVE SUMMARY

History

St. Thomas' College was founded as an educational institution in 1889 by the then Vicar Apostolic of Thrissur, Rt. Rev. Adolphus Edwin Medlycott, PhD, a former Professor of Rhetoric at the Propaganda College, Rome. The College began as a High School in 1894 under the managership of Fr. Zambanelli, and Fr. Paul Alappatt, Ph.D. was appointed as the Manager and Rector of the institution in 1895. The University of Madras gave formal affiliation in Group III in April 1919 and the St. Thomas' High School formally became a Second Grade College with Fr. John Palocaren as the first Principal. The Junior Intermediate College started on 8th June 1919 with 96 students and 5 teachers. The College rose to the status of a First Grade College in History Group in March 1925. With the formation of Universities in Kerala, the College was affiliated to the University of Kerala in 1957 and to the University of Calicut in 1968.

St. Thomas' College was accredited for the second time in 2010 by the National Assessment and Accreditation Council with A grade for a period of five years with CGPA of 3.58 on a four point scale. The UGC granted Autonomous Status to the College on 13.06.2014. The College continuously engages the suggestions, demands and requests through a wide variety of institutional mechanisms such as Academic Council, Boards of Studies, Parent Teachers Association, IQAC, Department Councils, College Council, College Union, etc. The College has 23 departments, 14 PG programmes 23 UG programmes and 8 research centres. Alumni association, PTA and Management of the College are active in promoting the academic and administrative aspects of the College.

CRITERION I: CURRICULAR ASPECTS

As a pioneering institution of higher education in Kerala, St. Thomas' College won 3.58 points in a 4.0 scale during the NAAC Peer Team visit in 2010 and got re-accredited on 8th January 2011. The College has become the first Autonomous College in the University of Calicut in 2014.

Established in 1919, St. Thomas' College has a remarkable history of imparting knowledge to generations of students and the College strives to achieve excellence in teaching, training and research. To a large extent, the drive for academic excellence is accomplished through curriculum development and is in tune with the vision and mission of the institution. "The diffusion of Knowledge and Truth and the promotion of peace and concord among the various sections of the people" as evinced in the words of the founding fathers of the institution find the best expressions in curriculum design and development.

The two significant dimensions of curriculum design are the informal system of curriculum design and the official system of curriculum design resulting in the incorporation of students, academics, experts, management and other stake holders in the academic process. Employability, Innovation, and Research are the fundamental principles behind curriculum design and the focus on the scope for employment is given highest social priority without compromising the research aspect.

Syllabus Monitoring Cell of the College continuously reviews the syllabi and offers suggestions for change. The College has developed curriculum for two aided and three unaided programmes in the last five years. In the wake of Autonomy all

departments have redesigned the curriculum of UG and PG programmes with a thrust on Academic advancements, research orientations and the requirements of the industry. In order to cater to the needs of the emerging trends among students, departments have developed one certificate programme for UG and PG programmes. The College has 2752 students, 147 teachers, 23 research supervisors and 53 research students in 8 research centres. The Academic Council and Boards of Studies have many nationally and internationally reputed scholars and personalities as experts. The College also serves as a centre for the distance learning programmes of the University of Calicut.

CRITERION II: TEACHING-LEARNING AND EVALUATION

The elegant history and legacy of St. Thomas' College has always attracted students from across the state and country. The teaching- learning process in the College is envisioned as the quintessence of education. The admissions are conducted strictly in accordance with the norms prescribed by the UGC, University of Calicut and Government of Kerala. The academic activities of the College are followed as per the academic calendar published at the beginning of every year.

Transparency and efficiency is guaranteed in the admission process of all UG, PG and Ph.D. Programmes. The admission process is managed online through the Academic Management System. At the end of the admission process, every year, the Admission Committee reviews the entire process from the receipt of application to the publication of the final rank list.

Economically weaker sections, SC, ST, OBC and women students have increased access to higher education through scholarships and endowments offered by the Government and by the management. Remedial Coaching Programmes are frequently offered to cater to the needs of weaker students. External resource persons and eminent personalities are frequently invited to interact with the students. The teachers are earnestly involved in addressing adequately and appropriately the issues of the students.

Participative learning, debates, discussions, peer learning and student seminars together with ICT enabled teaching learning process transformed the academic environment in the College. Many students are admitted for higher studies in prestigious institutions after completion of their Programmes.

The departments of the college have designed their learning-outcomes based on their specific disciplinary backgrounds. At the departmental level, orientation programmes, seminars and discussions are conducted to sensitize students about the specific goals, targets, career options and research focus of the discipline. The eminence of the teaching staff is one of the most salient features of St. Thomas' College as a higher educational Institution. 50 teachers have Ph.D. and 30 teachers have M.Phil. Degrees.

The evaluation system is monitored and organized by the Controller of Examination whose efforts are crucial in making the evaluation system error free. IQAC is consistently monitoring the tasks of quality maintenance through various measures. Student Evaluation of Teachers (SET) is one among them. The library as the focus of student centred teaching learning process is further enhanced by the introduction of N-LIST and Integrated Library Management System using *Koha*. Students support programmes such as ASAP, SASAP, WWS, Communication Skill

Development and Soft Skill Development programmes and other student enrichment programmes are special features of the teaching process.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

College has initiated exemplary research activities in the eight approved research centres namely Zoology, Chemistry, English, Economics, Statistics, Commerce, Botany and Mathematics. There are twenty three research supervisors, two post-doctoral fellows and fifty three research scholars in the research centres engaged consistently in quality research. The Research Council insists on the research scholars to undergo a review of the progress of research and to submit a report every six months. Research Centres in Science are planning to develop a Sophisticated Instrumentation Facility Centre (SIFC) to enhance interdisciplinary research. Research departments have given proper orientation in interdisciplinary research through seminars and workshops. Project proposals are properly evaluated by an expert committee of the Research Council and shortlisted proposals are forwarded to the UGC.

The College takes effective steps to bring the findings/results of research work done by the faculty and research scholars to the community through various channels. The College Library serves as a resource centre for researchers with its online resources such as INFLIBNET N-LIST, e-books and a remarkable collection of journals. The research workshops and conferences organized frequently by the departments and research centres have a seminal role in shaping up a research environment and culture in the College. Consultancy and patents are envisaged as the next move in academic research. Research and extension is at the forefront of research development plans of the institution. Many teachers serve as Research admission Committee members, Dissertation evaluators, Members of the Boards of Studies, Subject experts etc. A remarkable number of national and international level papers and books are published by the faculty and research scholars as a result of the intense research work in the research centres and departments. Collaborative research and interdisciplinary research are also promoted by the College. The research infrastructure is supported by the Department of Science and Technology and FIST.

The faculty has completed major research projects worth Rs. 1,20,91,000/- and minor research projects worth Rs. 17,94,000/-. There are ongoing major research projects for Rs. 29,46,500/- and minor projects for Rs. 62,55,000/-.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

Easy access was the primary reason for choosing the location of the College one hundred years back at the heart of Thrissur town. The College is planning to shift to the Centenary Campus in 2019 to provide more infrastructure, facilities, well equipped laboratories, centralised library and hostels for women and men.

The College has a total campus area of 28.87 acres with five campuses namely the Administrative Block, Academic Block, Jubilee Block for self financing programmes, the Sports Complex and the Centenary Campus with a built in area of 16567 Sq m. The College has 102 well equipped class rooms and 20 smart class rooms. The College owns two air conditioned seminar halls, one air conditioned conference room and 4 meeting halls. There is an open air theatre named Gandhi Smrithi. The Sports Complex comprises of Outdoor Stadium, Athletic Track, Cricket Pitch, Football Ground, Indoor Stadium and the Fitness Centre. The centralised

instrumentation facility is an innovation developed through the support of DST-FIST programme. The Visual Communication Department has shooting floor, Sound recording studio, Editing Suites and still photography floor. The Department of Library houses around one lakh books and is one of the largest and the oldest college libraries in Kerala.

The College has subscription to e-resources such as INFLIBNET N-LIST, International Monetary Fund's (IMF) e-Library and Sage online Journals. The College has 7 full-fledged Computer Laboratories and more than 300 computers. Online Academic Management System is managed by a reputed IT firm. The College Website and Integrated Library Management System of the College are managed in-house. The entire campus is networked with the support of National Mission in Education through ICT of MHRD.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

A wide variety of activities are brought to promote student support in the College. Personal Counselling Centre, Guidance, Class-wise PTAs, Library training, Remedial Coaching, Grooming workshops, Arts training and Career orientation are some of the innovative concepts established as part of student support process. One Hundred and Eleven Endowments, scholarships and awards are mobilised to support students financially.

The College Manual consists of all significant information regarding the management, administration, academia, curricular and co-curricular activities and programmes. Additional Skill Acquisition Programme (ASAP), Soft skill Development, Communication Skill Development Programme (CSDP), Advanced Certificate Courses in skills, B.Voc. Programme in MLT and DFP, Community College Programme and Computer Skill training in Library are some of the dominant features of students progress project. The Career Guidance and Placement Cell is the most remarkable element which provides soft skill and communication skill development programmes and campus placement drives. NCC and NSS are immensely active in orienting students and 22 Clubs promote community activities. The Physical education department which gave birth to hundreds of renowned sports persons has won many times the best department award in the University of Calicut.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

The diffusion of knowledge and truth is envisaged as the prime focus of the mission of the College. A holistic vision pertaining to the administration, leadership and management is the kernel practice of governance. Through democratic and decentralized governance, the College makes sure that students are equipped with the ideals of secularism, national integration and inter-religious harmony. The Manager and the Governing Council to formulate policies. The Manager interacts with students, staff and other stakeholders. The Academic Council serves as the supreme body in academic matters. The Boards of Studies in various disciplines serve as the decisive organisations in each discipline. The College Council extends advisory support to the Principal. The IQAC implements policy changes regarding human resource and develops strategies for enhancing the academic quality. In the wake of awarding the status of autonomy the college has brought about significant structural and developmental changes in various sectors of the administration and academics. Orientation programmes for faculty, administrative staff and students are conducted to inculcate the vision of the College. College Union and Yuva Sabha are platforms for

the student community to express their views and suggestions in a parliamentary way. Skill development and entrepreneurship development are the most remarkable contributions to national development. Academic Management System, the online facility to manage and monitor academic activities from admission to evaluation and publication of results is one of the strengths of academic administration while ICT enabled learning and teaching enriches academic environment. Teachers are encouraged to take up Faculty Development Programme, refresher courses and orientation programmes.

CRITERIA VII: INNOVATION AND BEST PRACTICES

Criteria seven is a comprehensive analysis of three dimensions of activities in the College: The Environmental aspects, Innovations and Best practices. The environmental aspects have always been at the core of planning and implementation of all activities. A wide variety of programmes are being organised to promote environmental consciousness and sensitize students on the need for conservation. Exemplary academic activities such as Citation Analysis for Researchers, Curriculum Design and Development and new skill based programmes in media and communication studies are identified as the best innovative practices in the last five years.

Through Citation Analysis for researchers, authors can check who is citing their publications, graph citations over time, and compute bibliometrics. As a part of the innovations in curriculum design and development in new and emerging areas, a broad spectrum of efforts has been launched over the years, keeping in mind the ample possibilities of autonomy for colleges. All UG and PG programmes have been strategically restructured keeping in mind the technological and scientific advancements, new theories and contexts in social sciences and humanities. The best practices; St. Thomas for Students' Excellence (SSE) and St. Thomas' For Society (SFS) are designed to instil humanitarian and social values among students. SSE is a conglomeration of all coaching programmes meant for students inside and outside the campus. SFS is to reach out to the society at large and to give back to the community and nation.

SWOC ANALYSIS

The SWOC analysis of St. Thomas' College is conducted with certain features of higher education, quality enhancement, pedagogical orientations and academics and administration of the College in view. The analysis brought home some salient features of research and development, career placement and training, skill based training and the vigour of social activities of students and teachers. At the same time the analysis explicated some of the serious challenges the institution faces in the context of globalised education, changing facets of job market and rapidly transfiguring research requirements.

Strengths

- Oldest Catholic College in Kerala, with around 100 years' tradition of social commitment and helping local community.
- Shown mettle in academics, social responsibility, national integration and global outlook.
- High ranking in NAAC accreditation and the College has shown continuous improvement in the field of higher education and research in the State of Kerala.
- Granted autonomous status in the year 2014
- Student-centric pedagogy, governance and administration.
- Active participation of all stakeholders in academics and administration. Horizontal and lateral approaches, rather than top-down and vertical approaches.
- Students, brilliant in academics, win high positions in university exams and UGC/CSIR/NET/JRF and join for research.
- Students with social and national commitment take up ventures which brighten and positively develop local community and the nation. SFS and SSE are initiatives in this regard.
- Students, emerge winners in national and international level sports, games and cultural festivals.
- Eight departments are recognised as research centres by the affiliating University.
- Started five under graduate programmes, two Post graduate programmes, two B Voc programmes, one PG Diploma programme and one community college programme in the last five years.
- More number of female members of faculty are inducted in recent years.
- Tie up with well-maintained women hostels is established for female students and staff.
- 70% of UG and 85% of PG students are girls.
- St. Thomas' College offers chance for women students for PG and research. Out of the 53 research students, 39 are women.
- Women's Cell supervises activities and facilities for women.
- Sick/Waiting rooms one in each block for women.
- Highly qualified, experienced and energetic faculty.
- Pro-active support by the management in introducing new technology and expanding infrastructural facilities.

- Grooming of intellectual culture among students through international exposure, interaction with eminent personalities and cutting edge research.
- Promotion of value based education is materialized with orientation talks by intelligentsia.
- Skill based courses in Media and Communication Studies and Medical Laboratory Technology.
- State-of-the-art technology and equipment in Science laboratories and Visual Media Laboratories.
- One year diploma in Visual Communication under the Community College Programme.
- Certificate/Diploma courses are schemed so as to equip the candidates to keep abreast with the development in technology and communication.
- Academic and administrative processes are effected through academic software platform, high computer/student ratio, Wi-Fi and internet coverage in the whole campus and online journals and e-books.
- A library with around one lakh books to its credit.
- The feedback of the students, alumni and other stakeholders are considered while designing the syllabi. The curriculum is restructured so as to make the students fit to meet the academic and job market demands.
- Fool – proof internal assessment is done by way of internal exams, seminars, assignments etc. Systematic and rigorous methods are employed in conducting the end semester exams.
- Best Physical Education Department in the University of Calicut.
- International students are given admission based on student exchange programme by Government.
- MoUs and partnership with national and international institutions and organizations.
- A campus friendly with students who are differently abled by offering them various facilities like ramps, computer screen reader software etc.
- International and national visibility through innovative conferences and seminars.
- Career Guidance and Placement Cell trains students in soft skill development and coaches them to excel in their career

Weakness

- Being in the heart of Thrissur city, space for the expansion of the campus has always been a troubling matter.
- Decentralized library.
- Inflexibility of the affiliating system in curriculum design and development.
- Inadequate funding for infrastructure development.
- Problems faced in international exchange for students and teachers.
- Lack of adequate scholarship and funding for deserving students.
- Restrictions from the Government and University impede free development.
- Difficulties in mobilising funds for the development of sophisticated laboratories.

Opportunities

- Potential to attain the status of Centre of Excellence.
- Advanced research and interaction with national and international institutions through signing of MoUs and students and teachers exchange programmes.
- Introduction of more add-on courses.
- Develop research and consultancy
- Make use of the resources of the national and international alumni.
- Outreach programmes in science, technology and humanities in collaboration with local community and local administrative institutions like KILA

Challenges

- Increase the employability and placement of students.
- To find funding for infrastructure development and upgrading.
- Convert all departments into research centres.
- Inspire the students to undertake research programmes.
- Guide the students to be more responsible in the learning process.
- Make the students proficient in the use of international languages.
- Have a publication wing since the college has got autonomy.
- Mould the students to be responsible citizens, even in adverse atmosphere.
- The execution of the centenary campus by 2019.



PROFILE OF THE AUTONOMOUS COLLEGE

1. Name and Address of the College:

Name : **St. Thomas' College (Autonomous), Thrissur**
Address : **St. Thomas' College (Autonomous), Thrissur**
City : **Thrissur** PIN : **680 001**
State : **Kerala**
Website : **<http://stthomas.ac.in>**

2. For communication:

Designation	Name	Telephone With STD Code	Mobile	Fax	Email
Principal	Dr. P. O. Jenson	0487 2444486	9447270095	0487 2421510	stcthrissur@gmail.com
Vice Principals	Fr. Baiju Ckhakkery	0487 2333018	9495465401		baijuachan@gmail.com
	Dr. Thomas Paul Kattookaran	0487 2253948	9446622342		thomascommerce@gmail.com
	Dr. Ignatius Antony	0487 2423408	9496217317		ignatiusantonyk@gmail.com
Steering Committee Coordinator	Dr. Thomas Paul Kattookaran	0487 2253948	9446622342		thomascommerce@gmail.com

3. Status of the Autonomous College by management.

- I. Government
- II. Private ✓
- III. Constituent College of the University

4. Name of University to which the College is affiliated: **University of Calicut**

5.

- a. **Date of establishment, prior to the grant of 'Autonomy': April 1919**
- b. **Date of grant of 'Autonomy' to the College by UGC: 13/06/2014**

6. Type of Institution:

- a) By Gender
 - a. For Men
 - b. For Women

- c. Co-education ✓
- b) By Shift
- a. Regular ✓
- b. Day ✓
- c. Evening
- d. Source of funding
- e. Government
- f. Grant-in-aid ✓
- g. Self-financing
- c) Any other (Please specify)
7. It is a recognized minority institution? **Yes**
If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence: **Religious Minority** (Certificate attached as Encl.1)
- 8.
- a) Details of UGC recognition: Under Section Date, Month & Year Remarks (if any)
- a. 2 (f) As per UGC Act 1956
- b. 12 (B) (29-03-1995)
- (Certificate of recognition under 2 (f) and 12 (B) of the UGC Act enclosed)
- b) Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.): **Not Applicable**
- Under Section / Clause Day, Month and Year
9. Has the college recognized
- a. By UGC as a College with Potential for Excellence (CPE)?: **Applied and completed interface.**
- b. For its contributions / performance by any other governmental agency? : **No**
10. Location of the campus and area:
- Location : Urban
- Campus area in acres : 28.87 acres
- Built up area in Sq. Mts : 16567 Sq. Mts.
- (Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)
11. Does the College have the following facilities on the campus (Tick the available facility)? In case the College has an agreement with other agencies in using such facilities provide information on the facilities covered under the agreement.
- Auditorium/seminar complex
- Sports facilities
- play ground: ✓
(The Sports Complex comprises of Outdoor Stadium, Indoor Stadium, Athletic Track, Cricket Pitch)
 - Swimming pool No
 - Gymnasium ✓

- Hostel ✓
 - Boys' hostels ✓
 - Girls' hostels ✓
- Residential facilities
- for teaching staff
 - for non teaching staff
 - Cafeteria ✓
 - Health centre
 - First aid facility ✓
 - Inpatient facility
 - Outpatient facility
 - Ambulance facility
 - Emergency care facility

Health centre staff –

- ❖ Qualified doctor Full time Part-time ✓
- ❖ Qualified Nurse Full time Part-time
- ❖ Other facilities
 - Bank
 - ATM ✓
 - Post Office
 - Book Shops ✓
- ❖ Transport facilities
 - for students
 - for staff
- ❖ Power house ✓
- ❖ Waste management facility ✓

12. Details of programmes offered by the institution: (Give data for current academic year)

Sl. No	Programme Level	Name of the Programme/course	Duration (Years)	Entry Qualification	Medium of Instruction	Sanctioned/ Approved Student intake	No. of students admitted
1	UG	1.B.Sc Mathematics with Computer Application	3	Plus two	English	60	48
		2.B.Sc Mathematics with Physics	3	Plus two	English	60	48
		3.B.Sc Statistics	3	Plus two	English	24	30
		4.B.Sc	3	Plus two	English	56	48

		Physics					
		5.B.Sc Chemistry	3	Plus two	English	56	48
		6.B.Sc Botany	3	Plus two	English	40	36
		7.B.Sc Zoology	3	Plus two	English	40	36
		8.B.Sc Computer Science	3	Plus two	English	36	36
		9.B.Com Finance	3	Plus two	English	60	60
		10.B.Com Banking	3	Plus two	English	60	60
		11.B.A Economics	3	Plus two	English	60	60
		12.B.A English & History	3	Plus two	English	60	60
		13.B.Sc Electronics	3	Plus two	English	36	34
		14.BCA	3	Plus two	English	30	36
		15.BVC	3	Plus two	English	30	30
		16.BMMC	3	Plus two	English	24	24
		17.B.Com Finance	3	Plus two	English	40	50
		18.BBA	3	Plus two	English	40	50
		19.B.Voc Digital Film Production	3	Plus two	English	50	22
		20.B.Voc Medical Laboratory Technology	3	Plus two	English	50	25
2.	PG	1.M.Sc Mathematics	2	Degree	English	20	20
		2.M.Sc Statistics	2	Degree	English	10	12
		3.M.Sc Physics	2	Degree	English	12	12
		4.M.Sc Chemistry	2	Degree	English	12	12
		5.M.Sc Botany	2	Degree	English	12	12
		6.M.Sc Zoology	2	Degree	English	12	12
		7.M.A Economics	2	Degree	English	20	20

		8.M.A English	2	Degree	English	20	20
		9.M.Com	2	Degree	English	15	20
		10.M.Sc Computer Science (1)	2	Degree	English	12	12
		11.M.Sc Computer Science(2)	2	Degree	English	12	12
		12.M.Sc Electronics	2	Degree	English	12	12
		13.M.S.W	2	Degree	English	20	20
		14.MVC	2	Degree	English	12	9
3.	Ph.D.	Zoology	3 – 5				6
		Chemistry	3 – 5				12
		English	3 – 5				21
		Economics	3 – 5				
		Statistics	3 – 5				1
		Commerce	3 – 5				5
		Botany	3 – 5				-
		Mathematics	3 – 5				-
4	PG Diploma	Industrial catalysis and Sustainable chemistry	1	PG	English	12	6
5	Community College	Diploma in Visual Communication	1	Plus Two	English	50	13

13. Does the institution offer self-financed Programmes? **Yes**
If yes, how many? **6 UG and 4 PG**
14. Whether new programmes have been introduced during the last five years?
Yes
If yes, **number 10**
15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

Sl No	Department
1	English
2	Malayalam
3	Hindi
4	Sanskrit
5	Mathematics
6	Statistics
7	Computer Science
8	Physics

9	Chemistry
10	Botany
11	Zoology
12	Economics
13	History
14	Political Science
15	Commerce & Management Studies
16	Computer Application
17	Electronics
18	Social Work
19	Commerce
20	Management
21	Visual Communication
22	Physical Education

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details. **No.**
17. Number of Programmes offered under (Programme means a degree course like BA, MA, BSc, MSc, B.Com etc.)
- c) annual system
 - d) semester system- 34 + (1 PG Diploma Programme and 1 Community College)
 - e) trimester system
18. Number of Programmes with
- a) Choice Based Credit System - 36
 - b) Inter/Multidisciplinary Approach
 - c) Any other (specify)
19. Unit Cost of Education (Per year)
(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)
- (a) including the salary component Rs. 42,123/-
 - (b) excluding the salary component Rs. 14,121/-
20. Does the College have a department of Teacher Education offering NCTE recognized degree programmes in Education? **No**
21. Does the College have a teaching department of Physical Education offering NCTE recognized degree programmes in Physical Education? **No**
22. Whether the College is offering professional programme? **No.**
23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon. **No**

24. Number of teaching and non-teaching positions in the College:

Positions		Teaching Staff			Non Teaching Staff	Technical Staff
		Professor	Associa. Professor	Assistant Professor		
Sanctioned by the UGC /University /State Government			30	73	46	
Recruited	Male		30	43	39	
	Female			30		
Yet to Recruit				2	7	
Sanctioned by the Management/ Society or other authorised body				44	17	
Recruited	Male			22	11	
	Female			22	6	
Yet to Recruit						

25. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D			18	Nil	20	10	48
M.Phil			5	Nil	3	5	13
PG			7	Nil	20	15	42
Teachers in Self Financing Section							
Ph.D					2	Nil	2
M.Phil					Nil	1	1
PG					20	21	41
Part-time teacher							
Ph.D							
M.Phil							
PG							1

26. Number of Visiting Faculty/ Guest Faculty engaged by the College: Nil

27. Students enrolled in the College during the current academic year, with the following details:

Category	2015	
	Male	Female
SC	42	84
ST	7	0
OBC	51	91
OEC	4	6
General	285	394
Totals	389	575

28. Dropout rate in UG and PG (average for the last two batches)

Undergraduate Programmes:

Programmes	Average of 2013-2014 and 2014-2015	
	Dropout	Complete
BSc (Botany)	Nil	100%
B. Com (Finance)	8.33%	91.67%
B. Com(Banking)	1.7%	98.3%
B A (Economics)	Nil	100%
B Sc (Electronics)	5.88%	94.12%
B A (History)	Nil	100%
B Sc (Physics)	Nil	100%
B Sc (Statistics)	Nil	100%
B Sc (Computer Science)	3.33%	96.77%
B A (English)	Nil	100%
B Sc (Computer Application)	Nil	100%
B Sc (Zoology)	6%	94%
B Sc (Mathematics)	12%	98%
B Sc (Chemistry)	6.67%	93.33%
B. Com (Self financing)	Nil	100%
BBA	6%	94%
BVC	Nil	100%
BMMC	Nil	100%
B. Voc	4%	96%

Post Graduate Programmes

Programmes	Average of 2013-2014 and 2014-2015	
	Dropout	Complete
M. Com	Nil	100%
MA (Economics)	2.5%	97.5%
MA(English)	Nil	100%
MSW	Nil	100%

MSc(Electronics)	Nil	100%
MSc (Statistics)	Nil	100%
MSc (Computer science)- SF	Nil	100%
MSc (Computer science)	Nil	100%
MSc (Maths)	7.5%	92.5%
MSc (Physics)	8%	92%
MSc (Botany)	Nil	100%
MSc (Zoology)	Nil	100%
MSc (Chemistry)	8%	92%

29. Number of working days during the last academic year: **201**
30. Number of teaching days during the last academic year: **189**
31. Is the College registered as a study centre for offering distance education programmes for any University? **Yes (University of Calicut)**
32. Provide Teacher-student ratio for each of the programme/course offered:

Programme Level	Name of the Programme/ course	Sanctioned/ Approved Student intake	Teacher-Student ratio
UG	1. B.Sc Mathematics with Computer Application	60	1:32
	2. B.Sc Mathematics with Physics	60	1:32
	3. B.Sc Statistics	30	1:32
	4. B.Sc Physics	56	1:32
	5. B.Sc Chemistry	56	1:32
	6. B.Sc Botany	40	1:32
	7. B.Sc Zoology	40	1:32
	8. B.Sc Computer Science	36	1:32
	9. B.Com Finance	60	1:46
	10. B.Com Banking	60	1:46
	11. B.A Economics	60	1:46
	12. B.A English & History	60	1:46
	13. B.Sc Electronics	36	1:32
	14. BCA	30	1:32
	15. BVC	30	1:30
	16. BMMC	24	1:30
	17. B.Com Finance (SF)	40	1:30
	18. BBA	40	1:30
	19. B Voc Digital Film Production	50	1:20
	20. B Voc Medical Laboratory Technology	50	1:20
	1. M.Sc Mathematics	20	1:5

PG	2. M.Sc Statistics	12	1:5
	3. M.Sc Physics	12	1:5
	4. M.Sc Chemistry	12	1:5
	5. M.Sc Botany	12	1:5
	6. M.Sc Zoology	12	1:5
	7. M.A Economics	20	1:8
	8. M.A English	20	1:8
	9. M.Com	20	1:8
	10. M.Sc Computer Science	12	1:5
	11. M.Sc Electronics	12	1:5
	12. M.S.W	20	1:8
	13. MVC	12	1:3
	14. M.Sc Computer Science (SF)	12	1:5

33. Is the College applying for?
Accreditation : Cycle 3

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 16/02/2004 Accreditation outcome/results: B++ (83%)

Cycle 2: 08/01/2011 Accreditation outcome/results: A (3.58/4)

* Kindly enclose copy of accreditation certificate(s) and peer team report(s)

Cycle 1 refers to first accreditation; Cycle 2 and beyond refers to reaccreditation

35. a. Date of establishment of Internal Quality Assurance Cell (IQAC)
08/06/2004

b. Dates of submission of Annual Quality Assurance Reports (AQARs).

AQAR-2010-11 Submitted on 22/10/2011

AQAR-2011-12 Submitted on 01/12/2012

AQAR-2012-13 Submitted on 10/12/2013

AQAR-2013-14 Submitted on 12/07/2014

AQAR-2014-15 Submitted on 11/03/2016

36. Any other relevant data, the College would like to include.

St. Thomas' College, Thrissur was awarded Autonomous Status in the year 2014 and the updated syllabi and curricula are awaiting approval from the affiliating University.

CRITERION I CURRICULAR ASPECTS

St. Thomas' College (Autonomous), Thrissur is the premier Catholic College in Kerala founded by His Excellency Rt. Rev. Adolphus Medlycott, Ph.D, the Vicar Apostolic of Trichur. The college has a meritorious educational tradition and is one of the leading centres of higher education in Kerala since 1919. This institution is older than all the Universities in Kerala and presently is one of the largest and most reputed Arts and Science Colleges in the State. Considering these and other laudable merits, the UGC honoured this institution by awarding autonomy. St. Thomas' College is the first Autonomous College of the University of Calicut in 2014.

St. Thomas' College (Autonomous), has a noteworthy history of imparting education to many generations and the institution thrives to greater excellence in teaching, training and research. The programmes of study offered have attracted some of the luminous scholars from not only Kerala and different parts of the country, but various other parts of Asia and Africa as well. No doubt, the alumni trained here have accomplished stupendous contributions to academics, governance, and industry.

Closely adhering to the vision and mission of this tower of learning, the curriculum designed and developed in St. Thomas' College (Autonomous) is congenial to a metamorphosis as its potential to transform students into future generation of leaders of the nation who are imbued with social commitment, moral virtues, and spiritual vision is exemplary. Besides, the curriculum aims at holistic development of youth by making them physically robust, mentally mature, psychologically stable, intellectually vigorous and spiritually serene. No doubt, such a curriculum leads to sustainable living and it contributes to the country's progress and development, which ultimately aids to attain the social reformation that the Constitution of India ideally envisions.

1.1 Curriculum Design and Development

Curriculum is the soul of teaching-learning-evaluation process in higher education. The efficiency of the curriculum designed and developed is appraised by its employability, innovation, research potential, relevance, competence and modernity. With its new autonomous status, this institution has been devoted to attain these objectives in framing its own curriculum, although it is too premature now to evaluate the results of this process. While being motivated to attain the best achievements, St. Thomas' College (Autonomous) has always been enthusiastic to uphold the efficiency of the curriculum while designing and developing it being congenial to the vision and mission of the institution.

1.1.1 How are the institutional vision / mission reflected in the academic programmes of the College?

The objectives of St. Thomas' College as an institution of higher education are the intellectual excellence, imparting of skills and formation of good citizens of character and ability committed to the service of fellowmen. The vision of the founders of this College is the formation of good students imbued with the ideals of conduct and pattern of life of ideal citizens of the country. In fact, the College intends to stress on the primacy of moral, spiritual and ethical values in the integrated development of the students. These objectives are achieved with the help of the personality, character, disposition, example, motivation and dedication of all those who are involved in academic and management activities.

Msgr. John Palocaren, M.A. (Edin.), the first Principal of St. Thomas College, who prioritized the vision and mission of the College pointed out on the occasion of the founding the College in 1919 that "... the College throws its doors wide open to students of all castes and creeds. The diffusion of Knowledge and Truth and the promotion of peace and concord among the various sections of the people will be its goal and ambition. The authorities of the College have accordingly chosen for its motto: *Veritas Vos Liberabit*: Truth will set you free (Jn 8:32), "free from the bondage of ignorance, of superstitions, of prejudice and above all of class hatred. May Truth prevail ever more and more! May its kindly light lead us at last to the perfect "Liberty of the children of God", which is the surest foundation for the "Universal Brotherhood of Men".

The above mentioned vision and mission of the founding fathers of the College are definitely reflected in the curriculum framing process. Ever since the establishment of this educational institution, St. Thomas' College firmly believes that the curriculum of this higher citadel of learning must impart knowledge, skills, and wisdom to the students while moulding their character. 'Knowledge' transferred to the students in turn helps them to attain self-knowledge and make them capable of assessing the newly acquired knowledge on the basis of an awareness of what they have already known. Obtaining the requisite 'Skills' leads the students to transfer their theoretical knowledge to the realms of practice. 'Wisdom' enables the students to be their own masters by setting up their priorities confidently. This institution believes that 'Character Development' is the outcome of a combination of knowledge, skills, and wisdom coupled with motivation and moral uprightness. Character development is recognized by certain virtues, viz., honesty, integrity, initiative, curiosity, cooperativeness, truthfulness, self-esteem, and the ability to work individually and in groups. As the curriculum is designed and developed to enable the students to realize themselves to be the embodiment of all the above virtues, they attain the Truth and they become truly liberated citizens of our nation. Then, they are the perennial practitioners of the motto of St. Thomas' College: *Veritas Vos Liberabit* –Truth will set you free.

1.1.2 Describe the mechanism used in the design and development of the curriculum? Give details of the process. (Need Assessment, Feedback, etc)

As St. Thomas' College has attained the autonomous status since 2014, it has been on a progressive step to design and develop the curriculum of the college on its own. It is, however, a praiseworthy observation that the steady process of curriculum design and development as an autonomous institution began confidently at the first instance of receiving autonomy primarily because of the meritorious enterprises of the teaching staff of the college who have been partaking in supplementing the university-framed curriculum by their involvement in educational research, conducting seminars and conferences for scholars, organizing co-curricular activities for students, and by guiding students to conduct their projects as well as advising them to write their assignments. These initiatives of the faculty have aimed to complement the students to their targets of high employability.

Two parallel yet different strands of processes have been actively involved in the curriculum design and development in the College:

- (1) Informal System of Curriculum Design
- (2) Official System of Curriculum Design

Informal System of Curriculum Design:

- At the end of every Academic Programme, feedbacks of the students are collected to demarcate the merits as well as shortcomings of the curriculum imparted. These feedbacks are recorded as of utmost importance because they are the firsthand reports from the beneficiary.
- Guidelines in framing syllabus given by the apex educational authorities such as UGC, Ministry of Higher Education, DST, RUSA, etc. are taken seriously and implemented considering the practical situations in the State.
- Teachers are encouraged to participate in Refresher Courses, Orientation Programmes, Conferences, Seminars, and Workshops with the aim of obtaining exposure and acquiring new knowledge to enable them to initiate innovations in curriculum design and development.
- The Chairmen of Boards of Studies and Heads of Departments take initiatives to collect feedback from question paper setters, external examiners, and subject experts in order to note the shortcomings of the existing curriculum.
- Educational Experts and Representatives from the Industry in Academic Council advice the College authorities on innovations in curriculum formation.
- The Management Committee and the Governing Council of the College consist of experts in education and they take active participation in offering suggestions for improvement in the curriculum design and development in various programmes.
- External experts in the various Boards of Studies of the college offer suggestions to the departments on contemporary relevance and employability of various programmes.
- Veteran scholars retired from the College, highly educated well-wishers and benefactors of the Institution, and educationally successful alumni incessantly evaluate the curriculum and offer valuable suggestions for improvement in employability, research, and innovative aspects of the curriculum.
- Educational visionaries and scholars from other universities within the country and abroad are encouraged to offer expert opinions on curriculum revision and implementation.
- A team of teachers from each department are assigned with the duty to carefully observe, analyze, and note the merits of curricula offered in institutions of national importance, other universities, and in renowned autonomous institutions.
- Every department in the college is encouraged to invite experts in relevant industry to offer opinions and suggestions for the scope of improving the curriculum.
- Suggestions from the agencies that conduct Campus placements are sought on expectations regarding curriculum development and their opinions are handed over to the respective departmental bodies while initiating a change of curriculum.

Official System of Curriculum Design:

The official system of curriculum design of the college has been materialised in six stages clearly outlined in the structure. The Informal System of Curriculum Design assists the Official System of Curriculum Design, especially in its initial process. Above all, the whole process of curriculum design and development in the college is continually scrutinized by the

Syllabus Monitoring Cell of the College. The stages in Official System of Curriculum Design are:

Stage 1: The Members of the Faculty in each Department take the initiative to prepare a draft syllabus.

Stage 2: The departments conduct workshops to initiate innovations in developing curricula by inviting experts from other institutions, universities and industry.

Stage 3: The draft curriculum framed by the department is reviewed with suggestions for improvement, redrafted if necessary, and then approved by the Board of Studies.

Stage 4: The curriculum finalized and recommended by the Board of Studies for implementation is presented to the Academic Council for approval.

Stage 5: The Academic Council forwards the curriculum to the affiliating University for approval.

Stage 6: The syllabi / curricula approved by the affiliating university are then implemented.

1.1.3 How does the College involve industry, research bodies, and civil society in the curriculum design and development process? How did the College benefit through the involvement of the stakeholders?

The Management Committee of St. Thomas' College sincerely desire that the curriculum designed and developed in the College should generate employability, research aptitude and entrepreneurship. Hence, the Management is keen to nominate experts from the industry, research bodies, and civil society to its Governing Council, Academic Council, and Boards of Studies of various Departments. These experts are encouraged to offer suggestions for improvement of the curriculum and their free involvement in updating it, and thereby eliminate the shortcomings and pitfalls. The active representations of experts from industrial and business sector, the scholarly involvements of renowned academicians of highly acclaimed educational institutions and the representative of the government in these apex bodies enable the institution to frame curriculum reflecting the emerging trends in job market, higher education, research and industry. Thus, curriculum formation and implementation not only aim to set the curriculum to contemporary standards in various fields of knowledge, but also ensure national progress.

Details of Prominent Educational Experts in the various academic bodies of the College

Name	Office	Designation	Address
Dr.(Mrs.) Jayashree Menon Kurup	UGC nominee, Governing Council	Director, IGNOU	Director, IGNOU, New Delhi.
Prof. K. Raveendranath	Member, Governing Council	Former Pro Vice Chancellor	University of Calicut
Dr. K. Mohandas	Member, Academic Council	Former Vice Chancellor	Kerala University of Health and Allied Sciences

Prof. P.C. Thomas	Member, Academic Council	Rtd. Professor & Renowned Educationist	P.C.Thomas Classes Thrissur
C.A. T.S. Anantharaman, FCA	Member, Academic Council	Rtd. Professor	Rtd. Head & Professor, Dept. Of Commerce, University of Botswana. Chairman, Peninsular Group of Companies, Cochin.
Prof. K.P. Muraleedharan, Ph.D	Member, Academic Council	Professor	Department of Commerce, University of Calicut
Prof. K. A. Siraj	Member, Academic Council	Rtd. Associate Professor & Former member of the Syndicate, University of Calicut	Department of Physics, Sahrudaya College, Kodakara, Thrissur.
Prof. Abraham Joseph, Ph.D	Member, Academic Council	Professor	Department of Chemistry, University of Calicut
Prof. Jose Kallarakkal, Ph.D	Member, Academic Council	Scientist & Ecophysiolgist / Programme Coordinator, Sustainable Forest Management	Scientist Emeritus Department of Tree Physiology, Kerala Forest Research Institute

The Boards of Studies in various disciplines include eminent experts from the respective fields.

1.1.4 How are the following aspects ensured through curriculum design and development?

- ❖ **Employability**
- ❖ **Innovation**
- ❖ **Research**

Employability, Innovation, and Research are the parameters to measure the effectiveness of a curriculum, and hence the process of curriculum design and development of a responsible institution of higher education should aim at modernizations in the curricula while focusing on the scope for employment as the highest social priority but without compromising the research phase. The academia uphold that a perfect blending of innovation and research in the curricula can eventually activate the pragmatic result of generating employability and the College initiated the following enterprising ventures.

Employability:

Employability is a major consideration in the design and development of the curriculum. Soft skills, computer literacy programmes, internship for certain P.G

Programmes, Electives and Open Courses (inter departmental) at the U.G and P.G levels, individual project at PG etc. are introduced in the curriculum.

- After gaining autonomous status the College has taken important steps to update curriculum to suit to the practical requirements of the job market.
- Curriculum is designed to make sure that it includes all the relevant topics so that students can confidently confront competitive examinations such as UGC-NET/JRF, CSIR-NET/JRF, GATE, and Civil Services.
- Students are encouraged to conduct projects in industrial / commercial establishments.
- Industrial visits are promoted to analyze closely the functioning and work environment of industries.
- Career Guidance & Placement Cell of the College is vibrant and it regularly organizes training programmes for students. It frequently contacts prospective employers and annually conducts campus placement programmes.
- The UGC Coaching Cell of the College facilitates NET coaching classes for students.
- Equal Opportunity Cell of the College ensures that employment opportunities are available for women and the disabled sections of students.
- The College collaborates with the ASAP (Additional Skill Acquisition Programme) and WWS (Walk with the Scholar) projects of the Higher Education Council of the Government of Kerala.
- College has initiated B.Voc. programmes of UGC in Digital Film Production (DFP) and Medical Laboratory Technology (MLT) to train students in vocational skills that lead to employment.
- Postgraduate diploma programme in Industrial Catalysis and Sustainable Development initiated by the Department of Chemistry also aims at training students to seek employment soon after the completion of the course.
- The Entrepreneurship club inculcates entrepreneurial spirit among the students.

Innovations:

- Students are motivated to adopt innovative practices in their projects and assignments.
- The College gives priority to technological up-gradation of teaching techniques.
- Funds from UGC are channelized to equip class rooms with LCD projectors and internet connections.
- Teachers are encouraged to adopt innovative practices in imparting curriculum by using Laptops, projectors and other gadgets that assist the teaching-learning process.
- Regular updation of the College Library results in the advancement of knowledge, which is quintessential to launch innovations in curriculum.
- The College has been keen to partake in UGC Innovative Programmes in the Plan Periods. The Department of Visual Communication evolved as a part of the Innovative Programme of the UGC.
- The proposed add on certificate courses are envisaged as an illustration of innovation in curriculum design.
- Above all, curricular innovative practices are promoted with the initiatives of the various Clubs in the College. The major Clubs which incorporate curricular

and co-curricular activities are: Nature Club which aims to inculcate among the students the need for conservation and preservation of nature, Tourism Club which aims to generate public attention towards tourism, to make the students aware of the socio-economic relevance of tourism, Entrepreneurial Development Club which intends to inculcate entrepreneurial spirit among the students and Energy and Environment Conservation Club to sensitize students regarding the global problems of environmental and energy crisis.

Research:

- Courses of research leading to Ph.D. are offered at the eight Research Centres of the various Departments of the College: English, Economics, Commerce, Chemistry, Statistics, Zoology, Botany and Mathematics.

Department	Date of Commencement of the Research Centre	No. of Research Guides	No. of Research Scholars	No. of PhDs Produced	No. of JRF Scholars	No. of PDF Scholars
Zoology	16-03-1974	4	4	2		2
Chemistry	25-05-1978	5	12	3	1	
English	02-03-1995	6	24	15	7	
Economics	14-03-2013	2	8			
Statistics	08-04-2013	3	1			
Commerce	07-06-2013	1	5	0	2	
Botany	04-02-2014	2				
Mathematics	26-03-2015					

- The teaching staff supplements the curriculum design and development with their active doctoral and postdoctoral research involvements. They regularly publish research findings in refereed journals of national and international stature.
- The College has a Research Council that aims to promote research. It regularly monitors the research activities of the College.
 - a. The Research Council regularly conducts the research admissions and monitors the progress of doctoral research of the scholars.
 - b. The Research Council organizes the annual meet of the research scholars of all the Research Centres of the College and each research scholar has to make a brief PowerPoint presentation on their research work.
 - c. Every year the Research Council organizes a Research Seminar exclusively for the teaching staff. Eminent scholars are invited to speak on innovative research practices. Each department makes a presentation of their research achievements during this evaluation process.

- The UG & PG syllabi consist of topics on research methodology. Introduction of such topics in the curriculum enables the students to frame a research oriented mindset.
- Several teachers undertake Major and Minor Research Projects. These projects primarily contribute to curriculum design and development.
- All the departments and Research Centres in the College organize a number of research oriented seminars, workshops and conferences every year.
- Further, the College regularly publishes the following research journals:
 - a. *Conspectus: A Journal of English Studies*
 - b. *Advances in Arts and Ideas*

1.1.5 How does the College ensure that the curriculum developed addresses the needs of the society and have relevance to the regional / national developmental needs?

The college conscientizes the students to be actively involved in social issues of regional and national level by incorporating relevant topics in syllabus such as:

- I. Ecological issues
- II. Waste management
- III. Gender equality
- IV. National integration
- V. Secularism
- VI. Constitutional rights
- VII. Caste / racial discriminations

Apart from inculcating the above mentioned issues, the students are initiated to empirical verification by:

- i. Students and teachers are supporting the children of St. Anne's orphanage, Thrissur by engaging classes for the weak students under the Santhome Academic and Social Assistance Programme (SASAP) of the college.
- ii. 'Jesus Youth' of the college often visits and serves the poor and clean the surroundings of Athani Peace Home.
- iii. Staff and students of the college are encouraged to donate blood. The college has been honoured with the *Jeevadhayani Award* of Kerala Youth Welfare Board for maximum number of Blood donors.
- iv. The College has won the 'Silver Zone' award of the Indian Association for the Blind.
- v. The Village Adoption Cell of the college adopted Vellakkarithadam, Peechi Village and sensitized the villagers about public health and hygiene, e-literacy, cancer awareness etc.

1.1.6 To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the College been instrumental in leading any curricular reform which has created a national impact?

The college strictly follows the guidelines of UGC, State Government, Kerala Higher Education Council and University of Calicut in developing or restructuring the curricula. We expect to bring in very effective innovations in our own curriculum. The curricula designed by the college for three programmes, namely, Community College Programme, Diploma in Visual Communication, B.Voc. in Digital Film Production and B.Voc. in Medical Lab Technology are recognized by UGC.

1.2 Academic Flexibility

Possibilities for academic flexibility were limited until recently as the College was an affiliated institution under the University of Calicut. Now, as the College has become autonomous, the institution proposes to offer elective courses for the students to encourage interdisciplinary studies. The College also plans to introduce Certificate Courses to initiate interdisciplinary studies.

1. The College envisages meeting the demands from industry, new research areas, and global higher education scenario by designing cutting edge curricula.
2. To allow further academic flexibility, the students are offered Certificate Courses to add on to their university degree.

1.2.1 Give details on the following provisions with reference to academic flexibility

a. Core / Elective options

- Academic advice is provided to the students to choose their options for undergraduate studies. This helps the students to plan their graduate study with the aim of attaining suitable employments according to their skills.
- While the affiliating University system and the regulations of the Government are constraints in framing new Core subjects in the present system, modes of Elective options are framed in the new syllabus to allow sufficient academic flexibility.
- Open Courses offered in the Choice Based Credit and Semester System for undergraduate studies has the scope for academic flexibility. To introduce interdisciplinary studies to 5th semester undergraduate students, they are given a choice to opt an Open Course from outside their Core Department. A list of the Open Courses offered for academic flexibility is given below:
- Open Courses for the UG Programme

Name of the Department	Open Courses Offered
English	Applied Language Skills
Economics	International Trade and Finance
Commerce	a) Human Resource Management b) Basic Accounting
Mathematics	a) Mathematics for Physical Sciences b) Mathematics for Natural Sciences
Statistics	Basic Statistics
Physics	Non Conventional Energy Sources
Chemistry	Chemistry in Everyday Life
Botany	Horticulture and Nursery Management
Zoology	Nutrition, Health and Hygiene

Physical Education	Physical Activity, Health and Wellness
Computer Science	Introduction to Computers and Office Automation
Computer Application	Internet Programming
Electronics	Electronic Instrumentation
Visual Communication	Introduction to Multimedia
B. B. A.	Commerce

- Postgraduate Programmes offer Electives to cater to the academic interests of students. The following Electives are offered in the Postgraduate Programmes:

Name of the PG Course	Electives
M. A. English	Film Studies
M. A. Economics	Industrial Economics
M.Sc. Mathematics	Fluid Dynamics
M.Sc. Statistics	Reliability Engineering
M. Sc. Physics	Computer Software Application
M.Sc. Botany	Pathology of Plantation Crops & Genetic Engineering
M.Sc. Zoology	Entomology
M. Com.	Strategic Financial Management Security Analysis and Portfolio Management.
M. S.W.	Rural and urban Community development Medical and Psychiatric Social Work
M.Sc. Electronics	Telematics
M Sc Computer Science	Virtualisation and Cloud Computing
M Sc Computer Science	Web Engineering
M.Sc. Chemistry	Industrial Catalysis Material Science
M V C	Television Production

b. Enrichment courses

- From the Academic Year 2016-17 onwards, every student of this college has to register to a Certificate Course, which will be conducted outside the university curriculum and certificate will be awarded by the College. The List

of Undergraduate and Postgraduate Certificate Courses approved by the different Curriculum framing bodies of the College is furnished below:

Certificate courses proposed in the new curriculum

Sl. No	Programme	Course
1	B.Com	Certificate programme in Entrepreneurship Development Programme
2	BBA	Certificate programme in Entrepreneurship Development Programme
3	BVC	i) Certificate course in Visual Editing ii) Certificate Course in Short film making
4	BA Economics	Introduction to Capital Market
5	BA English	Certificate Course in Professional Communication
6	BSc Chemistry	i) Certificate Course in chemistry of petro chemicals and polymers ii) Certificate/ Diploma Programme in Industrial Chemistry
7	BSc Computer Science	i) Introduction to Office Automation ii) System Assembly and Software Installation
8	BSc Maths	Programming with Python
9	BSc Physics	i) Nano Science and Technology ii) Electronics Instrumentation
10	M Com	Certificate Programme in Tourism and Travel Management
11	MA Economics	Economics of Capital Market
12	MA English	PG Certificate course in English for Communication
13	MSc Chemistry	i) Certificate Programme in Catalysis and Green Chemistry ii) Post Graduate Diploma in Industrial Catalysis and Sustainable Chemistry
14	MSc Mathematics	MATLAB
15	MSc Computer Science	i) MATLAB ii) LATEX

c. Programmes offered in modular form:

- At present no course is offered in modular form. The institution has plans to offer modular courses in the recent future.

d. Credit transfer and accumulation facility

- There are options for students from other institutions to directly seek admissions by Credit Transfer during 3rd and 5th Semester of Undergraduate Programmes. Postgraduate Students from outside may seek admissions by Credit Transfer during the 3rd Semester. However, this transfer is possible only for the students from the institutions having identical syllabi.

- Students who have not completed a Semester may accumulate their credits and complete their course later on, as per the Regulations and the Common Guidelines of the institution.
- Lateral and vertical mobility within and across programmes and courses: The College is considering the possibilities of lateral and vertical mobility in the upcoming changes in regulations of UG programmes. There are no opportunities at present for lateral mobility in the Undergraduate Programmes of the Choice Based Credit and Semester System. In the B.Voc. programmes of the UGC, the College offers lateral entry.
- Some Departments of the College facilitate students' vertical mobility in programmes.
 - a. Graduates who have completed two year programme in English Common Course can seek admissions to Postgraduate English Course after having cleared the Entrance Examination.
 - b. Any graduate can be permitted to pursue M.S.W. and M.V.C. course.
 - c. Students who have completed their UG programme in Mathematics are also admitted to M. A. Economics and M.Sc. Statistics programmes.

1.2.2 Have any courses been developed specially targeting international students? If so, how successful have they been? If 'no', explain the impediments.

- Currently no course is offered in the College that specifically targets international students alone.
- However, the curricula of the autonomous College are designed and developed to suit the global requirements.
- As India is emerging as a promising location for international students, the college is planning to design programmes for international students.
- List of International Students who studied in this institution from the Academic Year 2010-11 onwards.

Year	No. of International students admitted	Academic Programme
2010-11	6	BSc Computer Science
2011-12	1	BSc Computer Science
2012-13	Nil	Nil
2013-14	2	B A Economics
2014-15	Nil	Nil

1.2.3 Does the College offer dual degree and twinning programmes? If yes, give details.

At present no dual degree or twinning programme is offered by the College.

1.2.4 Does the College offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

- The College offers self-financing programmes.
- List of self-financing programmes offered:

Name of the Department	UG Course offered	PG Course offered
Computer Application	B.C.A.	M.Sc.
Social Work		M.S.W.
Electronics	B.Sc.	M.Sc.
Visual Communication	B.V.C	M.V.C
Multimedia Communication	B.M.M.C.(Bachelor of Multimedia Communication)	
Commerce	B. Com (Finance)	
Management Studies	B.B.A	

- The policies regarding admission and teacher qualification for the self-financing courses are at par with the aided programmes.
- Admissions to the self-financing programmes are made according to the norms of the affiliating University and Government.
- Fee structure for the self-financing programmes is as per the directives of the affiliating University.
- The salary scale for self-financing teachers is in accordance with the norms stipulated by the government of Kerala.

1.2.5 Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programmes are covered under the system?

- Yes. All the undergraduate programmes are in the Choice Based Credit Semester System.

1.2.6 What percentage of programmes offered by the College follows:

- Annual system
- Semester system
- Trimester system

All the undergraduate and postgraduate programmes offered in this institution follow Semester System.

1.2.7 What is the policy of the College to promote inter-disciplinary programmes? Name the programmes and what is the outcome?

- The College promotes inter-disciplinary programmes for undergraduate studies.
- Choice Based Credit and Semester System promote interdisciplinary studies by allowing the students to opt for open courses choosing a programme apart from their core department.
- In order to promote inter-disciplinary studies, every undergraduate programme consists of two complementary courses each in the first four semesters.
- Certificate Courses introduced by the College promotes interdisciplinary studies.
- The new syllabi for the autonomous courses are made interdisciplinary

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the College reviewed for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stake-holders?

- Syllabus Monitoring Cell of the College continuously reviews the syllabi and offer suggestions for change.
- The syllabi of all undergraduate and postgraduate departments are now restructured according to the Common Regulations of the Autonomous Institution from the Academic Year 2016-17 onwards and it will be reviewed once in every two years in order to meet the standards of social relevance, employability and knowledge upgrading of the beneficiaries.
- The feedback of passing out students is sought every year and is incorporated in the syllabi.

1.3.2 How many new programmes have been introduced at UG and PG levels during the last four years? Mention details.

- Inter-disciplinary:
Bachelor of Multimedia Communication
- Programmes in emerging areas
 - a. Master of Visual Communication
 - b. Bachelor of Visual Communication
 - c. B.Voc.
 - i. Digital Film Production (DFP)
 - ii. Medical Lab Technology (MLT)
 - d. Community College Programme of U.G.C -Diploma in Visual Communication.
 - e. P.G. Diploma in Industrial Catalysis and Sustainable Chemistry
- Other programmes:
 - a. M.Sc. Computer Science
 - b. B.B.A.
 - c. B.Com with Finance
 - d. B.C.A

1.3.3 What are the strategies adopted for revision of the existing programmes? What percentage of courses underwent a major syllabus revision?

Strategies adopted for revision of the existing programmes:

- The guidelines of UGC, affiliating University, the Department of Higher Education of the Government of Kerala and the Kerala Higher Education Council are seriously taken into consideration while revising the curriculum.
- Feedback from the students, alumni and educational experts are analyzed and feasible suggestions are incorporated while framing the curriculum.
- Innovative programmes of UGC and other funding agencies are taken into consideration.
- Specializations of the teaching staff are considered while opting for new courses.
- Syllabi of internationally reputed educational institutions are taken as models for framing the curriculum.
- Before revising the syllabus each department is funded to organize workshops.
- Prospective employability of the students is taken into consideration while revising syllabi of each course.

- All changes in the syllabus are oriented towards shaping the students to face the global research environment and interdisciplinary studies.

Percentage of Change in syllabus:

- 20% of the content of the courses underwent a major syllabus change and the syllabus is awaiting approval from the affiliating University.

1.3.4 What are the value-added courses offered by the College and how does the College ensure that all students have access to them?

- The College has proposed to launch certificate and advanced certificate courses for every student of the college.
- The students have access to the courses offered at the Keltron Knowledge Centre (KKC) located inside the College campus and fees is subsidised for students of the College. Keltron Certified Accounting Courses and Keltron Certified Taxation Courses are widely accepted among students.

1.3.5 Has the College introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

Yes. The college offers higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation. The courses are: Vocational degree programmes on Medical Lab Technology and Digital Film Production. Advanced certificate programmes on Computer Application, Electronics, Multimedia and Visual Communication are also designed to cater to the needs of the time.

1.4 Feedback System**1.4.1 Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?**

- There is a formal system of feedback from the students regarding the curriculum. Feasible suggestions from the students are taken into serious consideration while restructuring the syllabus.
- The Head of the Departments and Faculty collect feedback from students of respective classes.
- The College website is used as a platform for gathering feedback from students, parents and other stake holders. Students can sign into the College website and register their suggestions. These suggestions reach directly to the Principal and the Boards of Studies. This project, FEEDBACK is one of the sources in revising syllabi.
- When the final year students pass out of the college, a feedback is collected from them personally so as to incorporate their feelings too when the curriculum is revised.

1.4.2 Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same - (conducting webinar, workshop, online forum discussion etc.). Give details of the impact on such feedback.

- Yes. Some of the departments make use of their national and international contacts to receive advice from eminent domestic and foreign educational experts.

- Eminent alumni residing in the country and abroad are also approached for their feedback on the syllabus.
- Chairpersons and Members of many Boards of Studies are national experts in their subjects. Their valuable contributions to syllabus restructuring are vital to the reframing of the curriculum.
- Eminent national and international scholars who visit the campus comment upon the existing syllabi and offer suggestions for reframing the curriculum.
- The feedback we have received from such eminent personalities helped us in reframing the curriculum, enriching it so as to be elite enough to stand with international standards, to be up-to-date with an orientation for research.

1.4.3 Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of.

- After the college became autonomous in status, a major syllabus revision was undertaken in 2015. Expert opinion from prominent experts from industry, alumni, educational experts and local scholars were considered while restructuring the syllabi. The process for implementing the syllabus is in progress, which is designed to be materialised in 2016-17 batch.
- All the Boards of Studies of the College consist of eminent alumni, experts from industry and scholars in the subject from outside the college, etc. They have contributed to the curriculum restructuring process.
- The students are offered chances to stand abreast of the employment arena, by developing their soft skills; this is done considering the suggestions of employers.
- Our students are given special training to meet the demands of industrial field; the coaching is guided by our Career Guidance and Placement Cell.
- Considering the feedback we get from the local community, our students are given proper social orientation to be equipped to serve the community.
- PTA meetings are regularly conducted. Some of the parents also make vital suggestions for syllabus revision during these meetings.
- Informal feedbacks are also received from eminent alumni within the country and abroad.
- Old Students Association is active in the college. Some eminent members of the association are renowned scholars. They readily offer advice to the departments and their valuable suggestions for restructuring the syllabi are taken into consideration while revising the curriculum.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?

- IQAC is the academic body that maintains and develops the curricula.
- Continuous process of analysing teaching-learning-evaluation process.
- Syllabus Monitoring Cell is active in the college.
- Constitution of the Boards of Studies with experts in concerned subjects.
- Encouraging teachers to attend in-service training programmes.
- By the promotion of doctoral / postdoctoral research by the teaching staff and the involvement of Research Council in research activities.
- By conducting and participating in local / national / international level seminars, conferences, and workshops.

- By persuading the teachers to conduct Major and Minor Research Projects.
- By promoting the teachers to apply for international fellowships and scholarships.
- By encouraging the teachers to apply for cultural exchange programmes.
- By constantly supporting the teachers to publish their research findings.

Any additional information regarding Curricular Aspects, which the institution would like to include.

After attaining the autonomous status in 2014-15, the College has undertaken a curriculum and syllabus revision process and by the next year, the new curricula and syllabi will be implemented.



CRITERION II

TEACHING-LEARNING AND EVALUATION

The academic and administrative staff of St. Thomas' College (Autonomous), Thrissur, is committed to its goals of serving and empowering the community by making available to them easy access to quality higher education. The teaching-learning process is envisioned as the quintessence of education and teachers and students emerge as catalysts in social change and emissaries of progress and development. One of the main pillars on which our goal rests is the effectiveness of our teaching - learning and evaluation process. In keeping with the college's vision and mission, the institution seeks to promote use of innovative and student centric pedagogies to promote effective learning.

2.1 Student Enrolment and Profile

2.1.1 How does the College ensure publicity and transparency in the admission process?

St Thomas' College, with a history of almost hundred years in imparting knowledge and rendering service to the society is one of the most prestigious institutions in Kerala. Its prominent history and legacy attract a diverse body of students from across the state as well as country. The teachers, alumni and students are some of the best brand ambassadors that the college depend for publicity. The goodwill that the College has garnered over the years has been an important factor in attracting students of high calibre to the college. The excellence and merit that students have shown for years in academic and extracurricular activities have been crucial in the publicity process of the College.

The admissions are conducted strictly in accordance with the norms prescribed by the Government of Kerala, University of Calicut and UGC with respect to eligibility and reservation. The institution ensures that the entire process of admission to various departments is conducted in a transparent manner.

The institution takes the following steps to ensure wide publicity to its admission process in order to attract a large number of applicants:

- Detailed information regarding various departments, faculty profiles, academic programmes offered, co-curricular activities etc. are available on the official website <www.stthomas.ac.in>. The details of the admission procedures and the important dates associated with it are all made available in a timely manner here.
- Advertisements and notifications are given in leading newspapers in Malayalam and English.
- A College Prospectus is brought out every year containing detailed information on the different courses and programmes available, the eligibility criteria, number of seats available for each course, reservation norms etc. All applicants receive a copy of this along with the application forms. The application process is made online from 2015 onwards. Before the granting of autonomy, admission process was conducted by the Centralized Admission Process of the University of Calicut

- The details of the admission process are also displayed on the College notice board.
- The College organizes admission drive to all the academic programmes such as UG, PG and Ph.D. annually.
- Workshops, seminars and quiz programmes are conducted for higher secondary teachers and students by various departments and this leads to a hike in the number of applicants for UG courses.
- The College manual distributed among students serves as a significant tool in advertising the details among general public.

Transparency in the admission process is ensured in the following manner:

- All admissions are carried out with strict adherence to norms of the Government of Kerala, UGC and University of Calicut. The number of seats reserved under community quota and management quota are also by the norms stipulated by the Government of Kerala and the University of Calicut. The reservation seats for backward communities and sports quota are also as per government norms. The admission schedule, once published, is strictly adhered to.
- An Admissions Committee is constituted every year with representatives from academic and administrative staff to ensure fair and transparent decision making. The admission committee scrutinizes the applications received and calculate the index mark strictly following the norms.
- The college has a well-structured online admission process.
- Admission status as well as results of preliminary selection is intimated via post, phone, SMS, e-mail and on the website.
- Rank lists are published on the college website and on the college notice boards along with index marks and the selection criteria.
- A Grievance redressal Committee is set up to look into any complaints, clarifications and queries by applicants.

2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. programmes by the College. Explain the criteria for admission (Ex. (i)merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv)common test conducted by state agencies and national agencies (v) other followed by the College?

UG and PG Programmes

In the years 2010-11, 2011-12 and 2012-13, all admissions were carried out through the single-window system of the CAP of the University of Calicut. From the granting of autonomy in 2014, the institution has started to conduct the admission process in an independent and autonomous format.

The College follows different criteria for different courses and programmes based on the norms stipulated by the University. Admission to a majority of the UG and PG programmes are based on merit followed by interview. For some programmes such as Master of Visual Communication, M. Sc Computer Science, Masters in Social Work etc., the admissions are based on both merit and performance in entrance tests. The verification by the admission committee is followed by a preliminary interview for the candidates and their parents, conducted by the department concerned. This is followed by an interview with the Principal and the candidate is formally admitted to the institution.

The admission process in detail:

- The admission process is carried out under the supervision of an Admission Committee constituted annually, with representatives from both academic and administrative staff of the college.
- The announcement of admission schedule along with course details, eligibility criteria, number of seats etc. are published on the official college website, the college notice board and in prominent newspapers.
- Since 2015, the admission procedure is carried out in a structured online manner.
- The preliminary scrutiny, indexing of marks and preliminary selection are carried out with the aid of academic management system, *Linways*. This software is tested a few times and is found to be error free.
- Interview of selected candidates is conducted in two stages: by the interview board at the department level followed by a final interview conducted at the college level.
- The final rank list is published on the college website and the college notice board.
- Candidates and applicants are given sufficient time to register their complaints regarding the rank list, if any.
- A Grievance Redressal Committee is set up to look into any complaints, clarifications and queries by applicants.
- A student can apply, in the case of UG admission to more than one course and opt the desired course depending on the position in the rank list.

PhD Programmes

The vacancy for PhD in each research department of the college is published on the college and Calicut university websites. The Directorate of Research of the University of Calicut conducts an entrance test called Common Admission Test.

- Candidates who qualify this test and/or those who have M. Phil, UGC-NET, CSIR JRF/GATE/PhD Inspire Fellowship and permanent faculty are eligible for applying directly to the College.
- Eligible candidates apply to the desired research centre and to the Research Council. Research Admission Council composed of Principal, Research Co-ordinator, representatives of the University and Research Supervisors interview the selected candidates.
- It is the Research Council that scrutinizes the admission process of PhD students. Candidates with M.Phil/JRF and permanent teachers are given preference.

International students to the College are admitted based on the instructions and guidelines given by the Government of India.

2.1.3 Does the College have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

The Admission Committee is in charge of carrying out the admission process from advertising to the final admission of the student to an academic programme. At the end of the admission process, every year, the Admission Committee reviews the entire process from the receipt of application to the publication of the final rank list. It identifies areas where there is scope for improvement and also looks into the difficulties faced and reported by the applicants. The norms stipulated by the

Government of Kerala regarding eligibility and reservations, and adherence to them while determining the final rank list are also reviewed from time to time. Moving from a slow, paper based admission procedure to an online admission format in the interest of increasing efficiency and ensuring transparency has been an outcome of these reviews.

2.1.4 What are the strategies adopted to increase / improve access to students belonging to the following categories?

SC/ST

The College strictly follows the reservation policy of the Government of Kerala in the admission process.

- 15% of the total seats are reserved for candidates belonging to SC category and 5% to ST category. Apart from this many more students from SC/ST categories are admitted to our College on the basis of merit.
- Reminders are given in newspapers in case of vacancy in SC/ST category.
- SC/ST students are given hostel accommodation, fee concession and scholarships.
- The College advances the amount of money to be incurred as fee, food and accommodation for SC/ST students.
- The College office has a separate section to deal with scholarships and other grants available for the SC/ST students.

Category	2010 -2011		2011 -2012		2012-2013		2013-2014		2014-2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	36	44	35	71	31	74	32	59	24	54
ST	1	Nil	Nil	1	Nil	2	4	1	1	4
OBC	54	100	31	66	53	64	75	71	85	98
OEC	8	6	Nil	1	1	5	3	Nil	11	18
General	173	168	172	179	206	182	257	221	191	293
Others	11	1	4	0	1	1	5	2	3	1
Totals	283	319	242	318	292	328	376	354	315	468

Women

- The College does not have any special reservations for women, but 69% of the students of the College are women.
- At the time of inception, St. Thomas' College was a Men's College and began to admit women into UG and PG programmes since 2002 as a part of its

consistent efforts to empower women through education. This drive was also intended to provide access to education for women.

- At present the female to male ratio has been 1.66:1 on admission.

Year	Ratio of female to male at the time of Admission	
2010-2011	459:309	1.48:1
2011-2012	452:277	1.63:1
2012-2013	480:307	1.56:1
2013-2014	510:398	1.28:1
2014-2015	628:377	1.66:1

Different categories of persons with disabilities

- One seat in every course is set aside for differently abled students as per the norms of the Government of Kerala.
- The College makes sure that affirmative action is taken towards the differently abled and other students are sensitized on the issues of disability.
- The institution has been taking several measures to increase infrastructural facilities to cater to their specific needs, such as building ramps etc.
- Visually challenged students are provided with computer screen reader software.
- Students who are physically challenged but otherwise eligible are provided with scribes for exams as per university norms. They are also given extra time based on medical report and University certificate/Principal Order.

Economically weaker sections

- There are a number of government scholarships that can be availed of by students belonging to the economically weaker sections of the society and the College encourages and supports eligible students to apply for the same. The College also admits economically weak, but academically brilliant students under management quota.
- Besides these, there are a large number of department wise endowments and scholarships that are given to deserving and eligible students.

Athletes and Sports persons

St. Thomas' College has a well-known Physical Education Department. The department has nationally and internationally well-known teams in several sports. The Physical Education Department of the College was awarded the Calicut University level overall Championship from 2010 to 2015.

The College has sports quota for students who have proven their merit in various sports.

- The admission to sports quota is routed through the Physical Education Department.
- The department has several coaching centres for Football, Hockey, Cricket, Boxing, Body Building, Yoga, Cycling, Swimming, Archery, Fencing, Athletics, Shuttle Badminton, Tennis and Chess.

- Tuition fees of meritorious students in the sports category are waived by the Management.
- Free sports gears and jerseys are distributed to sports persons with the financial support of PTA and management.
- Sports students are given free hostel facilities.
- Owing to the excellence of the physical Education Department, the College has collaboration with the Sports Authority of India (SAI) that gives directives to students to participate in national and international level competitions.

Achievers in co-curricular activities

- Although there is no special quota allotted by the government for artistically talented students, the college gives privilege in admissions to artists, singers, dancers and writers who have proven their mettle in various co-curricular activities.
- The different national level prizes that students have won attract artistically oriented students from neighbouring districts. They are given special training in their chosen field of artistic activity.

2.1.5 Furnish the number of students admitted in the College in the last five academic years.

Sl. No	Programme Level	Name of the Programme/ course	No. of students admitted				
			2014-15	2013-14	2012-13	2011-12	2010-11
1	UG	1.B.Sc Mathematic with Computer Application	60	60	60	60	60
		2.B.Sc Mathematics with Physics	60	60	60	60	60
		3.B.Sc Statistics	30	30	30	30	30
		4.B.Sc Physics	56	56	56	56	56
		5.B.Sc Chemistry	56	56	56	56	56
		6.B.Sc Botany	40	40	40	40	40
		7.B.Sc Zoology	36	36	40	40	40
		8.B.Sc Computer Science	36	36	36	36	36
		9.B.Com Finance	60	60	60	60	60
		10.B.Com Banking	60	60	60	60	60
		11.B.A Economics	60	60	60	60	60
		12.B.A English & History	60	60	60	60	60
		13.B.Sc Electronics	34	34	34	34	34
		14.BCA	36	30	24	-	-
		15.BVC	30	30	24	-	-
		16.BMMC	16	-	-	-	-
		17.B.Com Finance	50	40	-	-	-
		18.BBA	50	40	-	-	-

		19. B.Voc Digital Film Production	25	-	-	-	-
		20. B.Voc Medical Laboratory Technology	25	-	-	-	-
Total			880	788	700	652	652
2.	PG	1.M.Sc Mathematics	20	20	20	20	20
		2.M.Sc Statistics	12	12	12	12	12
		3.M.Sc Physics	12	12	12	12	12
		4.M.Sc Chemistry	12	12	12	12	12
		5.M.Sc Botany	12	12	12	12	12
		6.M.Sc Zoology	12	12	12	12	12
		7.M.A Economics	20	20	20	20	20
		8.M.A English	20	20	20	20	20
		9.M.Com	20	20	20	20	20
		10.M.Sc Computer Science (1)	12	-	-	-	-
		11.M.Sc Computer Science(2)	12	12	12	12	12
		12.M.Sc Electronics	12	12	12	12	12
		13.M.S.W	20	20	20	20	20
		14.MVC	6	-	-	-	-
Total			202	184	184	184	184
3.	Ph.D.	Zoology	6	3	2	2	2
		Chemistry	12	6	4	4	4
		English	21	16	12	12	12
		Economics	7	-	-	-	-
		Statistics	1	-	-	-	-
		Commerce	5	-	-	-	-
		Botany	-	-	-	-	-
		Mathematics	-	-	-	-	-
Total			52	25	18	18	18
4	PG Diploma	Industrial catalysis and Sustainable chemistry	6	6	-	-	-
5	Community College	Diploma in Visual Communication	13	-	-	-	-

2.1.6 Has the College conducted any analysis of demand ratio for the various programmes offered by the College? If so, indicate significant trends explaining the reasons for increase / decrease.

The report containing the demand ratio of the Admission Committee after every year's admission is forwarded to the IQAC and the Governing Council to conduct the analysis of demand ratio for the various academic programmes offered by the College. The results of the deliberations of the IQAC and the Governing Council are duly informed the Admission Committee to fine-tune the admission process.

Reasons for Increase in demand

Thrissur, being the cultural and educational capital of Kerala attracts a large number of prospective students for UG and PG programmes. The demand for courses in emerging areas with career prospects in media has prompted the College to start the Department of Visual Communication which offers various courses.

Some of the reasons for increase in demand ratio are:

- Academic programmes with future significance and career prospects.
- Large number of students placed through placement drives.
- Esteemed faculty with exemplary high profile.
- Excellent academic records of students including University ranks, scholarships, entry to higher studies and success in competitive exams.
- Increase in number of students who won UGC-NET/JRF, CSIR and GATE.
- Conducive academic environment for studies and discipline
- Infrastructural facilities available in the college.
- Access to the Campus from remote areas and from other districts since the College is located in heart of Thrissur town.
- Thrust and encouragement given to sports, arts and other co-curricular activities.
- Sense of safety and security among students, especially girls and their parents.

Depending on the high demand for most of the courses, the College started six aided and six self-financing courses.

Sl. No.	Aided	Unaided
1	M.Sc. Computer Science	Master of Visual Communication
2	B.Sc. Computer Science	Bachelor of Visual Communication
3	B. Voc. DFP	B. M. M. C
4	B. Voc. MLT	B. B. A.
5	Diploma in Visual Communication	B. C. A.
6	P. G. Diploma in Industrial Catalysis	B. Com

2.1.7 Was there an instance of the College discontinuing a programme during last five years? If yes, indicate the reasons.

No. There had been no such instances.

2.2 Catering to Student Diversity

2.2.1 Does the College organize orientation / induction programme for freshers? If yes, give details of the duration of programme, issues covered, experts involved and mechanism for using the feedback in subsequent years.

The College conducts orientation programmes for all the freshers within the first two weeks. The newly admitted students are introduced and informed about:

- Vision and mission of College.

- Various rules of conduct in the college campus.
- Various facilities available in the college such as the college library, the computer labs etc. Librarian gives orientation course on using the facilities in the library.
- The examination pattern, internal examinations and grading system. They are given detailed information regarding the credit system, course structure etc.
- Information regarding Rights of Students, Anti-ragging cell, Women cell, Placement cell and Anti-narcotic cell.
- A detailed introduction of the activities and the involvement of students in various clubs are also given during the initiation programmes.
- The various co-curricular activities such as NSS, NCC, AICUF etc. are also introduced

External resource persons and eminent personalities are invited to conduct classes on various topics and address the Freshers at the beginning of the academic year.

Besides this each department conducts a Freshers' day for new entrants in various courses with cultural programmes.

Depending on the feedback we design ways to improve the induction/orientation programmes in the upcoming years. Counselling for Freshers is an innovative practice founded by the college in the light of the feedback.

2.2.2 Does the College have a mechanism through which the “differential requirements of student population” are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Identifying students' potentials and problems with teachers' interaction with students and parents is the initial process of student orientation programme at UG level. Questionnaires for need assessment, personality analysis and background study are distributed among students and the feedback is promptly studied. A detailed orientation programme is organised on the basis of the information collected from the students. The students who join the College hail from different economic, social and educational backgrounds. The orientation programme about different aspects of their academic life in the College and introduction to Information literacy, computer literacy, communication skills, extra-curricular skills, and awareness about scholarships is provided to all UG students immediately after the admission.

To equip newly joined P.G. students to adequately respond to the demands of the Programmes, they are given special academic induction classes at the beginning of every academic year. For this, eminent academicians are invited to give lectures. From the moment a student joins the department, under the supervision of Heads of respective Departments and class tutors, students are identified depending on their learning potential and needs and talents in sports and arts. Some teachers conduct simple tests to assess the subject knowledge of students. Identifying these criteria enables the teachers to address adequately and appropriately the issues of the students. For Post Graduate students, all departments offer orientation programmes apart from the general orientation activities with the financial support of IQAC. Professionals and experts interact with students through the PG orientation programme. Thus the institution pays due importance to the analysis for satisfying their differential requirements of students.

2.2.3 Does the College provide bridge /Remedial /add - on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Every batch of new students in each department is assigned a tutor. The head of the department along with the class tutor interacts with the student and parents in order to identify areas of student potential as well as areas where remedial assistance is required. Class Teacher's session is arranged from 12 noon to 12.30 pm every Friday. This session is specifically for the students to interact with their respective class teachers regarding their curricular and co-curricular needs. The College encourage student-student support system through helping the academically weaker students by the high performers.

Remedial Coaching and Student Support Programme are ways devised by the college to help academically weaker students. The remedial programme with the support of UGC is designed on the basis of departments' analysis at the beginning of every semester regarding students' performance.

The bridge courses differ from year to year as per the requirements of a given batch. These are usually conducted on Saturdays and on working days after class hours from 3.30 pm to 4.30 pm or before the commencement of class at 9.30 AM.

Science departments conduct special practical sessions for students who are admitted late, so that they can catch up with the rest of the class.

Walk with a Scholar (WWS) was introduced in college to boost the performance of bright students. Many scholarships, endowments and PTA funds are providing for economically weak students.

2.2.4 Has the College conducted a study on the incremental academic growth of different categories of students: student from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners etc.? If yes, give details on how the study has helped the College to improve the performance of these students.

- Each department conducts a category wise analysis of students at the entry level and also keeps a track of their performance as they progress through the course.
- Disadvantaged, physically challenged and backward students are given extra care and attention by the teachers to enable them to tackle their issues regarding learning and development.
- There is an official committee for the 'Welfare of Differently abled' which organises programmes and orientation sessions.
- Tutorial system and tutorial sessions on Fridays serve as the platform to gather feedback from economically and socially backward and differently abled students.
- Mentoring and emotional support to the needy after the class hours.
- Class Teachers keep a detailed data of the backward students including medical reports and educational background.
- The teachers visit the homes of weak students to come into contact with the familial background, neighbours and relatives and teachers.
- Students with serious problems are referred to the Counselling cell.
- Class PTA is taken into full confidence in assisting the students.

- Open House is an exclusive venue for discussing the issues of backward students.
- Empowering the students from weaker sections emotionally and psychologically by class teachers and counselling.
- Supporting students from backward social background and weaker sections to enter to higher education.
- Preference is given to backward students in hostel admission
- Financial support in the form of a Special Scholarships programme is offered to weak students and the differently abled.
- The weaker students are provided with a bank account so that she/he can avail financial support from the Government and NGOs.
- The College advances hostel fee for weaker sections
- Remedial programmes are designed for slow learners
- Special study materials are prepared by departments to help slow learners.
- Remedial programmes are coordinated to cater to the needs of economically backward and weaker students.
- Bridge courses are another instance of effective nurturing of weak students.
- Communication skills training programme is a significant endeavour in this regard.
- The career orientation cell offers soft skill training programme for weak students and economically backward.
- Computer screen reader software is made available for the visually challenged in the library.

2.2.5 How does the institution identify and respond to the learning needs of advanced learners?

As with every other institution, our College has a mix of students ranging from low performers to advanced learners.

Advanced learners are identified, basing on:

- Exceptional performance in class tests, question/answers, surprise quiz and Semester and internal examinations.
- Based on the response, speed of comprehension, enunciation of ideas, assimilation and conceptual understanding, the performance of the advanced learner is identified.
- Participation in classroom discussions and interactions is another instance of the progress of advance learners.
- Performance in off campus quizzes, academic competitions and extra-mural achievements.
- Subject knowledge and innovative ideas on projects and research orientation
- Excellence in various co-curricular and extra-curricular activities.
- Student-to-students support is encouraged and has been very popular and effective among students.
- Many advanced learners are involved in the SASAP (Santhome Academic and Social Assistance Programme).

The College offers the following facilities to advance the performance of these students:

- Walk With a Scholar (WWS) programme is conducted regularly.
- We have a well-equipped library with nearly one lakh volumes of books. These include books pertaining to the syllabus as well as on advanced topics and issues. There is substantial number of books on research methodology in various subjects in the library. There is a separate section in library for competitive exams like UGC NET/JRF, GATE, Civil Services and Management related courses.
- Teachers, privately or during teaching sessions pose difficult questions and problems to these students so that their interest and intellectual acumen are constantly checked.
- Excellent students are motivated to take up research and higher education and are trained in basics of research and methodology. Teachers provide advanced online materials for advanced learners. Members of the faculty give additional mentoring to advanced learners who are motivated to engage with cutting edge research material in their subject of interest.
- Career orientation and guidance classes are given specifically for advanced learners.
- Different departments of the College hold UGC-NET CSIR coaching classes.
- Students are actively encouraged to participate in and attend seminars, conferences and workshops at both national and international levels. The IQAC provides financial assistance to these participants.
- They are encouraged to participate in inter-collegiate competitions like quizzes, debates etc.
- Scholarships and endowment awards are instituted to encourage them.
- Such students are encouraged to pursue higher studies, internships, workshops and training programmes in nationally and internationally recognized academic institutions of excellence.
- Students are also coaxed to publish in journals and if they have a literary bent they are encouraged to write and publish books and their artistic works in magazines.
- A Merit Day is organized every year by the college, departments, PTA and OSA for recognizing the achievements of these students.
- Students also help research faculty in their research work by assisting in field work, data collection, analysis and interpretation.

As a result of these initiatives a good number of our students secure admissions in reputed institutions like Centre for Cellular and Molecular Biology (CCMB), Hyderabad, Centre for Food Technological Research Institute (CFTRI), Mysore, Rajiv Gandhi Centre for Biotechnology (RGCB), Trivandrum, JNU, EFLU, NIAS, ISSAC, IISER, National Institute of Inter Disciplinary Science and Technology (NIIST), Trivandrum, Kerala Forest Research Institute (KFRI), Thrissur and various Indian Institutes of Technology (IITs), and Central and State Universities.

2.2.6 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

The College strictly adheres to the reservation policy for the differently abled and physically challenged students. One seat in each programme is reserved for the students of these categories. The following measures are in place to cater to their specific needs:

- Additional tutorial classes and extra coaching are given to differently-abled students
- Computer screen reader software is made available for the visually challenged in the library
- For the easy accessibility of differently-abled students the college arranges classrooms on the lower floors
- Scribes are allowed while appearing for examinations and extra time is given to finish examinations for those who have produced medical certificate or university order
- Ramps are constructed for the students who are differently-abled.
- Preference is given to such students for hostel accommodation
- Concession is given in hostel.

2.3 Teaching-Learning Process

The College has a well-structured approach to the planning, designing and organizing of the teaching, learning processes.

2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules?

Academic Calendar

The college has an Academic Council which is in charge of bringing out the Academic calendar. The academic calendar is approved by the Governing and College Councils and is strictly followed in the College.

The autonomous status awarded to the College has eased the scheduling of teaching, learning and evaluation processes.

The academic calendar is prepared at the commencement of every academic year. It specifies details such as number of working days, important holidays, examination schedules and other important academic activities of the college. These dates and schedules are determined in accordance with discussions with the Boards of Studies, Staff Council and the Controller of Examinations.

The Academic Management System that is used in the College is set every year according to the academic calendar. The College follows semester system and a common regulation based on the norms of University of Calicut and based on this the College has designed its own Calendar.

College Time Table

A general timetable is issued by the college for all programmes specifying the distribution of classes and allotment of classrooms for every session.

Department Time Table

Department wise time tables are slotted, in keeping with the general time table which specifies the work allotment among different members of the faculty in the department.

Class teachers inform the schedule to students in advance so that students can prepare their seminars and assignments. The faculty members frame pedagogical schedule so that 40% of syllabus is covered before the first internal examination, the next 40% before the second internal examination and the remaining 20% before the end semester examination including revision.

PG students and final year UG students are given a detailed schedule which includes their dissertation/thesis work, field work, lab experiments etc.

Department meetings are the venues where heads of departments audit the progress of topics covered. The College Manual which consists of all details is distributed to students at the beginning of every year.

Evaluation

The autonomous status of the College and the Continuous Assessment System (CAS) has been the deciding factors in the evaluation process. The Assessment is carried out by incorporating attendance, assignments, seminars and the performance of students in internal examinations and in the end semester examination.

- The evaluation process is transparent and the methods and calculation of evaluation is available to everyone in the *Linways*, the academic management system.
- The criteria for grading is finalised on the basis of decisions in Academic Council and discussions with Controller of Examinations; and the grading system is duly informed to the teachers.
- After handing out the corrected answer scripts to the students and cross checking for errors, the marks are uploaded in the software and displayed on the notice boards.
- Teachers also display the schedule for seminar presentations by students for respective courses on the notice board at the beginning of every semester.
- Since autonomy in 2014, the Controller of Examinations drafts the examination schedule which includes dates of internal as well as end semester examinations for various programmes. The meeting of the Chairpersons of Boards of Examinations finalizes the schedule of examination at the beginning of each semester.

2.3.2 Does the College provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Course outline and schedules are made available to the students at the beginning of the semester by the respective teacher. It contains detailed syllabus, time allotted for the completion of each module and the credit allotted to each course. This information is also published on the official college website.

The College Council and IQAC oversee and review the process to ensure that the process strictly follows the schedule and make sure the effectiveness of the process.

Students are also encouraged to collect relevant study materials prior to the full-fledged commencement of class. The 'feedback' of students and their involvement in curriculum design through the Department Council is the major aspects that have made the academic process student-centric.

2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

Apart from lecture method, the academic programmes make use of seminars, assignments, practical, group discussion, institutional visits, industrial visits, film screening, field study, invited lectures, visits of external experts, experience sharing by senior students and alumni, study tours, case studies and participation in competitions, seminars, and conferences. Teachers encourage students to interact while teaching. Informal question and answer sessions in the class help teachers to gauge advanced learners and weaker students.

Students also seek the advice and pedagogical help of teachers beyond the classroom lectures to appear for entrance tests for higher studies in Major Universities, Institutes of national and International repute. Most of the departments in the college have two fully ICT enabled smart classroom. The use of power point presentations, films, videos, documentaries and online materials enhances the effectiveness of the teaching.

2.3.4 How 'learning' is made more student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

As mentioned, different departments use various strategies in the constant effort to make learning a continuous and more student-centric process. The following are some of the methods commonly adopted:

- Seminars by external subject experts, practitioners in the public /policy sphere etc. in which experts interact directly with students.
- Students conduct classes and seminars.
- Group discussions and debates in a participatory mode.
- Topic related quizzes which incorporate students from other programmes too.
- Project works sessions
- Industrial visits.
- Study tours and field surveys.
- Demonstrations.
- Street plays.
- Film making, Film screening and documentary production.
- Practical/laboratory based projects and classes.

These are some of the commonly used methods. The main objective of the use of such teaching methodologies is to bring the Student into the central position of the Knowledge Management process and to inculcate in them the spirit of continuous learning inside as well as outside the classroom. The College ensures that adequate ICT and smart classroom facilities are available in every department to facilitate the process.

In the past few years some of the key pedagogical features that St. Thomas' College had been evolving are methods to improve students-centric learning along with participatory teaching methods and holistic learning. Student involvement, decentralized pedagogical methods and end user approach have been found to be effective in increasing the participation of students in the learning/teaching process.

- Student Centric Learning
- Student participation in curriculum design
- Peer teaching
- Research oriented seminars and assignments
- Self-study and reading of extra educational materials.
- Participatory Methods
 - Interaction in classroom lectures.
 - Case studies, examples, illustrations and demonstrations
 - Film Production: From script to post-production
 - Encourages creativity
 - Students assist in the research activities of the research faculty

- Field work, experiments and visit to industries and institutes
- Use of ICT through academic management system (group mails and uploading of academic resources available for everyone)
- Not just within the classroom but extra-mural activities
- Interaction with eminent personalities
- Students learn to interact both vertically and horizontally with seniors and the teachers and also their peers respectively. Decentralized mode of learning is more preferred than the hierarchical approach.
- Lifelong Learning
 - Inculcate the habit of learning
 - Students after leaving the college come back to use library and labs and to interact with teachers for advice on higher studies, future prospects and career
 - Alumni and Old Students' Association
 - Ethical and moral responsibility of educated citizens of the country
- Knowledge Management
 - Sharing resources
 - Promoting knowledge through social media and video sharing sites like Youtube
 - Apply the knowledge in practical situation.
- Holistic Development
 - St. Thomas for Society which incorporates students in to Social action.
 - SASAP programme brings students to work for orphanages and old age homes.
 - ASAP

2.3.5 What is the College policy on inviting experts / people of eminence to provide lectures / seminars for students?

The College actively encourages the faculty and departments to invite eminent academicians, external experts and resource persons. The IQAC sets aside guidelines and provides resource funding for such Seminars and Lecture Series as conducted by each department on an annual basis.

- Various departments invite different subject experts and eminent personalities to conduct seminars, workshops etc. on various topics.
- For national and international lectures, seminars, workshops and conferences conducted by the college, internationally renowned academics and artists are invited. They are also requested to interact with students and teachers.
- Departments conduct lecture series such as Medlycott Lecture, Msgr. Palocaren Lecture, Msgr. Moothedan Lecture, Prof. K.P.Antony Lecture etc. by eminent academic personalities to give the students and faculty a chance to interact with them and to broaden their knowledge.
- Important guests are also invited for observation of special Days such as The National Science Day, Ozone Day, Environment Day, World Tourism Day etc
- There are 22 clubs active in the College which invite external resource persons to conduct programmes, classes/workshops, give lectures etc.
- Women's Cell, Equal Opportunity Cell, Career Orientation Cell, Counselling Cell and anti-narcotic Cell organize programmes

- Eight Research Centres invite experts in different fields to conduct various programmes.
- The College Union organise Book festival, Film festival, Readers day etc .and invite eminent scholars.
- The NSS and NCC are two other organisations in the institution which conduct camps, classes and workshops handled by experts.
- The College has many eminent, inspiring and successful people amongst its Alumni who are regularly invited by various bodies to address the students and interact with them.

Name of the Academicians/Researcher	Year
Dr.Radhakrishnan, Former Chairman, ISRO	2010
Dr. V M Madhusoodanakurup, Vice Chancellor of Kerala University of Fisheries and Ocean Studies	2013
Dr. M C Dileepkumar, Vice Chancellor of Kerala Sanskrit University	2014
Dr. M K C Nair, Vice Chancellor of Kerala University of Health Sciences	2015
Dr. Kuruvilla Joseph, Prof. & Dean, Indian Institute of Space Science and Technology(IIST), Trivandrum	2015
Dr. P Easa, Director, Kerala Forest Research Institute	2013
Dr. Sailas Benchamin, Director of Research, University of Calicut	2014
Dr. George Varghese, Director of Research, University of Calicut	2012
Dr. Santhosh Nampy, Director of Research, University of Calicut	2015
Dr. Lourdeswami, Director of Research, Loyola College, Chennai	2011
Dr. A P Jose, Principal, St. Thomas College, Pala	2011
Dr. Rani Varghese, Emeritus Professor, Cochin University of Science & Technology	2012
Prof. K Ravindranath, Pro-Vice Chancellor, University of Calicut	2012
Gayathri Spivak, Department of Comparative Literature, Colombia University, New York, USA.	2010
Prof. Richard Schechner, Editor, TDR, Department of Performance Studies, NYU	2015
Ashish Nandy Prof. CSDC New Delhi	2010
Akeel Bilgrami Seminar on 'Liberalism' Department of English, October 21	2011
Prof. Lakshmi Bandlamudi, Department of English, Burrough Community College, New York	2014
Solomon Benjamin Professor, IIT Chennai	2015
Madhav Prasad, Professor in Film Studies, IFLU Hyderabad	2015
Dr. Richard Trembley Children's Books Editor, Guardian Newspaper, UK	2014
Ms. Sunitha Namjoshi, Author Re-reading Classics in Children's Literature	2015

Prof. Mukundan Thelakkat, Bayrut University, Germany.	2011
Prof. P. V. Ramachandran, Director, H C Brown Centre for Borane Research, Department of Chemistry, Purdue University, USA	2014
Dr. Abhram Joseph, Registrar, Kerala Fisheries University	2014
Dr. Sebastian C P, Faculty, JNCASR, Bangalore.	
Dr. P Ravindran, University of Calicut.	
Prof. Meledath Govindhan, Kentucky University, Massachussetts, USA.	2013
Prof. Henry F Shaefer, University of Georgia, USA	2012
Prof. Salahuddin Kunju, Kerala University, TVM	
Dr. Swathy P S, IISER TVM	2011
Dr. Sureshdas, NIIST, TVM	
Dr. Parameswaran, NIT, Calicut	
Dr. V. Kumar Scientist, C-MET Athani and Dr. Krishnamohan GP software developer, NIIST, TVM	2015
Dr. Mansingh, Central University, Gujarat.	2011
Dr. S Prabhakar, Principal Scientist, IICT Hyderabad	2015
Dr. George Mathew, Emeritus Scientist (KSCSTE) Rtd Kerala Forest Research Institute Peechi, Kerala	2013
Dr. V.S Vijayan, Former Director SACON, Coimbatore, Former Chairman, Kerala State Biodiversity Board	2015
Dr. Jayson E V HOD, Dept of Wildlife, KFRI, Peechi	2015
Dr. Jose Kallarackal Emeritus Scientist (KSCSTE) Rtd. from Kerala Forest Research Institute, Peechi, Kerala	2014
Dr. Krishnakumar N Menon, Associate Professor, Centre for Nanosciences and Molecular Medicine, Amrita University	2015
Dr. S D Biju, Professor, Delhi University	2015
Dr. Ullasa Kondaramaiah Assistant Professor, IISER, TVM	2015
Dr. Neelesh Dhanaukar, DST-Inspire faculty fellow, IISER Pune	2015
Mr. Thomas John Clinical Scientist, Dubai Blood Donation Centre	2015
Dr. Kurien E K Special Officer and Head of the Institution ACCER KAU	2015
Mr. Jedy Jose Sr. Technical Officer, CCMB Hyderabad	2015
Dr. K P Soman Professor, Amrita Viswa Vidyalyaya, Coimbatore	2014
Dr. Elizabeth Sherly Professor, IIITM-K, Thiruvananthapuram	2014
Dr. Md Shahid Abdulla IIM, Kozhikode	2013
Dr. Gilson Thomas Principal, Jyoti Engineering College, Thrissur	2013
Dr. VijayaKumar. Dean, Mahatha Gandhi University, Kottayam	2012
Dr. George Athappally Anna University, Chennai	2013
Dr. M S Samuel Director, Mar Athanasious College for Advanced Studies, Thiruvalla	2012

Dr. Prathibha Sharma, Principal Scientist and Professor, IARI, New Delhi	2015
Dr. K Ruckmani, Director, Centre for Excellence in Nanobio Translational Research Centre, Anna University, Tiruchirappalli	2015
Mrs. Shobhana Bhaskaran, Scientist E, DST, Govt. of India	2015
Dr. E V Ramasamy, Former Director, SES, MG University Kottayam	2015
Dr. K G Raghu, Principal Scientist Agroprocessing & Natural products Division, CSIR - (NIIST), Thiruvananthapuram	2015
Dr. K B Rameshkumar Scientist E1, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Palode	2015
Dr. Jose T Puthur. Director, Directorate of Admissions, University of Calicut	2015
Dr. Ajaikummar B Kunnummakara, Associate Professor, Indian Institute of Technology Guwahati	2015
Dr. Sreekumar V B Scientist, KFRI Peechi	2015
Prof. K Raveendranath Pro Vice Chancellor, University of Calicut	2015
Dr. M Sabu Professor, Dept. of Botany, University of Calicut	2014
Dr. Mujeeb Rahiman Professor, CUSAT, Ernakulam	2014
Dr. N Sasidharan Scientist, KFRI, Peechi	2014
Dr. Anitta Cherian K Professor, Kerala Agricultural University	2015
Dr. K. P. Vijayakumar, Department of Physics, Cochin University of Science and Technology (CUSAT).	2014
Dr. C. Sudha Kartha from Department of Physics, Cochin University of Science and Technology	2014
Mr. K. M. Martin, Scientist E, National Institute of Electronics and Information Technology, Calicut	2014
Dr. K. A. Davis, Director, Radiation and Safety Department, Kerala.	2014
Dr. B. N. Dileep, Head, Environment Survey Laboratory, BARC, Kaiga, Karnataka.	2015
Rev. Dr. Joseph Mathew Associate Professor, Institute of Philosophy & Religion, Eluru, Andra Pradesh	2015
Dr. Vineeth Valsan, Indian Institute of Astrophysics, Bangalore	2015
Mr. Abhishek Jose, Biophoton Technologies, Cochin	2015
U. Prabhakaran Deputy Project Director, SRE Project, ISRO, Bangalore	2010
K. Radhakrishnan Chairman, ISRO	2010
Dr. K. Vasudevan Professor & Dean, Dept. of Electronics, CUSAT	2011
Dr. Ramachandran Thekkedath Vice Chancellor, CUSAT	2011
Dr. V Kumar Director, Centre for Material Electronics And Technology (C-MET) Athani, Thrissur	2015
Dr. T R Viswanathan Professor, Texas University, Austin USA	2015
Subrahmanian Seetharaman Director, Avago Technology, Hyderabad.	2015

Kunal Sen Professor, Manchester University	2012
Dr. A A Erumban Faculty, Groningen University	2012
Dr. Suresh Babu Faculty, IIT Madras	2012
Dr. Jose Sebastian Faculty – Gulati Institute for Finance and Taxation	2015
Dr. Mary George Member , Kerala State Expenditure Review Committee	2015
Dr. Sunny George Faculty – KILA	2015
Adv. Seena Rajagopal Activist, Professor at Kerala Police Academy, LMD; Legal Advisor, KWDC, Jananeethi	2012
Prof. Joy Joseph Former member Board of Studies and Academic Council at the Mahatma Gandhi University, HOD, Nirmala College, Muvattupuzha	2012
Dr Kurias Kumblakuzhy, State Information Commissioner	2015
Prof. Rajan Gurukkal Vice Chancellor, Mahatma Gandhi University, Kottayam	2015
Sri. K K Muhammed Former Director Archaeological survey of India	2015
Prof. Vijaya Ramaswamy CHS, Jawaharlal Nehru University, New Delhi	2015
Dr. George Michell University of Cambridge	2014
Prof. Pius Malekandathil CHS, Jawaharlal Nehru University, New Delhi	2012
Dr P. K. Michael Tharakan Vice Chancellor, Kannur University, Kannur	2011
Prof. MGS Narayanan Former chairman ICHR	2015
Prof. Dr. V K Vijayakumar, Investment strategist, Geojit BNP-Paribas	2013
Mr. Anand Sheyon, State Head, MCX	2013
Dr. Abhilash S Nair, Asst. Professor, IIM Kozhikode	2013
Mr. Biju Gopinathan, Asst. Vice president, NCDEX.	2013
Prof. Raveendranath K, PVC, University of Calicut	2013
P Raju Iyer, Chairman, SIRC of ICAI, Chennai	2013
CMA Padmanabhan H FCMA, Central Council Member, The Institute of Cost Accountants of India	2015
Dr. K P Mani, HoD, Professor in Economics, John Matthai Centre, University of Calicut	2015
Dr. Dileepkumar M.C., Vice Chancellor, Sree Sankaracharya University of Sanskrit, Kalady	2015
Dr. Mathew Manimala Director-Research, XIME & Former Professor, IIM-B	2015
Dr M Sethumadhavan, Professor in Mathematics Head, TIFAC, Amrita Vishwa Vidyapeetham, Coimbatore.	2015
Dr. M N Narayanan Namboodhiri Department of Mathematics, CUSAT, India.	2015
Dr. Subrahmanian Moosath K S Department of Mathematics, IIST, Thiruvananthapuram	2015

Prof. Dr. Krishna Dev Singh, Department of Mathematics (ICDEOL), Himachal Pradesh University, Shimla , India	2015
Prof. Ramankutty, Prof. in Mathematics, Australia	2014
Prof . A V John, TIFR Mumbai	2014
Dr. A M Mathai, Emeretus Professor, Mc Gill University, Canada	2015
Dr. N Raju, Professor, University of Calicut	2015
Dr. Stephy Thomas, BCM College Kottayam	2015
Dr. K K Jose Emeritus Professor, Central University of Rajasthan	2015
Sunny Joseph, Cinematographer	2011
M Sasikumar, National Seminar on South Indian Cinema.	2012
K P Madhu, Director, Science Video Project, ICER, Pune.	2015
Vidyardhi Chatterjee, Film Critic	2014
Anand Patwardhan, Film Maker	2015
Madhu, Eminent Film Actor	2015
Pallavi Krishnan Mohiniyattam dancer	2014
Boris Duzou Pastor	2013
Maya Thanberg	2014
Rev. Dr. M K George, Director, Indian Social Institute, Bangalore	2011
Mr. Saju Paracka South Asian Research Coordinator, Butterflies, New Delhi	2012
Dr. Cherian P Kurian, Director School of Social Work, Marian College, Kuttikkanam	2013
Dr. Benny Joseph CEO, Jubilee Mission Medical College, Thrissur	2014
Dr. Fr. Joe Arimboor, Director, DB ARK, New Delhi	2015
Dr. P Ilango, Professor, Bharatidasan University, Trichy	2015
Mr. Pradip Somasundaran, Principal, CAS (IHRD), Vadakkencherry	2012
Ms. Nazeema T. H., HOD, Department of Biochemistry, RVS College, Coimbatore	2012
Dr. Fr. Francis Alappatt, Founder Director, JMMC, Thrissur	2012
Dr. V. Kumar, Director, C-MET, Thrissur	2015
Dr. Jayanand B., HOD, Department of Electrical Engineering, GEC, Thrissur	2015

2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching?

With the constant advancement of science, the College is conscious of the emerging need to keep up with the latest technologies available, which can aid in effective and innovative teaching as well as learning. Some of the initiatives taken by the institution in this regard are:

- All departments are Wi-Fi enabled. Every department has a minimum number of classrooms which are equipped with Projectors, LED televisions, Smart Board etc.
- The College has licensed versions of various software packages such as *SPSS*, *MATLAB*, *Wings*, and both *Microsoft Windows* as well as *Linux* operating systems.
- The institution's library has access to INFLIBNET N-LIST which makes available over 6000 e-journals and e-books around 135000.
- The College Library uses *Koha*, an open source library management software.
- The entire grading system is done by *Linways* software and many teachers upload their research papers and resources for teaching to be used by other teachers and students.
- Power point presentations, videos and images are used for teaching
- Microphones are used by many teachers while teaching
- Projection room in the department of Visual communication to project videos, films and documentaries

2.3.7. Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance? If yes, give details of the process and the number of students who have benefitted.

St. Thomas' College, Thrissur has instituted a Counselling Cell with professional counsellors, psychologists and educators the office of which is open on all days. The Cell provides counselling to students individually and class wise, every Friday. The counselling Cell has been in place since 2001 and around 6000 students benefitted from counselling sessions, workshops and group counselling.

- The College has a tradition of holding a mentoring session once in a week. Each class is assigned with a teacher who interacts with the students during this hour to evaluate their performance, look into their requirements and suggestions and to listen to their grievances.
- Each student gets to interact on a one-on-one basis regarding academic, personal and psycho-socio issues with the mentor who is a member of the faculty.
- The institution maintains a list of professionally qualified counsellors, clinical psychiatrists and clinical psychologists to whom it recommends cases which need further consultation with the consent of the parents.
- As a mentoring project, Walk with the Scholar and Scholar Support Programme are introduced.
- The college has a Grievance Cell, an Equal Opportunity Centre as well as Women's Cell to look into the problems faced by female students in particular as a part of empowering women.

Students benefitted from the Counselling Cell in the year 2014-2015

Item	% of students benefitted
Academic Advice	73
Help from Mentors	88
Counselling	17

2.3.8 Are there any innovative teaching approaches/methods/ practices adopted/put to use by the faculty during the last five years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

The most significant innovative teaching and learning methods include the following pedagogical practices:

- Active learning process - In Active learning process, students engage in activities, such as reading, writing, discussion, problem solving and result in analysis, synthesis, and evaluation of class content.
- Strategies based on in Questioning method include the learning strategy developed through quiz programmes such as Com Quiz and Students' Corner.
- Study in small groups is a peer to peer learning process which is immensely innovative in its involvement of students.
- Case Study Method is an exceptionally successful learning strategy that incorporates issues and their analysis. Case study method is further enhanced through Cooperative Learning and the involvement of students, specifically in the PG Classes.
- Increasing involvement of the Academic Management System in the teaching learning process through uploading Power Point Presentation, study materials and other supporting documents.
- Promoting interdisciplinary studies and research.
- Inter Departmental teaching learning strategies are promoted.
- The faculty is advised and encouraged to take the help of technology to promote interactive and participatory teaching and learning.
- Two classrooms of each department are equipped with LCD projectors etc.
- Subscription to INFLIBNET N-LIST and e-journals give access to numerous scholarly articles and reports which are used extensively as learning materials, for group discussions, presentations etc.
- Online communication between teachers regarding academic and administrative activities.
- Availability of internet facility within the campus facilitates the preparation of semester-wise schedules, study materials and their easy circulation among the students. This prior information enables them to come prepared to class and thereby have participatory debates and discussions.
- Critical thinking is inculcated in the students by incorporating critical thinking pedagogical methods in teaching.
- Debate club, quiz club, nature club ED club, Writers club, Science club etc promote student oriented activities and student-centric learning.
- Internet Protocol TV (IPTV) is an educational project under process which once complete will enable teachers to record and upload class lectures online.
- Community Radio & Content Development for Education is another such project under construction which will provide audio resource and online materials for various subjects.

2.3.9 How does the College create a culture of instilling and nurturing creativity and scientific temper among the learners?

One of the important goals of St. Thomas' College as an educational institution is to spread knowledge by instilling scientific temper and nurturing creativity among its learners so that they grow as they learn and ultimately are able to give back to the society. In this regard, there is a constant effort to pay due importance to alternative methods of learning such as site visits, industrial tours, study tours, laboratory work and experiments etc.

Students are inspired and encouraged to find their own areas of interest/ study/ expertise. Seminars and workshops are conducted for teaching the principles of science, scientific reasoning and instilling a scientific temper. Final year PG students are motivated to design and take up independent projects across the vast section of their curriculum. The students are exposed to different schools of thought and interdisciplinary approaches of various subjects. In the spirit of encouraging creativity, participation in competitions in Arts, life skills and soft skills are given due importance.

Exposure to and interaction with eminent academicians and artists who are invited to the college instil creativity among the students.

The general syllabus has articles that encourage scientific temper in students.

Students are encouraged to publish and present articles and research papers in journals and seminars.

Stracker software used for academic management upto 2015 was developed by the students of Computer Science Department. Visual Communication Department has produced award winning short films and documentaries. PG students and PhD scholars are given research methodology courses for the development of scientific temper in their research work.

2.3.10 Does the College consider student projects a mandatory part of the learning programme? If so, for how many programmes is it made mandatory?

Yes, project work is a compulsory part of both UG and PG programmes across all departments. In the case of UG programmes, the project work is carried out group wise, with around five members in each group. PG projects are carried out on an individual basis. Project submissions are followed by viva-voce examinations.

Humanities students usually go to the society for their research project study, while Science students to the industry and Commerce students to Business firms. Many projects are carried out in collaboration with various institutes and industry. The mark for project work is seminal in selecting students for the award for the Best Student, instituted by PTA.

The faculty plays a significant role in guiding and inspiring the student in the project work.

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials? What are the facilities available in the College for such efforts?

All the teachers appointed have basic and advanced levels of computer skills. Teachers are given specialized coaching if there are new advancements in ICT which pertain to the curriculum. The Librarian consistently provides demonstrations and lectures to the faculty regarding the use of e-recourses Library catalogue, library data base software, new development in digital libraries and the use of e-books and e-journals and about citations.

The Department of Computer Science provide training to teachers on Academic Management Software. The College conducts regular workshops on Online Resource Management and Library Resource Management for the teaching staff. Seminars on ICT supported teaching are conducted to familiarise the faculty with the latest available technologies used as teaching aids. Teachers are encouraged and motivated to adopt these methods as far as possible in their teaching practices. The college has taken steps to ensure that adequate Wi-Fi/internet facilities, LCD projectors, LED televisions etc are provided across the campus.

2.3.12 Does the College have a mechanism for evaluation of teachers by the students / alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

The College has a systematic Students' Evaluation of Teachers (SET) which is conducted at the end of every academic year since 2006. The SET form has a common format which is filled by all students. This evaluation is based on questions regarding academic excellence, interaction quality, communication skills, efficiency in teaching syllabus, efficiency in covering syllabus, personal interaction with students etc. The response is collected and processed scientifically. The outcome of the SET is communicated to all the teachers individually by the Principal and the IQAC.

Starting from the current academic year 2015-16, the SET has been made online which allows for much speedier analysis of results and outcome.

Besides SET, there is a FEEDBACK Page on the official college website which can be filled in by students, parents and any other stakeholders. The feedback from this page is regularly reviewed by concerned authorities and faculty and outcome is communicated to concerned members.

Passing out students are encouraged to give feedback on the teaching learning processes and experiences and their comments and opinions are analysed and communicated to the teachers for improving and updating their teaching.

The feedback of alumni is sought at every possible opportunity such as general and departmental get-togethers which helps the college to have a comparative analysis of teaching processes. On the college website there is an option for alumni to give feedback regarding teaching processes and teachers.

2.3.13 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes, elaborate on the challenges encountered and the institutional approaches to overcome these.

Before the College was awarded the autonomous status the Academic calendar was designed by the affiliating university and the schedule was almost always delayed. After getting the autonomous status the academic calendar is planned and published at the beginning of every academic year by the College. This helps in efficiently pre-planning the programme and other activities in each semester. Therefore, there are rarely any serious problems faced in the matter of completing the curriculum on time. In the event of such an occurrence, the concerned teacher of the course makes up for it by conducting special classes. After the banning of student strikes in the campus from 2012 onwards, teachers never face any issue regarding the completion of curriculum.

2.3.14 How are library resources used to augment the teaching-learning process?

St. Thomas' College, Thrissur has very rich and vast library resources. It has nearly one lakh books collected over nearly a century, making it one of the largest libraries in Kerala. The College subscribes to *National Library and Information Services Infrastructure for Scholarly Content (N-LIST)* of INFLIBNET with access to more than 6000 e-journals and 135000 plus e-books. A Media library is a project in progress.

Besides being well stocked with several books related to each subject, there is also a large collection related to general topics, advanced topics and books for competitive exams. For some departments and subjects, there are book banks for books which are otherwise too expensive to be purchased by students on a personal basis. This facility is for deserving students and the books are made easily accessible for students. Some of the features that augment teaching/learning processes are:

- Library is open before and after the regular working hours.
- Librarian gives an orientation class for every batch to enable students to use better the resources and electronic facilities available for them.
- *Koha* software is used to ensure better access to books in the library
- New books arriving in the library are displayed on the New Arrivals rack for **two** weeks for visibility
- Teachers and library staff encourage students to use more of E-journals, e-books and e-resources
- For assignments, seminars and projects teachers insist students to use library and online library resources.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance?

The monitoring and evaluation of teaching, teaching methods used, classroom environments and their effect on student performance is mainly carried out by the IQAC.

- The IQAC collects and analyses the SET forms filled out by students at the end of the academic year. From 2015 onwards the Students Evaluation for Teachers has become online.
- PTA meetings are also a mechanism for collecting, evaluating and assessing the feedback of the parents of respective students.
- The college website has a mechanism for collecting online feedback from various stakeholders.
- Each department has a Department Council which consists of the Head of Department, Class Teacher and two student representatives. The Department Council acts as the bridge between the student body and the faculty at each department so as to convey the opinion, suggestions and criticisms of the students to the faculty.
- Illustrating by examples, demonstration of complex concepts through visual and pictorial aids and integrated teaching platforms are some methods followed by the teachers.
- The result of the students in each semester is finalised in the meeting of the Chairpersons of Boards of Examiners convened by the Controller of Examinations. After publication, the results are discussed and analysed by the

Department Council. Class-wise PTA is an arena where results of students are analysed, weaker students are identified and given extra care.

- The College Council, IQAC and Academic Council monitor and review the various aspects of student-performance and report the relevant details to the Management.

2.4 Teacher Quality

2.4.1 What is the faculty strength of the College? How many positions are filled against the sanctioned strength? How many of them are from outside the state?

Faculty strength of the College: 147

(Aided: 103; Unaided: 44)

Positions are filled against the sanctioned strength: 145

From outside the state: 10

2.4.2 How are the members of the faculty selected?

The recruitment of teachers is carried out as per the norms of UGC, Government of Kerala and University of Calicut. The management, Principal, government and university nominees strictly follow these norms and make sure that recruiting interview is conducted in a fair and proper manner. The vacancies are notified in newspapers and in the college website and the application forms are accepted for a period of 1 month after the notification. The candidates are selected based purely on merit and academic qualifications.

The interview is conducted only in the official presence of the nominees from the university (subject expert) and state government.

The various criteria on which the candidates are selected are

- Academic Merit
- Research Experience including PhD and post doctoral qualifications.
- Publications
- Previous work experience and exposure.
- The language and teaching skills of the candidates are tested by asking them to demonstrate a mock lecture

The results of the interview are published without delay and the appointment of the teachers is made subject to the convenience of the selected candidates.

2.4.3 Furnish details of the faculty (as on 31st December 2015)

Highest Qualification	Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	
Permanent Faculty					
Ph.D	18	Nil	20	10	48
M.Phil	5	Nil	3	5	13
PG	7	Nil	20	15	42
Temporary Faculty					
Ph.D			2	Nil	2
M.Phil			Nil	1	1

PG			20	21	41
Part Time Faculty					
Ph.D					
M.Phil					
PG			1		1

2.4.4 What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET, and SLET exams? In that what percentage of teachers are with PG as highest qualification?

58.5% of teachers have UGC-CSIR-NET as their highest qualification and among them 44.2% of the teachers have PG as their highest qualification.

2.4.5 Does the College encourage diversity in its faculty recruitment? Provide the following departments-wise details.

The College encourages gender, religious and linguistic diversity in its faculty body.

Department	Faculty members from				
	Alumni of the college	Other colleges within the state	Other states	Abroad	Total
English	5	7	Nil	Nil	12
Economics	1	5	1	Nil	7
Statistics	1	7	Nil	Nil	8
Commerce	6	7	Nil	Nil	13
Zoology	4	2	1	Nil	8
Botany	4	4	Nil	Nil	8
Mathematics	5	6	Nil	Nil	11
Computer Science	Nil	1	3	Nil	4
Physical Education	1	1	Nil	Nil	2
Political Science	Nil	1	Nil	Nil	1
Physics	7	4	Nil	Nil	11
Chemistry	7	3	1	Nil	11
Malayalam	Nil	2	Nil	Nil	2
Hindi	Nil	2	Nil	Nil	2
Sanskrit	Nil	1	Nil	Nil	1
Computer Application	4	3	Nil	Nil	7
Social Work	1	4	Nil	Nil	5

BBA	Nil	5	Nil	Nil	5
Commerce (SF)	3	2	Nil	Nil	5
Electronics	5	Nil	2	Nil	7
Visual & Multi Media Communication	Nil	5	2	1	8

2.4.6 Does the College have the required number of qualified and competent teachers to handle all the courses for all Departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last five years?

Yes. The College has the required number of qualified and competent teachers to handle all the courses for all the departments. In the case of temporary vacancies, qualified Guest teachers are appointed after conducting an interview till the permanent faculty is selected or returns to the post.

Faculty members appointed in the last five years:

Year	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
No of Appointments	10	1	22	13	9

2.4.7 How many visiting Professors are on the rolls of the College?

There are no visiting Professors on the rolls of the College.

2.4.8 What policies/systems are in place to recharge teachers?

The College understands the importance of the need to recharge the teachers to increase their efficiency in carrying out their responsibilities. Various programmes are put in place in order to help the teachers stay in touch with the latest developments in their respective fields. Research and teaching/learning-pedagogical methods are the key factors that have come to the fore after the awarding of autonomous status in 2014.

- Faculty Development Programmes (FDP) is a provision provided to teachers who are interested in higher degrees like M. Phil and Ph. D.
- Teachers are encouraged to attend and participate in Orientation and Refresher courses.
- Research Council encourages and supports teachers to apply for major and minor research projects.
- Projects carried out in international collaboration or in cooperation with external agencies, research, academic exchange and post-doctoral programmes are also encouraged.
- Participation in Seminars, conferences and workshops are encouraged and financially supported by the IQAC.

- The departments of English and History of the College have their own journals.
- For international exposure teachers are encouraged to attend conferences and seminars abroad.
- Teachers from the college are invited to give lectures in various institutions within the state and outside and this is supported by college.
- Eight departments of the College are recognised research centres of the University of Calicut and teachers are encouraged to take up research guide ships.

2.4.9 Give the number of faculty who received awards / recognitions for excellence in teaching at the state, national and international level during the last five years. :

1. Dr. Joby Thomas K: Best Teacher Award by Chemical Research Society of India -2011; M.M. Ghani Best Teacher Award by University of Calicut - 2014
2. Miss. Reeja Johnson: UGC Seminar; Best Poster award at S.N. College Nattika. 2015
3. Dr. C.D. Varghese: Cancer Care Award Kerala 2013; Social Awareness Award 2014; Hridayarpana Award for completing One lakh Cancer awareness seminars
4. Dr. Thomas M. T. received P D Sethi award 2010 for the best publication in Chromatography.
5. Dr. Joyce Jose: Dr. C. Chandrasekaran Memorial Gold Medal and Endowment Award for Excellent Research in Forest Management and Conservation in Kerala 2010 by KFRI & KSCSTE.
6. Dr.T.A. Sajesh: Second Best Paper Presentation Award in National Symposium on Statistics and its applications for Young Researchers, Organized by Department of Statistics, University of Madras, Chennai. (2013)
7. Dr. Rani Sebastian: Dr.M.N. Gopalan Young Statistician Award for the year 2011 organized by Indian Society for Probability and Statistics (ISPS).
8. Mrs. Jeena Joseph: Won the Women Scientist Scholarship under the DST Government of India. (2014)
9. Dr. Anto Thomas C.: Honoured as the Invited Keynote Speaker on Asian Childhood at the 22nd Biennial Congress of the International Research Society for Children's Literature held at the University Of Worcester, England - International Research Society for Children's Literature
10. Dr. C.S. Biju - Charles Wallace Research Award - Charles Wallace Trust 2011.

2.4.10 Provide the number of faculty who have undergone staff development programmes during the last five years.

- Faculty participated FDP : 4
- Refresher Course: 16
- Orientation Course: 24

2.4.11 What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies: 21%
- participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies: 47%

- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies:38%
- teaching experience in other universities / national institutions and others: 5%
- Industrial engagement:2%
- International experience in teaching: Nil

2.4.12 How often does the College organize academic development programmes for its faculty, leading to enrichment of teaching-learning process?

IQAC supported conferences conducted by various departments on recent developments in concerned disciplines serve as faculty recharge programmes. Research Committee Seminars conducted annually provide orientation and focus to the faculty.

Curricular Development – workshops,

Workshops on curriculum development are conducted by the concerned Boards of Studies by incorporating experts in the relevant disciplines.

Teaching-learning methods- IQAC

Teaching learning methods and strategies are consistently renewed and implemented by faculties and administrative bodies. IQAC, sets the benchmarks for improvement and innovations in teaching and learning and promotes a proper ambiance for ideal imparting of knowledge.

Examination reforms

- The office of the Controller of Examinations functions as the kernel of the evaluation process.
- Examination Manual approved by the affiliating University is prepared and maintained for the smooth conduct of examinations.
- Panel of question paper setters is nominated by the Chairmen of the Boards of Studies and selection of question paper setter is by the office of the Controller of Examinations.
- The internal examinations are also conducted in a centralised manner.
- There is an internal evaluation and external scrutiny for UG examinations.
- There is double evaluation for PG examinations.
- The Chairmen of all Boards of Examiners meet to evaluate the examination process and declare the results.
- Complete confidentiality is ensured through various measures.

Content / knowledge management-library, data analysis, SPSS

- The articles, teaching materials, power points and notes by the teachers are uploaded to the academic management system and made available to students.
- Department of library conducted an orientation programme for faculty on library and information resources.
- Departments of Commerce and Statistics conducted workshops on data analysis using SPSS.
- Department of Commerce conducted national level seminar on “Knowledge Management and E-governance in Corporate Sector” in the year 2012.

2.4.13 What are the teaching innovations made during the last five years? How are innovations rewarded?

- ICT enabled teaching using Smart Boards, LCD Projectors, audio-visual devices. Study materials uploaded on college website, assessment and grading made transparent through website.
- More thrust is given to student-centric learning and teachers design their classes and lectures to achieve this end.
- Integrated Teaching Methods
- Teachers are encouraged to apply for best teacher awards and Dr. Joby Thomas was awarded best teacher M. M. Ghani Award in the year 2014.

2.4.14 Does the College have a mechanism to encourage**❖ Mobility of faculty between institutions for teaching?**

The college encourages teachers to take up teaching sessions and academic lectures in other institutions. In addition to this, faculty is always supported to avail international travel grants, fellowships and research grants to visit other institutions.

❖ Faculty exchange programmes with national and international bodies?**If yes, how have these schemes helped in enriching quality of the faculty?**

Faculty Exchange programme:

1. Dr.Vimal Kumar T. Department of Physics, International Centre for Theoretical Physics, Tokyo.
2. Dr.Anto Thomas C. Sorbonne University, Paris, France.
3. Dr.C.J.Davees, Coimbra University, Lisbon, Portugal.
4. Dr.C.S.Biju., University of Exeter, Charles Wallace Trust, U.K.

Exchange programmes with national and international bodies have significantly helped in improving the exposure and teaching quality of the teachers. New pedagogical methods of international standard are adopted in the classroom. This has also helped in designing a cutting edge curriculum for UG and PG classes and to impart research orientation in the syllabi.

2.5 Evaluation Process and Reforms**2.5.1 How does the College ensure that all the stakeholders are aware of the evaluation processes that are operative?**

The orientation programmes given to all newly admitted students clearly state the evaluation pattern and the examination schedule. The PTA meetings are other occasions where the evaluation process and examination schedule is explained to the parents and students. There is an orientation programme given to the teaching staff of the college to make them aware of the evaluation process of students.

Before declaring the results of each end-semester examination the chairpersons of the Boards of Examiners meet to analyse the examination process, statistics of the results and propose necessary changes in the conduct of evaluation.

Student Evaluation:

- The system is computerized and the results are informed the students on time.
- Improvements and suggestions are also informed.
- All stakeholders are involved in the process.
- Parents are informed about the progress of students.
- The criteria of evaluation is available online for students to see

- The college handbook/diary has the examination schedule and is strictly followed.
- Students are also given department level induction and details about the evaluation processes.
- Copies of the answer scripts are distributed to students on request.

Every teacher informs the students about the assessment criteria for seminar and assignment. PG students who leave the College are encouraged to give feedback on curriculum, syllabi, evaluation, examination schedule etc. This is meant to increase the transparency of the system and to make it more end-user friendly.

Teacher Evaluation:

Students' Evaluation of Teachers (SET) is conducted every year and from this year onwards the online system has been introduced. The teachers are informed of the feedback of the students.

2.5.2 What are the major evaluation reforms initiated by the College and to what extent have they been implemented in the College? Cite a few examples which have positively impacted the evaluation management system?

- Until 2014 St. Thomas' College was affiliated to the University of Calicut and followed the examination schedule pattern of the university. The academic autonomy status of the college after 2014 has given academic freedom to design and implement a customized evaluation process for the College.
- The first and second internal examinations are conducted after covering 40% and 80% of the syllabi respectively.
- Evaluation Indirect System in 10 point scale as recommended by UGC to convert marks into grades is introduced. Semester Grade Point Average (SGPA) is cumulated to (Cumulative Grade Point Average) CGPA.
- A total of 120 credits for UG and 100 credits for PG are assigned in the syllabus.
- The internal examinations of all the batches are centralized
- The Continuous Assessment pattern is followed.
- The Question Paper setters for the end semester exams are nominated by the chairperson of the respective Board of Examiners. The final question paper is selected randomly by the CE.
- Double evaluation is conducted to ensure fairness.
- Results are published on student portal and college website.
- Scrutiny and revaluation of answer scripts are options available for students.

2.5.3 What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?

25% of marks of a student's overall end semester mark come from the two internal exams, seminars, assignments, practical and attendance and this ensures continuous assessment of students' performance. Calicut University follows 20% and 80% pattern to evaluate students. The advantage of academic autonomy is reflected in the flexibility available in the ratio of internal to external marks.

2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigour of the internal assessment process?

Both for UG and PG programmes 25% of the total marks is from the Continuous Assessment which includes two internal exams, seminar and assignment and the percentage of attendance converted to marks.

Continuous Assessment Component and Distribution (UG and PG) of Internal Marks

Criteria	Percentage
Internal Examination - 1	5%
Internal Examination - 2	5%
Seminar	5%
Assignment	5%
Attendance	5%

2.5.5 Does the College adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

The college firmly adheres to the College Examination Manual brought out during the commencement of an academic year. So far there was never an incident where the examination dates had to be changed.

For the batches started before the introduction of autonomy the college follows the University of Calicut examination pattern and schedule.

2.5.6 What is the average time taken by the College for declaration of examination results? Indicate the mode / media adopted by the College for the publication of examination results e.g., website, SMS, email, etc.

The average time taken by the college to declare results after examination is 30 to 45 days for end semester exam. In the case of internal examinations the results are made available online within 10 days after the examinations. The results are published in the college website and sent to the students through email and SMS.

2.5.7 Does the college have an integrated examination platform for the following processes?

The College after awarding the autonomous status in 2014 has been developing an integrated examination platform on its Academic Management System, *Linways* which can address the pre-examination, examination and post-examination processes. The entire conduct of examination is now digitised.

❖ Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.

- Time table generation: Time table for the examination is charted well ahead of the commencement of the exams.
- OMR: The College has no OMR examination system, because the examinations follow the descriptive method.
- Student List Generation: It is the computerized integrated examination platform that generates student list for the exam.
- Invigilators are appointed by the chief superintendant of examinations.
- Squads consisting of senior faculty make surprise visits to examination halls to prevent malpractice.

- Online Payment Gateway: Examination fee is collected on line through the examination management system.
- ❖ **Examination process – Examination material management, logistics.**
 - The question papers (three sets) are collected from the question paper setters and kept in the CE's office. A question paper is selected by the CE and the same is printed in the CE's office and kept confidentially.
 - The answer books with different serial numbers and security features are printed and stored in the CE's office.
 - Utmost importance is given to the discipline within and outside the examination halls and teachers adhere to strict rules against malpractice during exams.
 - The attendance of the candidates is marked and handed over to the office of the Chief Superintendent.
 - The answer scripts are collected after the exams and are stored in the CE's office.
- ❖ **Post examination process – attendance capture, OMR based examination result, auto-processing, generic result processing and certification.**
 - The number of students appeared for the examinations are verified by the Chief Superintendant's Office.
 - The answer scripts in sealed bundles are sent to the CE's office.
 - The first valuation of the scripts is done in the centralized valuation camps by our faculty and the marks are uploaded by the respective examiners immediately after the valuation from the camp itself.
 - The second valuation is done by the external examiners, duly appointed by the CE.
 - A meeting of the Chairmen of the Boards of Examiners is held to analyse the results before the publication. A policy of 'no moderation of marks' is followed by the College.
 - The results are published by the CE. The students are given chance to get their grievances rectified by appealing to the CE and the CE will look into the matter and do what is needed.
 - Requests for revaluation, scrutiny/ copy of the answer script by the candidates are entertained and proper actions will be taken.
 - Mark lists of each semester can be downloaded from the College website.
 - A comprehensive analytical study of the examination process is done after the completion of each end semester examination by the Principal and the CE so that the examination process should be fool proof and excellent.
 - After the completion of the programme consolidated mark lists, together with the Provisional Certificate will be provided to the candidates.
 - Copy of the consolidated mark lists are sent to the University and the University is expected to issue the original degree certificates within the time stipulated in the autonomous act of the Government of Kerala.
 - Convocation ceremony will be held immediately after the issue of original degree certificate by the University.

2.5.8 Has the College introduced any reforms in its Ph.D. evaluation process?

Although the College officially follows the University regulations in the evaluation process of PhD candidates, the Research Council established certain norms regarding the procedure and evaluation of Ph.D. Progress report presentation with external experts, Research scholars meet and Research Seminar on methodology are some of the innovations in the field of PhD progress and evaluation. These attempts finally result in maintaining high standards in research. Interdisciplinary research work is encouraged as an innovative practice.

2.5.9 What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the examination division/section?

- The CE is given all the infrastructural and other supports for the smooth conduct of examinations and the facilities. The CE is assisted by a Deputy CE and clerical staff.
- The evaluation process is conducted completely through the examination management portal connected to the College website.
- Application for examination, generation of the hall tickets and publication of results are done online by the examination management system.
- The conduct of examinations in the College is piloted by the Chief Superintendent's office supported by a Deputy Chief and administrative staff.
- Discussions at various levels with stake holders including parents and industry regarding the conduct of examination are done.

2.5.10 What is the mechanism for redressal of grievances with reference to evaluation?

The redressal system with respect to evaluation works at multiple levels:

- For internal examinations a student can directly approach the course teacher, regarding any issue or complaint.
- If the complaint is not redressed by the course teacher, the student may approach the Head of the Department and the redressal committee of the department will look into the matter.
- For end semester exams the redressal of grievances which include options such as revaluation, scrutiny are dealt with by the CE. Copies of the answer scripts will be shown to students on request.

2.6. Student Performance and Learning Outcomes**2.6.1 Does the College have clearly stated learning outcomes for its programmes? If yes, give details on how the students and staff are made aware of these?**

The College has a clearly stated learning outcome based on the vision and mission of the College embodied in the motto *Veritas Vos Liberabit* (Truth Will Set You Free). The learning outcome as envisaged by the College adheres to the ideals that the nation, UGC and the affiliating University uphold. "The College throws its doors wide open to students of all casts and creeds. The diffusion of knowledge and truth and promotion of peace and concord among various sections of the people will be its goal and ambition", states the first Principal of the College. The integrated vision that is imparted through teaching helps students to have a holistic vision of education. Social commitment, ethical responsibility and adherence to the cause of the nation are some of the features that can be highlighted in this regard:

- Basics and fundamentals of subjects.
- Critical thinking
- Analytical Skills
- Creativity
- Applicability of learned knowledge / Skill Development
- Research Orientation
- Career Orientation / Entrepreneurship
- Sensitivity to Social problems
- Writing and speaking skills
- Interpersonal Skills
- Team work
- Employability and Placement.

Each department of the college has learning outcomes based on their own specific disciplinary background. At the department level orientation programmes, students are made aware of the specific goals, targets, career options and research focus of the discipline they are studying.

At the institutional level the College conducts various programmes and sensitization events to ensure that students are positively oriented towards their learning outcomes. A focus on social issues and strive to act for social needs is the inspiration behind St. Thomas' for Society project (SFS). Students learn to address social problems through such activities.

The 22 clubs in the college sensitize students towards social, ecological, cultural and intellectual realms of their academic life and this ensures holistic development of students.

The management, alumni and PTA also involve in the proper imparting of ideas related to learning outcomes.

2.6.2 How does the institution monitor and ensure the achievements of learning outcomes?

The College monitors and ensures the achievement of learning outcomes through mentoring, exams, tests, seminars and assignment, viva voce, continuous assessment, fieldwork, seminars and conferences.

The monitoring of learning outcome is carried out at two levels.

Teaching Level:

Teachers strictly follow the academic schedule as laid out during the commencement of classes. The College manual charts the schedule of the teaching/learning design for the academic year. Integrated, interactive and student-centric teaching methods are adopted. Use of examples from local community, use of library and interaction with society are key focus of this method.

Learning Level:

The Board of Studies, Academic Council and the IQAC periodically review the learning outcomes of students. These are the official bodies that rectify mistakes and suggest new methods.

The feedback from alumni and students are incorporated for fine tuning the methods for ensuring better learning outcomes. The Placement Cell maintains interaction with the industry and the employer feedback is important for monitoring student learning outcome. The number of students who have been recruited by various firms,

companies, government agencies, Nationalized banks etc. testifies to the fact that the learning outcome of students had been highly successful.

The number of students who take up higher studies and research is high and this indicates the level to which learning outcomes have been achieved.

Many students from the college have passed the UGC-NET/JRF and CSIR-NET and GATE exams.

2.6.3 How does the institution collect and analyse data on student learning outcomes and use it for overcoming barriers of learning?

The analysis of data regarding student learning outcome is carried out on the basis of:

- Continuous Assessment
- Internal Examination marks
- End semester examination results
- Feedback from students and teachers
- Students who join for research and higher studies
- Students who pass UGC-NET/JRF, CSIR-NET and GATE exams
- Students' employment.

Collection of Data by the College

- Progress report of the students.
- Results and attendance are documented.
- Outgoing students and alumni are asked to report their achievements and career.
- Report and feedback of outgoing students' employers, feedback, SET, etc.
- Department Council minutes.
- Meeting of the chairman Board of Examiners.

Other Sources

- Minutes of general, executive and departmental PTA meetings
- Employer feedback is documented by the Career and Placement Cell.
- Alumni feedback is also documented.
- Media reports, news etc.

Overcoming Barriers in Learning

The feedback and reports regarding learning outcome is analysed mainly by the IQAC and the academic council. The lack of soft skills for employability was an issue that was addressed and the teachers were promptly informed to reform their teaching methods and strategies to equip students to cater for the demands of the job market.

Equal Opportunity Cell informs all the students regarding the rights, job opportunities and other matters of relevance to the concerned students.

According to the demands of the employers and the market and their feedback the College tries to groom the students to excel in communication skills and soft skills. Slow learners are identified and remedial coaching is given to them.

The students with low attendance are informed duly and are asked to catch up with other students.

2.6.4 Give Programme-wise details of the pass percentage and completion rate of students.

Programmes	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
B Sc (Botany)	80	60	80	60	91
B. Com (Finance)	68.47	86.02	89.66	87.5	92
B. Com (Banking)	77.97	78.5	83.33	83	95
B A (Economics)	63	42	68	63	80
B Sc (Electronics)	95	70	42	40	74
B A (English &History)	87.27	73	45	68	85
B Sc (Physics)	88	81	78	83	78
B Sc (Statistics)	65	68	80	55	81
B Sc (Computer science)	92	87	70	100	74
B Sc (Zoology)	93	82	93	76	88
B Sc (Mathematics with Physics)	87	69	75	67	67
B Sc (Mathematics with Computer Application)	87	69	75	67	67
B Sc (Chemistry)	72	72	80	70	93
B. Com				Started	
BBA				Started	
BVC			Started		90
BMMC					Started
BCA			Started		90

Programmes	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
M. Com	85	89.47	90	100	100
MA (Economics)	60	65	90	95	95
MA(English)	90	90	85	100	100
MSW	87	90	55	90	93
MSc(Electronics)	100	100	100	91	100
MSc (Statistics)	75	70	100	100	92

MSc (Computer science)- SF	100	100	75	100	100
MSc (Maths)	82	80	60	100	100
MSc (Physics)	81	100	92	100	100
MSc (Botany)	85	83	83	100	100
MSc (Zoology)	100	100	75	100	100
MSc (Chemistry)	92	92	100	91	100
M Sc Computer Science	Newly Started				
MVC	Newly Started				

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

The Research Committee of St. Thomas' College has been constituted in accordance with the guidelines of the University of Calicut and is referred to as the Research Council of the College.

The Research Council is composed of the Principal, all research guides and heads of Research Centres. Members of the research council are;

- | | |
|---------------------------------------|---------------------------------|
| 1) Dr. Jenson P O (Principal) | 12) Dr. Jinish Antony M |
| 2) Dr. Joby Thomas K
(Coordinator) | 13) Dr. Jency Thomas |
| 3) Dr. C J Davees (Joint Coordinator) | 14) Dr. Thomas Paul Kattookaran |
| 4) Dr. Anto Thomas C | 15) Dr. Chacko V M |
| 5) Dr. Biju C S | 16) Dr. Sajesh T A |
| 6) Dr. Sanilraj | 17) Dr. Anto P V |
| 7) Dr. Francy K Kakkassery | 18) Dr. C D Varghese |
| 8) Dr. C F Binoy | 19) Prof. Jacob Abraham Pulikal |
| 9) Dr. Joyce Jose | 20) Prof. K C Francis |
| 10) Dr. Paulson Mathew | 21) Prof. C I Thomas |
| 11) Dr. Sunil Jose T | 22) Dr. T D Xavier |

St. Thomas' College is involved in exemplary research activities in the approved research centres of English, Chemistry, Statistics, Zoology, Botany, Mathematics, Commerce and Economics. Research at various levels takes place with remarkable research funding with national and international collaboration. There are 23 research supervisors, 2 post-doctoral fellows and 53 research scholars engaged consistently in quality research. The registration of 9 more research scholars is under process and waiting for University orders. The construction of the sophisticated instrumentation facility centre (SIFC) for science researchers is in progress whereas a research library with online resources is full-fledged.

The Research Council meets frequently to initiate new research programmes and co-ordinates, monitors and directs research activities. The council also recommends the proposals of major and minor research projects to various funding agencies.

The strategic intervention of the research council has resulted in the following effects:

- The Research Council insists the research scholars to undergo a review of the progress of research and to submit a report every six months. It helps the research council and the supervisors to give adequate timeline and directives to the scholars.
- The Research Council encourages departments without research centres to apply for research centre status. As a result, five more departments; namely

Economics, Commerce, Statistics, Botany and Mathematics have become recognized research centres of the University of Calicut in the last five years. The process of recognising the department of Physics as the research centre of the University is almost complete and waiting for the orders concerned.

- Teachers are given proper directions and support to take up major and minor research projects. In the past five years, the number of research projects, research guides, research scholars and post doctoral fellows has increased tremendously.
- Research Council regularly conducts national level research conferences for the scholars and the faculty separately.
- The Research Council urges the faculty and research scholars to publish their research outputs in peer reviewed journals of national and international repute.
- Promotes maximum participation in the national and international seminars, conferences and workshops.
- Provides facilities for post-doctoral research and at present there are two post-doctoral research scholars.
- Encourages teachers to take departmental/interdisciplinary research projects from national and international funding agencies.
- Promotes consultancy for issues in research area and also monitors the consultancy services rendered by each research departments.
- Motivates the existing faculty to involve in quality research and acquire doctoral degrees. 23 of them were already awarded PhD and 33 are pursuing.
- Arranges endowment/invited lectures on an extensive manner through the research centres in order to familiarise innovative research areas.
- Conducts PhD Pre-submission synopsis presentations as well as PhD Open defences.
- Honours those who received achievements in research area.

Research Admission Committee

As per the university norms the college has constituted a research admission committee with the following members:

1. Dr. Jenson P O (Principal & Chairman)
2. Dr. V. M Abdul Mujeeb (University Nominee)
3. Dr. Sr. Magie Jose (Vice Chancellor's Nominee)
4. Dr. Joby Thomas K (Co-ordinator, Research Council)
5. Dr. C.J. Davees (Joint Co-ordinator, Research Council)

This committee monitors Ph.D. admissions, research supervision and research progress in various research centres.

3.1.2 What is the policy of the College to promote research culture in the College?

For a very long time the college had been at the forefront of promoting research among teachers and students. The policies of the college regarding research are visible from the following:

- Research is conceived as the centre of excellence and scholarship. Five new research centres have started functioning in the past five years and research centre in Physics will be approved soon.
- All teachers with PhD are encouraged to take guideship and actively take part in research supervision.

- As a result of consistent perseverance of the research council, there is a significant hike in the number of research projects of the college.
- Research projects from DST, UGC, KSCSTE and other governmental and non-governmental agencies are also supported technically by the research council.
- PhD and Post Doctoral research are always considered as a bench mark for faculty appointment.
- The Research Council based on University regulations stipulates norms for research admission, progress, publication and completion of research dissertations and projects to promote more innovative research.
- Research orientation is an integral part of pedagogy and practice of learning in the UG and PG curriculum and as a result many students are placed as research scholars and fellows in many national and international institutes. College offers UGC-NET coaching with research orientation. There is a rapid hike in the number of JRF and NET winners in the PG classes as a result of such ventures. (81 JRF-NET holders during last five years)
- 'Research Scholars Meet' conducted every year is a very prestigious event organized by the research council to instil research interest and aptitude among research scholars. PG students also participate in the event so that they can develop research aptitude and interest.
- A national level research seminar on emerging trends in research is conducted every year under the initiative of research council.
- Students' scholarships: Eighteen students were awarded DST-INSPIRE Scholarship and many other students were awarded various Higher Education Scholarships. Merin K, B. Sc. Physics student was selected to participate in the international conference on basic science in South Korea and Germany.
- Staff members are encouraged to do research under the UGC sponsored Faculty Development Programme. Duty permission for paper presentation in seminars / conferences, to use the libraries, research laboratories, bio-informatics facility Centre and Central Instrumentation facility in other institutions. Internet connectivity is provided for their research programs.

3.1.3 List details of prioritised research areas and the areas of expertise available with the College.

Zoology: Ecology, Entomology, Aquatic Biology, Taxonomy of Zooplankton, Freshwater Plankton (Cladocera), Toxicology, Endocrinology, Forest Ecology, Biochemistry, Toxicology, Herpetology, Wildlife and Forest Ecology, Applications of Biostatistics.

English: Children's Literature, Post-colonial Theory and Criticism, Visual arts, Cultural studies, Portuguese History, Performance Studies, American Poetry, Film Studies

Chemistry: Coordination Chemistry, Corrosion Science, Organic, Organometallic, Polymer chemistry, Nanochemistry, Polymer Nanochemistry, Supramolecular chemistry

Commerce: Financial Management, Co-operation, Financial Inclusion, Human Resource Management, Marketing Management, Social Capital, Intellectual Property Rights.

Economics: Tribal development, Tourism, Public Finance, Labour Economics,

Statistics: Reliability, Queuing Theory Reliability, Stochastic Process, Robust Statistics and Multivariate Outlier detection, Statistical quality control, Distribution theory, Special functions.

Botany: Taxonomy, Ecology, Biotechnology, Environmental Science, Genetic Engineering and Plant Biosystematics.

Physics: Computational Physics, Electrodynamics, Electronics, Thin Films, Ferro Electric Materials, Nanomaterials, Nanocomposites, Semiconducting Oxides, Nanomaterials, Photovoltaics, Nonlinear Optics, Biophotonics, Carbon dioxide capture and Storage.

Mathematics: Fluid Dynamics, Functional Analysis, Cryprography, Incidence Algebra, Graph Theory, Partial Differential Equations, Fluid Dynamics and Graph Theory, Graph Theory, Algebraic Graph Theory, Real Analysis.

Visual Communication: Docu-fiction in Television, Film Theory, Visual Cultural Studies, Indian Cinema, Theater, Performance Studies and South Asian Cultural Studies.

Research is envisaged as essentially interdisciplinary in nature and inter-departmental confluences shapes up research potential in the College.

3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes/projects?

- Advancing funds for sanctioned projects
If the funds are delayed for sanctioned projects, the College promptly releases in advance financial support for the same.
- Providing seed money for research projects.
Seed money is given to researchers in order to initiate projects and start their research before the funds arrive from the concerned funding agency. Seed money is also provided to the faculty to complete the pilot project and the proposal so that they can be submitted to the funding agency as per guidelines stipulated by the College. The research seed money project is supported by IQAC.
- Infrastructure for pilot projects: In the case of projects in science, essential infrastructural and laboratory support are provided in the preliminary phase for designing and developing the project.
- Interface for major projects: Travel and other expenses are provided by the College to participate in the interface with the funding agency.
- Project proposal is properly evaluated by an expert committee of the Research Council and shortlisted proposals will be forwarded to the UGC. The expert committee comprises of the Coordinator of the Research Council and three senior research supervisors.
- Complete autonomy is given to the Principal Investigator (PI) for utilizing overhead charges based on the directives of the funding agency.
- Timely release of grants: Grants are promptly released as the College receives the same from the funding agencies on receiving the request of the PI.
- Timely auditing: College arranges the authorised auditors to audit and issue the utilization certificate.
- Submission of utilization certificate to the funding authorities: The College along with the Research Council monitors and ensures timely submission of utilization certificates and final/ annual reports after auditing.

3.1.5 How is interdisciplinary research promoted?

Interdisciplinary research has a seminal place in defining the research policies of the College. Research Centres in Science are planning to develop a Sophisticated Instrumentation Facility Centre (SIFC) to enhance interdisciplinary studies. All research departments have given proper orientation in interdisciplinary research through seminars and workshops. There is also a plan to integrate Department of Computer Science with all the other departments to digitize, computerize and upgrade research activities to the state of the art research at global level.

❖ **Between/among different departments of the College.**

- Department of English has conducted innovative attempts in interdisciplinary research by combining allied subjects from humanities and social sciences such as film studies, cultural studies, visual cultural studies, theatre studies and urban studies.
- Commerce and Management has conducted interdisciplinary level research by bringing together macroeconomic studies, international relations, and statistics.
- Chemistry with Physics: Nano sciences, supra molecular chemistry, corrosion materials, biological analysis, Biophotonics, Carbon dioxide capture and Storage.
- Chemistry with Computer Science: Computational Quantum Mechanics, Molecular modelling, Simulations and designing of molecules are some of the interdisciplinary areas where these two disciplines merge.
- Physics with Electronics and Chemistry: Computational Physics, Electrodynamics, Electronics, Thin Films, Electromagnetics, Ferro Electric Materials, Solar cells, Nanomaterials, Nano-composites and Semiconducting Oxides.
- Zoology and Botany: Aquatic Biology, Taxonomy of Zooplankton, Freshwater Plankton (Cladocera), Toxicology, Forest Ecology, Biochemistry, Wildlife and Forest Ecology
- Mathematics with Physics: Fluid Dynamics, Functional Analysis, Cryptography.

❖ **Collaboration with national/international institutes/industries.**

- **English**
 - a. Dr. Anto Thomas C: Goethe University, Frankfurt: on Children's Literature.
 - b. Alice in Wonderland: Back translation project, Lewis Carrol Society of USA
 - c. Dr. C.J. Davees: University Portugal: Coimbra University for research in Portuguese history, language and the translation of *Os Lusíads*.
- **Zoology**
 - a. Dr. Francy K Kakkassery: The Natural History Museum, London, UK and Conservation Research Group (CRG), Department of Fisheries, St. Albert's College, Kochi-682 018, Kerala. M Sc Student Project Guide, Indira Gandhi Arts and Science College, Nellikuzhy, Kothamangalam
 - b. Dr. C. F. Binoy Kerala Forest Research Institute, Peechi
St.Xaviers College for Women, Aluva, Kerala
 - c. Dr. Vimala K. John St. Thomas' College, Kozhencherry, Kerala
 - d. Dr. Joyce Jose Kerala Forest Research Institute, Peechi

Marthoma College, Thiruvalla,
SACON, Coimbatore.

- e. Dr. Britto Joseph. K: M Sc Student Project Guide, Indira Gandhi Arts and Science College, Nellikuzhy, Kothamangalam.
- **Chemistry:** CNIIST, IISER, IIT Madras, NIT Calicut, JNCASR Bangalore, C-MET, Thrissur, CUSAT.
- **Physics:**
 - a. Prof. Anto Johny T is actively involved in research projects in collaboration with C-MET, Thrissur and Mahatma Gandhi University, Kottayam.
 - b. Dr. Vimalkumar T. V has got collaboration with Dr. K. P. Vijayakumar of Cochin University of Science and Technology (CUSAT) in the field of 'Application of Thin film in Solar cells'. PDF
 - c. Dr. Johns Naduvath is collaborating with Prof. Sudhanshu Mallick and Prof. Parag Bhargava of IIT Bombay and Prof. Rachel Reena Philip and Prof. E.I. Anila of Union Christian College for various projects.
- **Botany**
 - a. Dr. Joby Paul, Project Guide, Kannur University. Kannur.

3.1.6 Enumerate the efforts of the College in attracting researchers of eminence to visit the campus and interact with teachers and students?

List of Eminent academicians/scientists visited the College.

Name of the Academicians/Researcher	Year
Dr. V M Madhusoodanakurup , Vice Chancellor of Kerala University of Fisheries and Ocean Studies	2013
Dr. M C Dileepkumar, Vice Chancellor of Kerala Sanskrit University	2014
Dr. M K C Nair, Vice Chancellor of Kerala University of Health Sciences	2015
Dr. Kuruvilla Joseph, Prof. & Dean, Indian Institute of Space Science and Technology(IIST), Trivandrum	2015
Dr. P Easa, Director, Kerala Forest Research Institute	2013
Dr. Sailas Benchamin, Director of Research, University of Calicut	2014
Dr. George Varghese, Director of Research, University of Calicut	2012
Dr. Santhosh Nampy, Director of Research, University of Calicut	2015
Dr. Lourdeswami, Director of Research, Loyola College, Chennai	2011
Dr. A P Jose, Principal, st. Thomas college, Pala	2011
Dr. Rani Varghese, Emeritus Professor, Cochin University of Science & Technology	2012
Prof. K Ravindranath, Pro Vice Chancellor, University of Calicut	2012
Gayathri Spivak Chair, Department of Comparative Literature, Colombia University New York USA. Key note speaker, International Conference on Humanities.	2010

Prof. Richard Schechner, Editor TDR, Department of Performance Studies, NYU Keynote Speaker, International Conference "Space' Spacigality and Performance"	2015
Ashish Nandy Prof. CSDC New Delhi Key note speaker, International Conference on Humanities.	2010
Akeel Bilgrami Seminar on 'Liberalism' Department of English, October 21	2011
Prof. Lakshmi Bandlamudi Department of English, Burrogh Community College, New York Invited Lecture series 2014.	2014
Solomon Benjamin Professor, IIT Chennai Keynote Speaker, International Conference "Space' Spatiality and Performance"	2015
Madhav Prasad, Professor in Film Studies, IFLU Hyderabad, Keynote Speaker, National Conference "Space, Spatiality and Performance"	2015
Dr. Richard Trembley Children's Books Editor, Guardian Newspaper, UK	2014
Author Sunitha Namjoshi Re-reading Classics in Children's Literature	2015
Prof. Mukundan Thelakkat, Bayrut University, Germany.	2011
Prof. P. V. Ramachandran, Director, H C Brown Centre for Borane Research, Department of Chemistry, Purdue University, USA	2014
Dr. Abhram Joseph, Registrar, Kerala Fisheries University Dr. Sebastian C P, Faculty, JNCASR, Bangalore. Dr. P Ravindran, University of Calicut.	2014
Prof. Meledath Govindhan, Kentucky University, Massachussetts, USA.	2013
Prof. Henry F Shaefer, University of Georgia, USA Prof. Salahuddin Kunju, Kerala University, TVM	2012
Dr. Swathy P S, IISER TVM Dr. Sureshdas, NIIST, TVM Dr.Parameswaran, NIT, Calicut	2011
Dr. V. Kumar Scientist, C-MET Athani and Dr. Krishnamohan GP soft ware developer, NIIST, TVM	2015
DR. MANSINGH, Central University, Gujarat.	2011
Dr. S Prabhakar, Principal Scientist, IICT Hyderabad	2015
Dr. George Mathew, Emeritus Scientist (KSCSTE) Rtd Kerala Forest Research Institute Peechi, Kerala	2013
Dr. V.S Vijayan, Former Director SACON, Coimbatore, Former Chairman, Kerala State Biodiversity Board	2015
Dr. Jayson E V HOD, Dept of Wildife, KFRI . Peechi	2015
Dr. Jose Kallarackal Emeritus Scientist (KSCSTE) Rtd. From Kerala Forest Research Institute Peechi, Kerala	2014
Dr. Krishnakumar N Menon, Associate Professor, Centre for anosciences and Molecular Medicine, Amrita University	2015
Dr. S D Biju, Professor , Delhi University	2015
Dr. Ullasa Kondaramaiah Assistant Professor, IISER, TVM	2015
Dr. Neelesh Dhanaukar, DST-Inspire faculty fellow, IISER Pune	2015
Mr. Thomas John Clinical Scientist Dubai Blood Donation Centre	2015
Dr. Kurien E K Special Officer and Head of the Institution ACCER KAU	2015

Mr. Jedy Jose Sr. Technical Officer, CCMB Hyderabad	2015
Dr. K P Soman Professor, Amrita Viswa Vidyalya, Coimbatore	2014
Dr. Elizabeth Sherly Professor, IITM-K, Thiruvananthapuram	2014
Dr. Md Shahid Abdulla IIM, Kozhikode	2013
Dr. Gilson Thomas Principal, Jyoti Engineering College, Thrissur	2013
Dr. VijayaKumar. Dean, Mahatha Gandhi University, Kottayam	2012
Dr. George Athappally Anna University, Chennai	2013
Dr. M S Samual Director, Mar Athanacious College for Advanced Studies, Thiruvalla	2012
Dr. Prathibha Sharma ,Principal Scientist and Professor, IARI, New Delhi	2015
Dr. K Ruckmani, Director, Centre for Excellence in Nanobio Translational Research (CENTRE), Anna University, Tiruchirappalli	2015
Mrs. Shobhana Bhaskaran, Scientist E, DST, Government of India	2015
Dr. E V Ramasamy, Former Director, SES, MG University Kottayam	2015
Dr. Santhosh Nampy DCDC& Director of Research, University of Calicut	2015
Dr . K G Raghu, Principal Scientist Agroprocessing & Natural products Division, CSIR - (NIIST), Thiruvananthapuram	2015
Dr. K B Rameshkumar Scientist E1, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Palode	2015
Dr. Jose T Puthur. Director, Directorate of Admissions, University of Calicut	2015
Dr. Ajaikummar B Kunnummakara, Associate Professor, Indian Institute of Technology Guwahati	2015
Dr. Sreekumar V B Scientist, KFRI Peechi	2015
Prof. K Raveendranath Pro Vice Chancellor, University of Calicut	2015
Dr. M Sabu Professor, Dept. of Botany, University of Calicut	2014
Dr. Mujeeb Rahiman Professor, CUSAT, Ernakulam	2014
Dr. N Sasidharan Scientist, KFRI, Peechi	2014
Dr. Anitta Cherian K Professor, Kerala Agricultural University	2015
Dr. K. P. Vijayakumar, Department of Physics, Cochin University of Science and Technology (CUSAT).	2014
Dr. C. Sudha Kartha from Department of Physics, Cochin University of Science and Technology	2014
Mr. K. M. Martin, Scientist E, National Institute of Electronics and Information Technology , Calicut	2014
Dr. K. A. Davis, Director, Radiation and Safety Department, Kerala.	2014
Dr. B. N. Dileep, Head, Environment Survey Laboratory, BARC, Kaiga, Karnataka.	2015
Rev. Dr. Joseph Mathew, Associate Professsor, Institute of Philosophy & Religion, Eluru, Andra Pradesh	2015
Dr. Vineeth Valsan, Indian Institute of Astrophysics, Bangalore	2015

Mr. Abhishek Jose, Biophoton Technologies, Cochin	2015
U. Prabhakaran Deputy Project Director, SRE Project, ISRO, Bangalore	2010
K. Radhakrishnan Chairman, ISRO	2010
Dr. K. Vasudevan Professor & Dean, Dept. of Electronics, CUSAT	2011
Dr. Ramachandran Thekkedath Vice Chancellor, CUSAT	2011
Dr. V. Kumar Director, Centre for Material Electronics And Technology (C-MET), Athani, Thrissur	2015
Dr. T R Viswanathan Professor, Texas University, Austin USA	2015
Subrahmanian Seetharaman Director, Avago Technology, Hyderabad.	2015
Kunal Sen Professor, Manchester University	2012
Dr. A A Erumban Faculty, Groningen University	2012
Dr. Suresh Babu Faculty, IIT Madras	2012
Dr. Jose Sebastian Faculty – Gulati Institute for Finance and Taxation	2015
Dr. Mary George Member , Kerala State Expenditure Review Committee	2015
Dr. Sunny George Faculty – KILA	2015
Prof. Dr. V K Vijayakumar, Investment strategist Geojit BNP Paribas	2013
Adv. Seena Rajagopal Activist,(Professor at Kerala Police Academy,LMD)Legal Advisor:KWDC, Jananeethi	2012
Prof. Joy Joseph (Former member Board of Studies and Academic Council at the Mahatma Gandhi University, HOD, Nirmala College, Muvattupuzha)	2012
Dr Kurias Kumblakuzhy, State Information Officer	2015
Prof. Rajan Gurukkal Vice Chancellor, Mahatma Gandhi University, Kottayam	2015
Sri. K K Muhammed Former Director Archaeological survey of India	2015
Prof. Vijaya Ramaswamy CHS, Jawaharlal Nehru University, New Delhi	2015
Dr. George Michell University of Cambridge	2014
Prof. Pius Malekandathil CHS, Jawaharlal Nehru University, New Delhi	2012
Dr P. K. Michael Tharakan Vice Chancellor, Kannur University, Kannur	2011
Prof. MGS Narayanan Former chairman ICHR	2015
Mr. Anand Sheyon, State Head MCX	2013
Dr. Abhilash S Nair, Asst. Professor, IIM Kozhikode	2013
Mr. Biju Gopinathan, Asst. Vice president, NCDEX.	2013
Prof. Raveendranath K PVC, University of Calicut	2013
P Raju Iyer Chairman,SIRC of ICAI, Chennai	2013
CMA Padmanabhan H FCMA, Central Council Member, The Institute of Cost Accountants of India	2015
Mr M K Ramachandran, Author - Tourism	2015

Dr. K P Mani , Professor, FCMA, Chairman, The South Indian Regional Council, ICAI	2015
Dr. Mathew Manimala Director-Research, XIME & Former Professor, IIM-B	2015
Dr M Sethumadhavan Professor in Mathematics Department Head of TIFAC – Core in Cyber Security, Amrita Vishwa Vidyapeetham University, Coimbatore.	2015
Dr. M N Narayanan Namboodhiri Department of Mathematics, CUSAT, India.	2015
Dr. Subrahmanian Moosath K S Department of Mathematics, IIST , Thiruvananthapuram	2015
Prof. Dr. Krishna Dev Singh Department of Mathematics (ICDEOL), Himachal Pradesh University, Shimla , India	2015
Prof. Ramankutty Prof. in Mathematics, Australia	2014
Prof . A V John TIFR Mumbai	2014
Dr. A M Mathai Emeritus Professor, Mc Gill University Canada	2015
Dr. N Raju Professor, University of Calicut	2015
Dr. Stephy Thomas BCM College Kottayam	2015
Dr. K K Jose Emeritus Professor, Central University of Rajasthan	2015
Sunny Joseph, Cinematographer, Workshop on Camera	2011
M Sasikumar National Seminar on South Indian Cinema.	2012
K P Madhu Director, Science Video Project, ICER, Pune.	2015
Vidarthi Chatterjee, Film Critic, Workshop on Contemporary Indian cinema.	2014
Anand Patwardhan, film Maker, Lecture on Cinema and Modernism	2015
Madhu, Eminent Film Actor, Interaction with students.	2015
Pallavi Krishnan Mohiniyattam dancer, Characterization in Mohiniyattam with students.	2014
Boris Duzou Pastor	2013
Maya Thanberg	2014
Rev. Dr. M K George Director, Indian Social Institute, Bangalore	2011
Mr. Saju Paracka South Asian Research Coordinator, Butterflies, New Delhi	2012
Dr. Cherian P Kurian Director, School of Social Work, Marian College, Kuttikkanam	2013
Dr. Benny Joseph CEO, Jubilee Mission Medical College, Thrissur	2014
Dr. Joe Arimboor Director, DB ARK, New Delhi	2015
Dr. P. Ilango Professor, Bharatidasan University, Trichy	2015

3.1.7 What percentage of faculty has utilized sabbatical leave for research activities? How has the provision contributed to the research quality and culture of the College?

The Government of Kerala does not grant the provision for sabbatical leave for college teachers. However, the college encourages teachers to avail Faculty Development Programme of the UGC to embark on M.Phil and PhD. level research.

Details of FDP availed in the last 5 years:

No. of teachers availed FDP	No. of teachers returned after FDP	No. of teachers submitted PhD
4	4	3

3.1.8 Provide details of national and international conferences organized by the College highlighting the names of eminent scientists/scholars who participated in these events.

The names of eminent scientists/Scholars who participated in the programmes mentioned below are already cited in item 3.1.6

Seminars/ Conferences/Workshops Organised & Source of Funding

National/ International	Details of National/ International Conferences	Source of Funding
National	3-day National seminar on 'Biodiversity Conservation – Trend and Need'	KSCSTE, Biodiversity Board, KHEC, IQAC
	Bio-vision 2015; One Day Seminar	IQAC
	Species – The Passion	KSCSTE
	Three Day National Seminar on Emerging Trends in Herbal Technology	SERB, KSCSTE, KHEC, IQAC.
	National seminar on Taxonomy and Conservation	IQAC

Department of Chemistry:

	Prof. Jose Mechery Memorial Lecture	Dr. Jose Mechery Foundation
	National Workshop on Computational Chemistry and Molecular Design 28th and 29th 2015	IQAC
	National Workshop Micro Scale Analysis 29-07-2015	UGC
	National Workshop on Micro-Scale Analysis and Instrumental Techniques 11th& 12th March 2015	
	Seminar: Advances in Mass Spectrometry (28-03-2015)	Department
	National Seminar on Recent Trends in Chemistry (24-03-2014)	IQAC St. Thomas College, TCR

	Prof. K P Antony Endowment Lecture (24-03-2014)	Prof. K.P. Antony Family
	Prof. K P Antony Endowment Lecture (03-01-2013)	Sponsored by KP Antony Family
	National Seminar on Quantum Mechanics in Chemistry (4-12-2012)	IQAC
	Prof. K P Antony Endowment Lecture 27-02-2012	Prof. K.P. Antony Family
	National Seminar on Nanoscience and Programming in Chemistry 8th&9th December 2011	Dept.
	Frontier Lectures in Chemistry 07th November 2011	Dept.
	National seminar on breakthrough in analytical chemistry (05-08-2011)	IQAC

Department of Commerce:

National	National Level Seminar on Knowledge Management E-Governance in Corporate Sector on 28th& 29th February 2012.	University Grants Commission
	National Seminar on Commodity Derivatives and the Role of Intermediaries was held on 20-8-2013 and 21-8-2013.	University Grants Commission
	National Seminar on Emerging Trends in Banking, Insurance and Financial Services was held on 17 th and 18 th March, 2015	IQAC and Donation
	National Seminar On Financial Services: Innovations For Inclusion In India was held on 11 th and 12 th August, 2015	University Grants Commission

Department of Computer Application:

National	Short Film Fest	From sponsorship
	IT Competition	From sponsorship

Department of Computer Science:

National	National Seminar on Emerging Trends in Computer Science 2011-2012	IQAC
	National Seminar on Emerging Trends in Computer Science 2012-2013	IQAC
	National Seminar on Emerging Trends in Computer Science 2013-14	IQAC

Department of Economics:

National	Seminar (2012), Informal Sector in India: Lessons and Way Forward	Kerala State Higher Education Council
	Seminar (2013), Seminar on Research Methodology	IQAC

	Seminar (2013), Demystifying the fiscal Conundrum in Kerala	IQAC
	Seminar (2015), Kerala State Finances: Lesson from Contemporary Debates	IQAC

Department of Electronics:

National	NOIZE 2012	IQAC
	NOIZE 2015	UGC

Department of English:

	Towards A Christian Hermeneutics Of Literary Theory (2013).	Dr. Antony Porathur First Memorial Endowment Lecture
	National Seminar Narratives Of The Visual: Media, Image And Communication Power 2014 March 18 & 19	In collaboration with the Dept. of Visual Communication St. Thomas College
	National Conference on “ Cinema Cultures in South India” 2013 October 10, 11	UGC
International	Space, Spatiality and Performance 05th & 06th February 2015	UGC
	Conference on Children's Literature 6 th & 7 th October 2015	IQAC

Department of History:

National		
	Sri K. K. Muhammed, Former Director, Archaeological Survey of India, New Delhi on 'Ibadat Khana and the Christian Chapel at Fatehpur Sikri : Gleanings from Archeology' on 4th August 2015	Department of History

Department of Malayalam:

National	Two-Day Seminar 15 th & 16 th September 2015	U.G.C
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Department of Mathematics:

National	Conference on Applied Mathematics Dr. Moothedan Memorial Lecture	IQAC
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Department of Physics:

National	National Seminar – Thin Film and Optics for Device Application, 2014	IQAC
	APSER 2014 – Awareness Programme in Science Education and Research – in connection with the celebration of International Year of	Kerala State Council For Science, Technology &

	crystallography	Environment (KSCSTE)
	National Seminar cum Science Day Celebration - 2015	Department of Physics
	Quiz and Seminar Programs in connection with International Year of Light	KSCSTE

Department of Social Work:

State	State Level Workshop on Social Analysis and strategies for social change	Department
	State level workshop on Social Work and Statistics	Department
National	National Seminar on Enhancing Social Work competencies through Life Skills	IQAC
	National Seminar on Corporate Social Responsibility: A Threshold in Social Work	IQAC
	National Conference on Strengthening Social Work Education: Integration of theory and Practice	UGC

Department of Statistics:

National	Workshop on Statistical Computing using R , 21 Nov 2014	Department
	National Seminar on Recent Advances in Statistical Theory and its Applications, 25th&26thFeb 2015	IQAC
	National Workshop on Research Methodology & Statistical Analysis using IBM SPSS, 2015	Department
International	International Conference on Statistical Research, 2014	Department

Department of Zoology:

National	Workshop on Insect Taxonomy 15th & 16th March 2013	IQAC
	National Science Day Celebrations on 28th February 2014, 28th February 2015	KSCSTE & IQAC
	One Day Awareness Programme for Women Clean Water, Health Care and Sanitation Technologies, 2014	KSCSTE & IQAC
	Anti-Malarial Month-July Vector Borne Diseases on 30th July 2014 Ozone Day Celebrations -2014	District Medical Office-Thrissur and KSCSTE
	Refresher programme for Higher Secondary School Teachers	Zoology Higher Secondary Teachers

	Association
World Wetland Day Celebrations on 02nd February 2015	KSCSTE & IQAC
Prof. P.L Yesudasan Memorial Lecture Series-2 "An Introduction to Forensic Science"	Contribution by Staff and family Members of Prof .P L. Yesudasan
Seminar on NanoScience and Molecular Medicine	Contribution by Staff
National Science Day Celebrations on 28th February 2015	KSCSTE & IQAC
Butterfly Workshop for School Students	UGC
National Seminar on Modern Trends in Molecular Systematics	UGC, DST, KSCSTE, KSBB
One Day Awareness Programme on Hepatitis	UGC – B Voc, Fund
Ozone Day Celebrations -2015	KSCSTE

3.1.9 Details on the College initiative in transferring/advocating the relative findings of research of the College and elsewhere to the students and the community (lab to land).

The College has taken vibrant steps to bring the findings/results of research work done by the faculty and research scholars to the community through different programmes. Many research findings will have a direct bearing up on the social body while some research have indirect link with the immediate social issues and problems. Initiatives are taken to link the research findings with the societal applications through collaborative steps. The outcome of the research has a direct impact on student learning and their research orientation. Teachers use examples, theories and concepts from their research while teaching and doing student projects.

The outcome of research is brought to the benefit of the community through a wide range of measures such as outreach programmes, educational programmes, visit to local communities and orphanages.

- There are a few attempts to integrate the research activities with local governing bodies and research institutes. The College has started an initiative to collaborate with KILA (Kerala Institute for Local Administration), Thrissur in various research and academic activities which have social relevance.
- The Department of Chemistry focuses on the following research projects in its effort to transform experimental research into fruitful outcome for community: Metal chelates of imines derived from heterocyclic carbonyl compounds-thermal and biological investigations, Photodegradation of Polystyrene using nano-titanium dioxide and photosensitizers, Synthesis and characterisation of self doped conducting polymers and their copolymers, Chelating ability of Schiff base ligands: Structural and application studies, Studies on the total synthesis of some bioactive marine natural products and their biological evaluation, Synthesis of novel NHC complexes of Pd, Ru, Ir etc and their applications in organic synthesis, development of novel organic inhibitors against metal corrosion and Synthesis and characterisation of nano sized grapheme and graphite with magnetic edge-state. The outcome of these research activities are made available for the public and are found to be of

immense importance in environmental, medicinal, industrial and analytical fields of social interest.

- The Department of Botany has a wide variety of research programmes which directly and indirectly involve the betterment of local community and society at large. Comparative study of the soil micro environment of rice grown under different soil amendments was used to prepare bio-fertilizer that can be used by the paddy farmers of Thrissur. Molecular characterization of *Zingiber neesatum*, an endemic plant to Western Ghats was carried out to develop new strategies for conservation of this endangered species, thus protecting the biodiversity of Western Ghats. *Zingiber neesatum* is an endangered congener of Ginger. Habitat, Taxonomic and Biochemical studies on *Sclerotium stipitatum* (Nilamanga) was conducted. It is a rare endemic fungus of Kerala which is used as folk medicine for cancer and gastric problems by tribals. The true chemical content was identified and it was found that the application of this has no side effects during consumption. The role of amla in the diet of women in Peerumedu area is another socially sensitive project that the Department of Botany has undertaken along with the Peerumedu Development Society.
- Department of Zoology: Biosystematic studies on the Hymenopteran Parasitoids associated with some important stored product pests in Kerala, India; Development of mass culture techniques of selected species of freshwater Cladocera from Thrissur District, Kerala; Studies on diversity and population of Odonates (Dragonflies and Damselflies) in the Kol lands of Thrissur District, and studies on the diversity of freshwater Zooplankton of Kerala and developing Mass Culture of selected species as live feed in Aquaculture.
- The Department of Statistics focuses on Performance analysis of Government and Aided Schools in Thrissur District. Total time on test transform ordering of the semi-Markov processes with application to multistate system reliability and Robust Multivariate Analysis of Variance with Applications to real life Datasets.
- The Department of Mathematics brought out substantial research with the following projects: 'An Oscillatory Free Convective Mhd Flow Through Porous medium In a Rotating Vertical Porous Channel With Heat Source' and 'Nanofluid flow past an inclined stretching sheet with applications'
- The Department of English has remarkable research findings connecting research and society: Major and minor research projects such as 'Collection and Documentation of Lullabies in India', 'Tradition and Transgression in Shadow Puppetry of South India', 'The Unheard Muses: A Glance through the Less Known Post-Modern American Poetic Movements', 'Portuguese Tourist Map of Kerala' and 'Survival of Love and Suffocation of Life in "Bogs" of Culture: "Women in Love" in the novels of P. Padmarajan' are instances the department's orientation to bring academic excellence to the society.

3.1.10 Give details of the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

Department	Name of the Teacher	No. of Research Students	No. Of PhDs Awarded	Projects/Remarks
English	Dr. Anto Thomas C	5		1 Major and 1 Minor Project under UGC. Alice in Wonderland Back translation project by Lewis Carroll Society of USA. Active in research supervision.
	Dr. C. J. Davees	5	6	1 minor project of UGC, produced 6 PhDs
	Dr. C. S. Biju	6	1	2 Major and one minor projects, Innovative research Programme of UGC, B.Voc and Community College Coordinator. Developing curriculum and study materials for programmes in visual communication, visual cultural studies Produced one PhD.
	Dr. Sanilraj	3		One UGC major project, active in research guidance.
	Dr. Bose Joseph	1	1	Active in research guidance.
Chemistry	Dr. Joby Thomas K.	7	6	Research projects, produced 4 PhDs, FIST coordinator, Research Publications,
	Dr. Paulson Mathew	3		Boyscat fellowship, UGC major, active in research supervision, Research Publications,
	Dr. Sunil Jose T	2		Active in research supervision, Research Publications,
	Dr.Jensy Thomas			Research Publications, Active in research supervision.
Zoology	Dr. Francy K. Kakkassery	4		Active in research supervision. Research Publications,
	Dr. C.F. Binoy	1		Active in research supervision. Research Publications,

	Dr. Joseph Louis Olakkengal	2	1	Active in research supervision. Research Publications,
	Dr. Joyce Jose			Active in research. Research Publications.
Statistics	Dr. T. A. Sajesh	1		Active in research supervision. Research Publications.
Commerce	Dr. Thomas Paul Kattookaran	5		Active in research supervision. Research projects, Research Publications.
Botany	Dr. C D Varghese			Active in research Publications.
	Dr. Anto P V			Active in research Publications.
Economics	K M Francis	6		
	C D Johny	2		

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization for last four years.

Mobilization of funds for research is an important feature of research centres and the institution as a whole. A total of 20% of the budget is allocated for research activities. Many departments mobilize funds with the help of alumni, national and international agencies and academic organizations. The College has done rigorous efforts to gather funds from Department of Science and Technology (DST), UGC, KSCSTE, Bio-diversity Board and so on. With the help of Chemistry Alumni Association, the Department of Chemistry has instituted internal research fellowships to promote research. Most of the research scholars have JRF or other research fellowships from other agencies.

3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

The College has devised a mechanism to regulate funds to support student research projects and 15% of the total college budget is spend for promoting and operating student research projects. Expenditure for chemicals, equipment and research methodology courses are met by the college.

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

The college provides seed money for select pilot research projects and project proposals. 6% of the faculty have received seed money for project work. The College

provides laboratory facility and other infrastructures for faculty to design and propose research projects.

3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.

The College always encourages the faculty and research scholars to bring out their research outcome in the form of patents. Active research is rigorously going on in many research centres and one application for patent is processed so far. Dr. Joseph Joly V.L, Dept. of Chemistry has applied for a patent for his research 'Design of the Equipment for Magnetic Hyperthermia- Application in Cancer treatment'.

3.2.5 Provide the following details of Completed/Ongoing research projects.

Details of Research Projects:

List of Completed Major Projects

Name of Faculty	Title of the Project	Years of Sanctioning	Funding Agency, Sanctioned Amount (rs.)
Dept. of Chemistry:			
Dr. Paulson Mathew	Studies on the total synthesis of some bioactive marine natural products and their biological evaluation	2007-2010	KSCSTE 10,50000
Dr. Joseph Joly V L	Synthesis and characterisation of nanosized grapheme and graphite with magnetic edge-state	2012-2015	DST 20, 00,000
Dr. Joseph Joly V L	Nanographene rich carbon form renewable resin	2012-2015	DST 20, 00,000
English			
Dr. C.S. Biju	i)Major Research Project on Puppetry (ii)Major research project on Theaters of South Asian Diaspora	2006- 2010 2011-2014	916000 868000 UGC
Dr. C S Biju (Co-ordinator)	Innovative Programme in Teaching and Research in Visual Media	2008-2013	48,00,000 UGC
Dr Sanil Raj J	UGC Major Research Project: The unheard Muses: A Glance through post modern American Poetic Movements	2012 – 2014	4,70,000 UGC
Total			1,21,04,000

List of Completed Minor Projects

Name of Faculty	Title of the Project	Years of Sanctioning	Funding Agency, Sanctioned Amount (rs.)
Dept. of Chemistry:			
Dr. Joby Thomas K	Chelating ability of Schiff base ligands: Structural and application studies	2009-2011	UGC 70,000
Dr. Paulson Mathew	Synthesis of novel NHC complexes of Pd, Ru, Ir etc and their applications in organic synthesis	2010-2011	UGC 70000
Dept. of Zoology:			
Dr. C. F. Binoy	Biosystematic studies on the Hymenopteran Parasitoids Associated With Some Important Stored Product Pests In Kerala, India.	2011-13	UGC 1,70,000
Dr. Joseph Louis Olekkaengil	Diversity and distribution of insect fauna in Mangroves, Chettuvaithrissure district with special reference to plant borers	2011	UGC 87,000
Dr. Francy K. Kakkassery	Studies on the Diversity of Freshwater Zooplankton of Kerala and developing Mass Culture of selected species as live feed in Aquaculture	2009-11	UGC 1,60,000
Dept. of Statistics			
Dr. T. B. Ramkumar	Performance analysis of Government and Aided Schools in Thrissur District	2011-12	UGC 75000
Dr. V.M.Chacko	Total time on test transform ordering of the semi-markov processes with application to multistate system reliability theory	2011-12	UGC 155000
Dept. of Mathematics			
Dr. Alphonsa Mathew	An Oscillatory Free Convective Mhd Flow Through Porous medium In a Rotating Vertical Porous Channel With Heat Source.	2012-2014	UGC 2,00,000
Dept. of English			
Dr Davees C J	Portuguese Tourist Map of Kerala	2011-13	UGC 1,50,000
Mr. Andrews	UGC-Minor Research Project:	2011-12	UGC

Joseph	Puppetry in Pedagogy: Towards a Radical Educational Practice		97,000
Dr. Anto Thomas C.	Alice in Wonderland- Back Translation Project	2011-15	UGC 791000
Dr. Anto Thomas C.	Collection and Documentation of Lullabies in India	2010-12	UGC 7,91,000
Dept. of Commerce			
Dr. Thomas Paul Kattookaran	Performance Evaluation of Regional Rural Bank: A case study the South Malabar Grameen Bank	Completed In 2011	45,000 UGC
Dept. of Economics			
Mr. Emmanuel Thomas	Human Development Index of dalits in Kerala: A case Study of Idukki District	2008-10	UGC 30000
Total			28,91,000

List of On-Going Major Projects

Dept. of Botany:			
Thomas M. T.	Development and popularisation of probiotic preparations and amla based products using under-utilised fruits	2015-18	DST 29,46,500

List of On-Going Minor Research Projects:

	Title of the Project	Years of sanctioning	Funding agency, sanctioned Amount(Rs.)
Dept. of Chemistry:			
Dr. Joby Thomas K	Metal Chelates of imines derived from heterocyclic carbonyl compounds-thermal and biological investigations.	2015-2016	UGC 2,15,000
Dr. Sunil Jose T	Photodegradation of Polystyrene using nano-titaniumdioxide and photosensitizers.	2015-2016	UGC 4,50,000
Dr. Jinish Antony M	Synthesis and characterisation of self doped conducting polymers and their copolymers	2015-2016	UGC 250000
Dept. of Commerce			
Divya George	Gambling Based Sales Promotion Strategies : A	11/12/2014 Duration 2	UGC 1,20,000

	Study on The Business Houses in Kerala	Years	
Sijo Jacob V	Social capital and its impact on the performance of District cooperative banks in Kerala	11/12/2014 Duration 2 Years	UGC 1,20,000
Dept. of Economics			
Dr.Sabu P.J	The Impact of Household Expenditure on Education in Palakkad District of Kerala	2014	UGC 1,15,000
Dept. of Computer science			
Fr. Anil George K	A Soft Computing Approach for The Design of a Medical Decision Support System to Predict The Risk Of Cardiovascular Events	2 (Two) years 2015 onwards	UGC 5,00,000
Dept. of Computer Application			
Mary Jolve J	Secure Authentication using Image Processing through Visual Cryptography	2 Years	UGC 4,65,000
Dept. of Botany			
Vimala Jose	Comparative study of the soil micro environment of rice grown under different soil amendments	2014-16	UGC 4,15,000
GeethuElizabeth Thomas	Molecular characterization of <i>Zingiberneesanum</i> (Graham) Ramamurthy, an endemic plant to Western Ghats'	2014-16	UGC 1,50,000
Anto P. V.	Habitat, Taxonomic and Biochemical studies on <i>Sclerotiumstipitatum</i> (Nilamanga); A rare termite fungus	2014-16	UGC 1,50,000
Dept. of Zoology:			
Shaun Paul Adambukulam	Studies on diversity and population of Odonates(Dragonflies and Damselflies) in the Kol lands of ThrissurDistrict,Kerala	2015-17	UGC 4,10,000
Dr.BrittoJoseph.K	Develoment of Mass Culture Techniques of Selected Species of Freshwater Cladocera from Thrissur District, Kerala	2014-16	UGC 1,50,000
Dept. of Physics:			
Prof. Nees Paul	Development of frequency selective split resonator metamaterial structures using	2014-2015	UGC 200000

	conductive polymers.		
Prof. Joe Kizhakooden	Radiation properties of metamaterial loaded microwave horn antennas.	2014-2015	UGC 200000/-
Prof. Vimalkumar T. V	Preparation and characterization of thin absorber layer for photovoltaic application	2014-2015	UGC 500000/-
Dept. of Statistics			
Dr.Sajesh T A	Robust Multivariate Analysis of Variance with Applications to Real Life Datasets	2014-15	200000 UGC
Dr. T.D. Xavier	Semi Markov Model for Treatment Strategy.	2015- 16	500000 UGC
Dr. Rani Sebastian	Generalizations of Gumbel distributions and their applications in Reliability	2015- 16	500000 UGC
Dept. of Mathematics			
Dr. Julie Andrews	Nanofluid flow past an inclined stretching sheet with applications	Two Years	300000 UGC
Dept. of English			
Bibin Joseph	Survival of Love and Suffocation of Life in "Bogs" of Culture: "Women in Love" in the novels of P.Padmarajan	2014-15	80000 UGC
Dept. of Electronics			
Dhanya Jacob V	Pocket System ECG	2014-2016	265000 UGC
Total			62,55,000

3.2.6 How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.

The Department of Chemistry has been recognized as a research centre under DST - FIST programme. Instruments available in the Sophisticated Instrumentation Facility Centre (SIFC): GCMS; Gas Chromatograph Mass Spectrometer, Thermofisher. FTIR: Fourier Transform Infrared Spectrometer, Shimadzu, Japan. Electrochemical system: Cyclic voltameter and impedance analyser, IVIUM Netherlands, UV-Visible Spectrophotometer, Magnetic Moment Apparatus, Rotavapors(3), Buchi-Japan, Two Sonicators, Magnetic Stirrers with hotplate. pH meters Muffle furnace, Vacuum Oven, Highspeed centrifuge, Conductivity Bridge, Vacuum Pumps, Cold water filler. Three Reaction bath with controller unit and

display. Equipments to be purchased: Thermal Analyser TG /DTA, X Ray Powder Diffractometer, CHN Analyser, Estimated Cost of the CHN analyzer. An amount of Rs. 67 lakhs was received as part of the DST-FIST Programme.

The Research Department of Zoology and Botany has received an amount of 60 Lakhs out of 97 lakhs allocated from DST under FIST programme with the following equipments: Labtek BOD – incubator, Canon - SLR camera and accessories, Eppendorf -centrifuge 5430r, Labtek - deep freezer -20 vertical, Shimadzu-e-weighing balance atx 224, Bio rad -gel doc ez imaging system with image lab 4.1 software, Labtek laminar air flow, Leica - s8 apochromatic stereo zoom microscope, Applied biosystems, PCR machine, Shimadzu UV-vis spectrophotometer

The most significant outcome of the approved research centres:

- The research Centres in sciences have become a research hub for researchers and teachers in the central part of Kerala where there is a lack of enough research facilities.
- Remarkable research is initiated in Chemistry.
- Significant steps were taken in the characterization of newly synthesized molecules.
- The instruments are used in the screening of corrosion inhibition properties
- The facilities are widely used in research in Biotechnology and Tissue Culture
- The instrumentation facility is used to provide research orientation for scholars, teachers and post graduate students.
- The facilities are exhibited to motivate the young generation and students from schools and nearby colleges are encouraged to visit the instrumentation centre.

3.2.7 List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry/National/International agencies).

Completed Research Projects:

Name of Faculty	Title of the Project	Years of sanctioning	Funding agency, sanctioned Amount (Rs.)
Dept. of Chemistry:			
Dr. Joseph Joly V L	Synthesis and characterisation of nanosized grapheme and graphite with magnetic edge-state	2012-2015	DST 20, 00,000
Dr. Joseph Joly V L	Nanographene rich carbon form renewable resin	2012-2015	DST 20, 00,000
English			
Dr. C.S. Biju	Major research project on Shadow puppetry in South India.	2012-2015	916000 868000 UGC
	Innovative Programme in Teaching and Research in Visual Media	2008-2013	48,00,000 UGC

Dr. Anto Thomas C.	Alice in Wonderland- Back Translation Project	2011-15	Lewis Carrol International Society 7,91,000
Dr. Anto Thomas C.	Collection and Documentation of Lullabies in India	2010-12	UGC 7,16,000
Total			12091000

List of Minor Projects:

Name of Faculty	Title of the Project	Years of sanctioning	Funding agency, sanctioned Amount (Rs.)
Dept. of Chemistry:			
Dr. Joby Thomas K	Chelating ability of Schiff base ligands: Structural and application studies	2009-2011	UGC 70,000
Dr. Paulson Mathew	Synthesis of novel NHC complexes of Pd, Ru, Ir etc and their applications in organic synthesis	2010-2011	UGC 70000
Dept. of Zoology:			
Dr. C. F. Binoy	Biosystematic studies on the Hymenopteran Parasitoids Associated With Some Important Stored Product Pests In Kerala, India.	2011-13	UGC 1,70,000
Dr. Joseph Louis Olekkaengil	Diversity and distribution of insect fauna in Mangroves, Chettuvai thrissure district with special reference to plant borers	2009-2011	UGC 87,000
Dr. Francy K. Kakkassery	Studies on the Diversity of Freshwater Zooplankton of Kerala and developing Mass Culture of selected species as live feed in Aquaculture	2009-11	UGC 1,60,000
Dept. of Statistics			
Dr. T. B. Ramkumar	Performance analysis of Government and Aided Schools in Thrissur District	2011-12	UGC 75000
Dr. V. M. Chacko	Total time on test transform ordering of the semi-markov processes with application to multistate system reliability theory	2011-12	UGC 155000
Dept. of Mathematics			

Dr. Alphonsa Mathew	An Oscillatory Free Convective Mhd Flow Through Porous medium In a Rotating Vertical Porous Channel With Heat Source.	03-12-2012 to 03-06-2014	UGC 3,00,000
Dept. of English			
Dr. Sanil Raj	UGC-Major Research Project: The Unheard Muses: A Glance through the Less Known Post-Modern American Poetic Movements".	2012-14	UGC 4,15,000
Dr Davees C J	Portuguese Tourist Map of Kerala	2011-13	UGC 1,50,000
Mr. Andrews Joseph	UGC-Minor Research Project: Puppetry in Pedagogy: Towards a Radical Educational Practice	2011-12	UGC 97,000
Dept. of Commerce			
Dr.Thomas Paul Kattookaran	Performance evaluation of Regional Rural Bank – A case study of the South Malabar Garmin Bank	2009-2011	45,000 UGC
Total			1794000/-

3.3 Research Facilities.

3.3.1 What efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research? How and what strategies are evolved to meet the needs of researchers?

The College provides the research scholars and supervisors adequate space, centralised instrumentation maintenance facility centre named as Sophisticated Instrumentation Facility Centre (SIFC), Online journal resources, Research library, International and national level research conferences and financial support to scholars to participate in workshops and seminars. Internet facility, consistent upgradation of library and frequent induction of books and journals to the research library are some of the remarkable features of research facilities in this college. Workshops, conferences and seminars on research methodology are being organised every year keeping in mind the importance of methodology in scientific research.

All research centres have research offices where the research scholars work and interact with the supervisors concerned. By applying for funds to various funding agencies the College is constantly trying to upgrade the research and laboratory facilities for research. The facilities of the Visual Communication Department which include state of the art filming equipments, editing suits and recording studio are envisaged to constitute a Centre for Educational and Electronic Media Research.

3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

The college library acts as the information resource centre for researchers with its online resources such as INFLIBNET N-LIST, e-books and a remarkable collection of journals.

The Research Council coordinates all research activities and functions as an information resource centre by providing information regarding research admission, progress, funding, publication, patents and it frequently interacts with the scholars in order to give directives on new research areas and conferences/seminars.

3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

The research scholars and teachers are provided residential facility at St. Thomas' College Hostel.

3.3.4 Does the College have a specialized research centre/ workstation to address challenges of research programmes? If yes, give details.

The SIFC is envisaged to be developed as a research resource centre for research scholars and institutes in the nearby districts. This facility is the result of funding under FIST programme of the Department of Science and Technology for the science departments in the college. The total coverage of funding is Rs. 127 lakhs. For research in languages and humanities, the college library has a significant collection of books for research reference and a well developed e- library. The online resources include INFLIBNET N-LIST and associated journal resources.

For research in Science the college established a Sophisticated Instrumentation Facility Centre (SIFC), which serves as a centralized instruments maintenance centre and includes scientific equipments such as Gas Chromatograph Mass Spectrometer, Fourier Transform Infrared Spectrometer, Cyclic voltameter and impedance analyser, UV-Visible Spectrophotometer, Magnetic Moment Apparatus, Rotavapors, Two Sonicators, Magnetic Stirrers with hotplate, pH meters, Muffle furnace, Vacuum Oven, High speed centrifuge, Conductivity Bridge, Vacuum Pumps, Cold water filler, Three Reaction bath with controller unit and display.

Equipments to be purchased: Thermal Analyser TG /DTA, X Ray Powder Diffracto meter, CHN Analyser, gel doc EZ Imaging System with Imagelab 4.1, LEICA – S8 Appochromatic Stereo Zoom microscope, PCR machines, UV-VIS Spectrophotometer etc.

3.3.5 Does the College have research facilities (centre, etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The Sophisticated Instrumentation Facility Centre (SIFC) offers a wide range of equipments. DST –FIST supported instrumentation facility is open for research scholars and faculty of neighbouring institutions in the Dept. of Chemistry. Sophisticated Instrumentation Facility is the shared instrument facility principally serving the science departments in the college. The facility maintains state-of-the-art major analytical instruments to primarily support the research programs within the college but is also available to other researchers. It offers scientific and technical facilities to the students, researchers and teachers of other institutes and research centres and it helps to design and develop scientific research.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the College through the following:

- ❖ Major papers presented in regional, national and international conferences.
- ❖ publication per faculty

Details of Publications by Faculty						
Name of Faculty	Department	Number of National Papers	International	Books	Book Chapters	Seminar/Conference Proceedings
Joby Thomas K.	Chemistry		14	18	-	22
Dr. Paulson Mathew	Chemistry		3	-	-	-
Dr. Sunil Jose T	Chemistry		3	-	-	-
Dr. Jency Thomas	Chemistry		7	-	1	-
Dr. Jinish Antony M	Chemistry		4	-	-	2
Dr. Joseph Joly V L	Chemistry		9	-	-	-
Jacob Abraham Pulikal	Botany		1	-	-	-
Dr. C. D. Varghese	Botany	-	2			
Dr. Ignatius Antony	Botany	-	7			9
Dr. Vimala Jose	Botany		2			2
Dr. Anto P. V	Botany	-	6			1
Dr. Geethu Elizabeth Thomas	Botany	-	1			
Dr. Joby Paul	Botany	-	8			4
Dr. Thomas M. T.	Botany	-	2			
Dr. Francy Kakkassery	Zoology	3	1			3
Dr. Binoy C.F	Zoology	4	2			8
Dr. Vimala John K	Zoology	1	1			1
Dr. Joyce, Jose	Zoology	7	1			9
Dr. Britto Joseph K	Zoology					1
Dr. David C. V	Zoology					2
Dr. T. V. Vimalkumar	Physics		5			3
Dr. P. L. Anto	Physics		5			
Dr. Anto Johny	Physics		3			
Dr. Johns Naduvath	Physics		13			4
Dr Ann Mary K A	Physics		11			
Dr. V. M. Chacko	Statistics		7			
Dr. Sajesh, T.A	Statistics	1	5			
Dr. Rani Sebastian	Statistics		5			
Dr. Nicy Sebastian	Statistics	1	5			
Dr. Alphonsa Mathew	Maths		6			1

Dr. P. L. Antony	Maths	2	4			3
Dr. Julie Andrew	Maths	3	3			1
Viji M	Maths	0	5			
Pratheesh George	Maths	0	1			
Saju M.I	Maths		5			
Dr. Anto Thomas C	English		2	2	6	
Dr C J Davess	English	3	1			
Dr. Sanil Raj	English	3	2			
Dr. Raphael Joseph	English	2				
Rev Dr. Martin K. A	English	4	3			
Anu Paul	English	1	1			
Dr. Viju M J	English	3	2			
Biju M A	English	2	2			
Bibin Joseph	English	1				
Christeena T Jose	English	3	2	1		
Dr. Thomas Paul Kattookaran	Commerce	3				4
Biju John M	Commerce	4				7
Daisland Thattil	Commerce	6				7
Sowmia Rajan K	Commerce	3				7
Divya George	Commerce	11				9
Sijo Jacob V	Commerce	2				8
Sindhu George	Commerce	4				10
Jilna John	Commerce	1				4
Vipin Benny	Commerce	7				5
Paul Jose	Commerce					7
Ajesh Antony	Commerce					3
Mestin P C	Commerce					5
Emmanuel Thomas	Economics	3				
Dr. K M Francis	Economics	1	13			
Gini Paul	Economics	1				
Blessy Paul C.	Politics	1	1			
Sanjo Jose	Library	1			2	1
Bindhia Francis	Computer application	1				
Jeswin Saju	Computer Application	2				
Jinesh Paul C	Electronics	2	2			

Dhanya Jacob V	Electronics	2				
Merin Thomas	Electronics	2				

❖ **Faculty serving on the editorial boards of national and international journals:**

1. Dr. Anto Thomas C. has been serving as the chief editor of Journal of Children's Literature, JCL published by the Indian Children's Literature Association.
2. Dr. C. S Biju is a member of the Editorial board of THESPIAN journal: An International Journal on Theatre, Dhaka, Bangladesh, and *Teresian Journal of English Studies* published by the research Centre of English, St. Teresas's College, Ernakulam.
3. Dr. Sanilraj J., Dr. Anto Thomas C., Dr. C.S. Biju, and Dr. Raphael Joseph are in the editorial board of the national Journal *Conspectus: A Journal of English Studies*.
4. Dr. Joby Thomas is a member of the editorial board of *International Journal of Current Chemistry and Engineering* and *Journal of Applied Chemistry* published by Indo Societal Technical Association.
5. Dr. Thomas Paul Kattookkaran is a member of the Editorial Board of *Advances in Arts and Ideas* and *Research Journal for Commerce & Development Studies* ISSN 2394-8388.
6. Dr. Britto Joseph K. is a member of the Editorial Board of the *Journal of Aquatic Biology* published by Indian Association of Aquatic Biologists (IAAB).
7. Dr. K.M. Francis is a member of the Editorial Board of the journal *Advances in Arts and Ideas*.
8. Mr. George Alex is a member of the Editorial Board of the journal *Advances in Arts and Ideas*.

❖ **Faculty members on the organisation committees of international conferences, recognized by reputed organizations / societies.**

Coordinator of International Conferences:

1. Dr. Raphael Joseph: Coordinator, International Conference on Space Speciality and Performance, February 4 and 5, 2015
2. Dr. Syam Sudakhar, Coordinator, International Conference on 'The Contemporary' March 2,3 2012.
3. Dr. Anto Thomas, Coordinator, International Conference on Children's Literature.

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

The College publishes two journals and the editorial boards of these journals are composed of eminent faculty, renowned researchers and scholars. The journals are published annually.

Composition of the Editorial Board of *Conspectus: A Journal of English Studies*.

Editor : Dr. Sanil Raj J. (ISSN: 0973-0990)

Associate Editors

Dr. Anto Thomas, Dr. C. S. Biju, Dr. Dr. Raphael Joseph.

Composition of the Editorial Board of *Advances Arts and Ideas*

KERENG1779/11/1/2005-TC (ISSN: 0973-2373)

Editor. Dr.N.J.Francis

Members: C.J George, C.S.Biju, K.M.Francis, George Alex, Thomas Paul Katookkaran.

3.4.3 Give details of publications by the faculty:

(This means the entire publication details of the faculty 2011 to 2015)

Number of papers published in peer reviewed journals (national / international)

- ❖ Monographs
- ❖ Chapters in Books
- ❖ Editing Books
- ❖ Books with ISBN numbers with details of publishers
- ❖ Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- ❖ Citation Index – range / average
- ❖ SNIP
- ❖ SJR
- ❖ Impact factor – range / average
- ❖ h-index

Citation indices All Since 2011

Citations 1839 1395

h-index 23 20

i10-index 51 41

(Information gathered from Google Scholar)

Table included in 3.4.1

3.4.4 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty.

Name of the Research Guide	Department	Number of Scholars awarded/su bmitted	Number of scholars pursuing
Dr.Jobby Thomas.K	Chemistry	4	6
Dr.Paulson Mathew	Chemistry	0	3
Dr.Sunil Jose.T	Chemistry	0	2
Dr. Francy K. Kakkassery	Zoology	0	3
Dr. Joseph Louis Olakkengil	Zoology	2	1
Dr.Sajesh T.A	Statistics	0	1
Dr.C.J.Davees	English	6	5
Dr.Anto Thomas.C	English	0	6
Dr.Biju C.S	English	1	7
Dr.Sanilraj.J	English	0	3
Dr. K P Nandakumar	English	0	2

Dr.Bose Joseph	English	1	1
Dr.K.M.Francis	Economics	0	6
Dr.C.D.Johny	Economics	0	2
Dr.Thomas Paul Kattookaran	Commerce	0	5
Dr Thomas Palayoor	English	3	0
Dr. C P Jose	English	2	0
	Total	19	53

3.4.5 What is the stated policy of the College to check malpractices and misconduct in research?

The policy of the College to check malpractices and misconduct in research is in tune with the policy of the affiliating University regarding research plagiarism. To check malpractices and to ensure the originality of dissertation before submission, software such as URKUND and TURNITIN are employed. The College discourages the practice of publishing research findings in predatory journals. In this context, the Department of Library is providing a list of predatory publishers and journals on each discipline. The research council takes every step to maintain quality and academic honesty in research publications and dissertations. The research evaluation committee and the annual report submission of the research by scholars make sure that the research is not plagiarised.

3.4.6 Does the College promote interdisciplinary research? If yes, how many inter departmental / inter disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavour.

The College rigorously promotes interdisciplinary research by permitting departments to interact academically with other departments and other institutions. The centralized lab for science research (SIFC) is a major step forward in promoting interdisciplinary scientific research. The PhD. programme which comprises of Biotechnology and Chemistry at the University of Calicut, Spices Board and Research Centre of Chemistry in this institution is an instance of interdisciplinary research. In arts and humanities researchers are encouraged to concentrate on emerging interdisciplinary areas, for instance literature researchers focus on urban studies, history, children's psychology, theatre, film studies, visual culture etc.

3.4.7 Mention the research awards instituted by the College.

The best research paper award is instituted by the Department of Chemistry. College is planning to award best research publication and best research dissertation.

3.4.8 Provide details of Research awards received by the faculty and research Scholars.

- Dr. Joby Thomas K; Best Teacher Award by Chemical Research Society of India -2011.
- Dr. Joby Thomas K; M.M. Ghani Best Teacher Award by University of Calicut - 2014
- Dr. Aby Paul: International Conference on Corrosion: Best Paper award at IIT Chennai. 2014
- Miss. Sini Varghese C. ;UGC Seminar: Best Paper Award. at S.N. College, Shornur.2015
- Miss. Reerja Johnson UGC Seminar; Best Poster award at S.N. College Nattika. 2015

- Dr. C.D. Varghese, Cancer Care Award Kerala 2013.
- Dr. C.D. Varghese; Social Awareness Award 2014
- Dr. Thomas M. T. - P D Sethi award 2010 for the best publication in Chromatography.
- Dr Vimala K John, Best PhD Thesis Award, St Thomas' College Kollanchery 2011
- Dr. Joyce Jose Excellent Research in Forest Management And Conservation in Kerala.
- Dr. C. Chandrasekaran Memorial Gold Medal and Endowment Award 2010 by KFRI &KSCSTE.
- Dr. Bobby Job: Dr. K.M. Bhat Memorial Gold Medal for best upcoming researcher.
- Dr.T.A. Sajesh: Second Best Paper Presentation Award in National Symposium on Statistics and its applications for Young Researchers, Organized by Department of Statistics, University of Madras, Chennai. (2013)
- Dr. Rani Sebastian: Dr.M.N. Gopalan Young Statistician Award for the year 2011 organized by Indian Society for Probability and Statistics (ISPS).
- Mrs. Jeena Joseph: Won the Women Scientist Scholarship under the DST Government of India. (2014)
- Dr. Anto Thomas C.: Honoured as the Invited Keynote Speaker on Asian Childhood at the 22nd Biennial Congress of the International Research Society for Children's Literature held at the University of Worcester, England – International Research Society for Children's Literature
- Dr. C.S. Biju - Charles Wallace Research Award - Charles Wallace Trust 2011

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

The College recognizes the research contributions of faculty whose work has substantial social and community value. The College honours publicly their contributions by felicitating them on important days of the College. The research council and IQAC promptly inform the teachers about major and minor research projects and routes their applications to the higher authorities. The college makes available the resources of the College for the researchers even at the odd hours of the day.

3.5 Consultancy

3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.

The College has designed a policy for consultancy in the wake of emerging requirement from external organizations and institutions. This policy consists of appointing a nodal officer at the Research Centre level and coordinating all consultancy services at the college level. Waste management, air and water pollution and illiteracy are given utmost priority among consultancy services. Zoology and Chemistry Research Centres are involved in these activities. The research centre of Commerce, Economics and Statistics consider local market flow, statistical analysis of coconut crop in Kerala and Income Tax consultancy. Humanities are engaged in the promotion of local history, culture and literary activities. Department of Visual Communication provides consultancy in educational programmes, television productions, short films and multimedia products. The income generated from consultancy will be shared in the 80:20 ratio between the faculty and the college

respectively. Social Work Department provides consultancy for various government projects such as NRLM, MKST and RAY by participating as board members. Faculty members of research centre in chemistry provide consultancy to research scholars and faculty of neighbouring institutions for the interpretation of analytical data, especially spectroscopic results, in deriving the structure of novel compounds. Also they provide consultancy for designing, functioning and presenting research projects in the field of Chemistry.

3.5.2 Does the College have College-industry cell? If yes, what is its scope and range of activities?

The research centre of Commerce has a very strong relationship with industry and their research out puts are sought by the industry. The Department makes sure that their syllabus is abreast with the changing nature of industry and incorporates the insights from the industry to the classroom.

The Research Centres of Chemistry and Visual Communication have linkage with industry in providing human resource, laboratory facilities and research outcome. The Department of Chemistry has made Memorandum of Understanding with various industries in the field of Pharmaceuticals in designing soft skill programmes to undergraduate students.

3.5.3 What is the mode of publicizing the expertise of the College for consultancy services?

Workshops, seminars and exhibitions organized by the College.

Mention the departments from whom consultancy was sought.

Department of Social Work, Commerce, Economics, Statistics, Chemistry, Visual Communication, Zoology and Botany rendered consultancy services without accepting honorarium.

3.5.4 How does the College encourage the faculty to utilise the expertise for consultancy services?

The faculty is encouraged to take up consultancy services by offering a significant remuneration, permitting to use infrastructural facilities such as laboratories and computer labs.

3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

Waste management, air and water pollution and illiteracy are given utmost priority among consultancy services. Zoology, Botany and Chemistry Research centres are involved in these activities. The research centres of Commerce, Economics and Statistics consider local market flow, Income Tax consultancy and statistical analysis of coconut crop. Language, History and other departments are engaged in the promotion of local history, culture and literary activities. Department of Visual Communication provides consultancy in educational programmes, television productions, short films and multimedia products.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience.

St Thomas' College, located at the heart of Thrissur town, from the very inception had been at the forefront of the cultural, social and political life of the community. Faculty and students are actively involved in the St Thomas' for Society (SFS) initiative of the college. Beyond the lectures, research and academic activities,

faculty and students are sensitized to integrate their studies with social and cultural issues of the community they live in. Department of Social Work has conducted social awareness programmes with the active involvement of students:

The outreach programmes under SFS are:

- SASAP – Teachers and PG students of the college teach at St Anne's Orphanage, Thrissur. This has given the students a sense of giving back to the society.
- EXCEL – Civil Service coaching and entrance examination coaching are given to high school and higher secondary students.
- Free Lunch – Students sacrifice their lunch on Fridays and give the same to the needy in the city.
- *Sahapadikkoru Veedu* – To inculcate a sense of brotherhood and fellow feeling students collect money to build a house for a homeless student.
- Equal Opportunity Cell of St Thomas' College organizes diverse socially significant programmes for women, underprivileged and the marginalised.
- NSS of the College has a remarkable history of inculcating a sense of community living among students. NSS of the College was awarded Jeevadhayani Award of Kerala Youth Welfare Board for having maximum number of Blood donors in the Jeevadhayani Programme.

The aim of the college is to mould the future citizens of the Country by inculcating in them a sense of social, cultural and communal harmony through academic and campus life.

3.6.2 How does the College promote College-neighbourhood network and student engagement, contributing to holistic development of students and sustained community development?

Wherever possible, examples from local community, environment, culture etc. are used in classrooms, research and students' thesis and projects. Most history projects of students are about the local history of Thrissur. Chemistry department is involved in the analysis of heavy metals in water in Thrissur. A survey on financial inclusion was conducted by the Department of Commerce in Nadathara Grama Panchayath in January 2015.

Botany, Zoology are involved in the documentation and preservation of local flora and fauna of Thrissur

Visual Communication Department has documented some of the historic buildings of Thrissur

3.6.3 How does the College promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

- The College encourages national collaboration by promoting the participation of students in NSS and NCC. There are two NSS units in the College and students are inculcated in leadership and social integration programmes. The annual 7 days rural camp is attended by a considerable number of students of the College. The members of the faculty function as the programme officers and they stay with the students; selected members of the faculty act as resource persons of such camps.
- The vibrant NCC cadets of the College are involved in activities such as National Integration Camp (NIC) and they have won many awards in Republic Day and Independence Day.

- AICUF and Jesus Youth are avenues for students to interact with the local community and students from other parts of the country.
- The Community living camp initiated by Social Work Department is an opportunity for students to live ten days with underprivileged communities to conduct surveys, medical camp and various other awareness programmes and the students as well as the faculty act as energisers of such endeavours.

3.6.4 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower the underprivileged and most vulnerable sections of society?

The college conducts social surveys to locate the marginality of certain social categories and its consequences as part of their research projects. The outcome of such studies elucidates the fact that depravity reflects in education, health, economy and mobility. Camp for Health Seeking Behaviour among tribal community of Attappadi, a rural camp for students to conduct socio-economic survey of Meenakshipuram village in Palakkad District and a rural Camp in Vengannellur of Chelakkara Grama Panchayath to conduct survey on Participatory Rural Appraisal were schemed and completed.

Some of the other activities undertaken by the college were to do surveys on fields of deprivation and health problems: Social security benefits survey for Cancer Patients, AIDS patients' and caretakers' stress and burnout survey, Colo-rectal cancer among bank employees and Farm mechanization survey.

3.6.5 Give details of awards / recognition received by the College for extension activities / community development work.

The NSS of the College was awarded the Jeevadhayani Award of Kerala Youth Welfare Board in the year 2015-16 for promoting maximum number of Blood donors in the Jeevadhayani Programme. The Silverline award for the visually challenged was awarded to the College in the year 2015-16 for helping the visually challenged students. The street play, 'Car-Free Day' was awarded the second place in the Competition conducted by Evangelical Social Action Forum (ESAF), in 2014. Our students could win the second place in Live Documentary in the national level meet of the students of Social Work, Catalysis'16, conducted at Rajagiri. Poster presentation on Livelihood analysis brought us the first place in the same venue. Our social work team could win the title, Best Social Work Team, at Rendezvous-2012, in the All Kerala Social Work Students Meet. Ms. Anu Clement, our student could win the award for the best social worker in De Novo by De Paul Institute of Social Sciences, Angamaly. Our team could get high recognition for our analytical research on Community Policing by the Home Department, Kerala State.

3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the College, comment on how they complement students' academic learning experience and specify the values and skills inculcated?

The extension activities organized by the college influence the students in many ways. Their participation brings about radical attitudinal change among students towards society and the community at large.

- Scientific reporting – Students are sensitized in the methods of writing scientific reports and learn to convert their scientific discoveries and innovations to the general public.
- Programme organising –Through the constant support of supervising teachers, students learn to organize programmes, work in a group and to interact with

the community, thereby getting firsthand experience of practising what they have learned in the classrooms.

- The rigorous and intensive nature of the programmes with lateral interaction helps the students to equip themselves to deal with issues from grass root level to corporate level. Entrepreneurial Development Club activities include imparting training to students so as to enable them in presenting views to a community at a grass root level and corporate level.
- The students are also refined in preparing and conducting surveys and designing survey questionnaire. Survey tool preparations and conducting surveys are done mainly by the students of Social Work.
- Another feature that helps students is the integration of ICT with their survey methods.
- In 2010, a socio-economic survey was conducted at Ollukkara Block, together with the Rajagiri Outreach Organisation.
- Another survey was done at kumbaran colony in Thrissur District, in 2010.
- A survey was done with the Child Welfare Committee at various schools in Thrissur in the same year.
- In 2012, a survey was conducted in the Peechi, Vazhachal areas with the Forest Department, on Participatory Rural Approach (PRA).
- Another PRA for preparing micro-plan of Peechi Reservoir Fishermen Eco Development Committee in 2013.
- With the collaboration of “Kudumbasree” crime mapping was done in the remote villages in 2014.
- Students are also taught to conduct need assessment and to develop strategies to address various issues in surveys.
- The rural camps conducted every year by the Social Work Department make sure that students get direct experience of the problems encountered by the rural population.
- Students of the College have found these above-mentioned initiatives by the College to be helpful in a deeper understanding of value based education, holistic approach towards community, need-based-activity, challenging the evils of society and the value of sacrifice and suffering for the cause of the underprivileged and the poor.

3.6.7 How does the College ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the College which have encouraged community participation in its activities.

Since the primary aim of the outreach activities is to contribute to the society, community engagement is the main focus of such programmes. By utilizing the resources of the community in which the students are working, the programme gathers enough attraction and encouragement from the local beneficiaries. The students who are engaged in community involvement programmes act within the community and ensure that a significant number of agents from the community participate in these programmes. One of such programmes our students have done is imparting health and public hygiene awareness to the villagers of Vellakkarithadam, on request of the local body authorities, in 2014. For all these activities, the local bodies were part of the official team and this helped the students to interface with the community easily. The students did a survey with an intention to conscientize the

villagers of Meenakshipuram of the need for rain water conservation. Another outreach attempt of our students was among the villagers of Desamangalam, “KATHIR”, doing Google mapping together with the voluntary association, Green Army, in 2015. Some of the other programmes are noted below:

- “Sparsham”, a need assessment survey was conducted in 2011 at Venganalloor, Chelakara. The local Panchayath officials of the village were instrumental in the effective conducting of the survey.
- “Thudi”, a camp for identifying forest resources based on ‘Green India Mission’ with the participation of community at Peechi, Vazhani and Vazhachal, in the remote village and tribal areas was conducted in 2012.
- “Spandanam”, a rural community living camp at Vallikkayam in 2013 was wholeheartedly welcomed by the various sections of the society.
- “Rithu” in 2014, was a camp at Pattimaalam, Agali, including imparting the awareness on alcoholism, cultural exchange, survey on health seeking behaviour and a medical camp.

All these services and studies done by our students had the orientation of utilizing the resources of community, acting within the community, ensuring community participation, taking evaluation of the community, involvement of Local Bodies and potential leaders, having the thrust areas of need assessment and popular conscientization.

3.6.8 Does the College have a mechanism to track the students’ involvement in various social movements / activities which promote citizenship roles?

Students who are involved in such activities daily report their activities to the concerned teacher and their activities are recorded. Coordinators who are in-charge of various clubs, NCC, NSS etc. monitor the activities and give proper suggestions in order to improve the effectiveness of the activities. Teachers sensitize students before they go for such activities and record the level of expertise the students have. Students are encouraged to share their experiences with others so that their knowledge and understanding of the activities are recorded unofficially.

NSS, CSS (Compulsory Social Service) and NCC work in groups and the members of the groups inform the leaders who guide the students and in turn they report the results to the respective programme officers, class teachers or CSS coordinators. The students are given certificate for their contributions and due attendance. Based on their involvement grace marks are awarded to these students as stipulated by the affiliating university.

Yuva Sabha, a student forum, is initiated by the students to promote such activities and to report in proper forums the privileges and demands of the students.

3.6.9 Give details on the constructive relationships (if any) with other institutions in the nearby locality in working on various outreach and extension activities.

Amala Institute of Medical Science invites the support and co-operation of our Social Work Department, to help in their endeavour in observations like the Mental Health Day, Alzheimer’s Day etc. and in conducting conscientization programmes. Our students stand hand in hand with the Jubilee Mission Medical College in conducting awareness programmes, Placements and training workshops, field work etc. The B. Voc. (MLT) also have tie-up with Jubilee Mission Medical College.

Kudumbasree (the women empowerment programme under the patronage of Govt of Kerala) approached for our help in conducting the recruitment of co-ordinators for NRLM.

As part of the Outreach programme of Rajagiri College, our social work students organised Summer camps for the students of different localities, Mannuthy, Tholur, Mulayam and other places.

The Department of Social Work organised a “shramadaanam” (Free Service), cleaning the wards and premises of Government Mental Health Centre, Thrissur. Our social work students co-operate with ESAF, Jubilee Mission Medical College, KILA, Santhwanam and other social service ventures.

The Department of Chemistry holds IIT outreach programmes, in association with the Department of Chemistry of IIT Madras, Chennai, in inculcating the spirit of research and higher learning in the field of Chemistry, in India and abroad.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

- The NSS of the College was awarded the Jeevadhayani Award of Kerala Youth Welfare Board in the year 2015-16.
- The Silverline award for the visually challenged was awarded to the College in the year 2015.
- Street play, ‘Car-Free Day’ was awarded the second place in the Competition conducted by Evangelical Social Action Forum (ESAF), in 2014.
- The College won the second place in Live Documentary in the national level meet of the students of Social Work, Catalysis’16, conducted at Rajagiri. Poster presentation on Livelihood analysis brought us the first place in the same venue.
- Our social work team won the title, Best Social Work Team, at Rendezvous-2012, in the All Kerala Social Work Students Meet. Ms. Anu Clement, our student could win the award for the best social worker in De Novo by De Paul Institute of Social Sciences, Angamaly.
- Our team got high recognition for our analytical research on Community Policing by the Home Department, Kerala State.

3.7 Collaboration

3.7.1 How has the College’s collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has the College benefitted academically and financially because of collaborations?

- DST-FIST support for centralized instrumentation (SIFC) has significantly reshaped the college’s potential to serve as a hub for scientists, researchers from other institutions and industry in analysing various features.
- The collaborations of Department of Chemistry with IISER Thiruvananthapuram, NIIST Thiruvananthapuram, NCL Pune, Central University Hyderabad, NIT Calicut, JNCASR Bangaluru, IIT Delhi, IIT Madras, CUSAT etc. has garnered a research environment in the department, encouraging students to take up research careers and has been instrumental in helping students to qualify in NET, GATE exams.
- Dr.Vimalkumar T. V has collaborated with Dr. K. P. Vijayakumar of Cochin University of Science and Technology (CUSAT) in the field of – ‘Application of Thin film in Solar cells’.
- Dr. Francy Kakkassery, Department of Zoology has collaborated with The Natural History Museum, London, UK and Conservation Research Group

(CRG) and Department of Fisheries, St. Albert's College, Kochi, Kerala in the form of joint publications.

- Dr. Johns Naduvath collaborates with Prof. Sudhanshu Mallick and Prof. Parag Bhargava of IIT Bombay in the area of nanomaterials and the IIT laboratory facilities are used by the students of the college.
- Teachers from the Department of Zoology have collaborations with scientists in KFRI (Kerala Forest Research Institute) which resulted in the joint publications in peer reviewed journals.
- In its collaboration with Centre for Performance Research and Cultural Studies in South Asia, the college has organised many international conferences and brought in eminent scholars and academics such as Gayatri Chakraborty Spivak, Arjun Appadurai, Richard Schechner and Ashis Nandi to the campus.
- Centre for Camonian Studies, Coimbra University, Portugal: Collaborative Research to provide research facilities for research scholars from both sides to work on Camoins Studies. Coordinator; Dr.C.J. Davees.
- Goethe Institute, FrankFurt Germany: Dr.Anto Thomas C. was awarded the DAAD fellowship for scholar exchange programme at Goethe Institute, Frankfurt.

3.7.2 Mention specific examples of, how these linkages promote

❖ Curriculum development.

Linkage with eminent academic institutions and scholars has remarkably contributed to the process of curriculum development through various ways. Interaction and collaboration with industry, local community and other research institutions has given the opportunity to update the curriculum by taking the demands of industry, new technologies and cutting edge research methods.

The international exposure to the latest advancements in research and development has helped in designing of high quality curriculum.

Internship and On-the-job training: Many students are provided internship with these organizations. Many departments, especially departments of Commerce, Management, Social Work and Visual Communication have benefitted from the collaborations of the College with other institutions where they do their projects.

Faculty exchange and development: DAAD German Programme was utilized by Dr. Bose Joseph and Dr. Anto Thomas. German Professors from Goethe Institute in Germany visited the college as part of the exchange programme.

Dr. C. J. Davees visited Coimbra University, Portugal and Seabra Pereira from Portugal visited the College in 22nd to 24th August 2011.

Research, Publication: These interactions have fostered a research culture and atmosphere in the College. Teachers and students gather momentum to publish in academic journals because of the rigorous research environment in the College.

Consultancy, Extension: The teachers who are involved with consultancy and extension work actively seek the help and support of scientists and scholars from these institutions. For project works, students from other universities and institutions have used the facilities and laboratories of the College.

Many teachers from the College have served as resource persons and project guides to the School of Distance Education, University of Calicut. Members of the faculty of the College are members of the research admission committee in various research centres and institutions.

Student placement: The various organizations with which the College has collaborations have been very enthusiastic in accepting the students from the College as their employees. The main organizations that came to the College for campus placement are South Indian Bank, WIPRO, TCS, INFOSYS etc.

3.7.3 Does the College have MoUs nationally / internationally and with institutions of national importance/other universities/ industries/corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching learning, research and development activities of the College?

- The DAAD scholarship that Dr. Anto Thomas was awarded helped in establishing an MoU with Goethe Institute Frankfurt Germany to develop studies in children's literature.
- The College has established MoU with the Camoins Centre of Coimbra University, Portugal based on the academic initiatives of Dr. C. J. Davees, Department of English. This MoU provides facilities for Indian students working in History to work in the centre.
- The Department of Zoology is conducting a B.Voc. programme in Medical Laboratory Technology with the support of the MoU signed by the College and Jubilee Mission Medical College, Thrissur.
- KELTRON knowledge Centre has signed an MoU with the College to enhance the computer and accounting skills of students who are taught these courses at a subsidised rate.

3.7.4 Have the College/industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

The proposed SIFC (Sophisticated Instrument Facility Centre) is an innovative initiative by the Department of Chemistry, Department of Botany and the Department of Zoology in order to establish an advanced laboratory facility which could be useful for industry, other research institutes and Colleges. The project is the result of consistent interaction and support from the Department of Science and Technology, Government of India.

Any additional information regarding Research, Consultancy and Extension, which the institution would like to include.

A new species of *Rotala L.* (Lythraceae) from the lateritic hills of Thrissur district, Kerala India is described by Dr. Anto P.V. *et al* (2014) in International Journal of Advanced Research Vol. 2 (9): 761-768 (ISSN No 2320-5407). *Murdannia satheeshiana* - A new species of Commelinaceae from the Western Ghats, India was published by Dr. Joby Paul (2011) in Phytotaxa 22: 41-46 (ISSN 1179-3155).



CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

The Campus

The biggest advantage of St. Thomas' College is its location. Being almost in the centre of the Thrissur town, the College has easy access to public transport. The nearest railway station is 1500 metres away. In addition to the present City Campus, the College is in the process to construct a satellite campus just 4 kms away, called the Centenary Campus by 2019.

The College has a total campus area of 28.87 acres and its details are given:

Administrative Block – 1.44 acres

Academic Block – 1.19 acres

Jubilee Block and St. Thomas' UG Hostel – 0.79 acres

St. George PG Hostel – 0.06 acres

Sports Complex: Outdoor and Indoor Stadia and Fitness Centre – 11.69 acres

Centenary Campus– 13.7 acres

Campus Layout

The College works in four blocks: the Administrative Block, the Academic Block, the Jubilee Block and the Sports Complex. All the Departments, the Administrative Block and other buildings including the Library, canteen etc. are linked by a central intercom facility and a public address system.

Administrative Block: The oldest block of the College includes the Principal's Office, Administrative Office, General and English sections of the College Library, IQAC/ NAAC/ Placement Cell Office, Excel Office, *Gandhi Smriti* Open Air Theatre, Haritham Hall, Menacherry Hall, Vazhappilly Hall and the prestigious Medlycott Hall. The academic departments of Commerce, Economics, History, Political Science and Physical Education are also located in this block. Counselling Room, Prayer Hall, Sick Room and SBI ATM are other facilities available in the Administrative Block.

Academic Block: All the Science Departments, English and other Language departments, UG and PG Laboratories, Sophisticated Instrumentation Facility Centre (SIFC), Retiring Rooms, Science section of Library, NCC Office, Canteen, the Co-operative Store and the Palocaren Square are located in the Academic Block.

Jubilee Block: The Jubilee Block is mainly devoted to Self-financing Programmes, their Departments and Offices, Office of the Controller of Examinations, Self-financing Section of the Library, Counselling Centre, Kundukulam Hall, Alappatt Hall, Community College, Centre for Media Studies, the Shooting Floor, Recording Studio and Editing Suites and Classrooms and Laboratories of Keltron Knowledge Centre.

Sports Complex: The Sports Complex comprises of Outdoor Stadium, Indoor Stadium, Athletic Track, Cricket Pitch, Jumping Pit and a Fitness Centre with all amenities.

Classrooms

The College has 102 classrooms. Each classroom has sufficient number of benches, desks, chairs and tables and is provided with teaching aids such as green boards and lecture platforms. Two class rooms of each department are multimedia enabled and audio-visually equipped. Classrooms are well-lit and ventilated, and are provided with fans and power sockets.

Laboratories

The Science Laboratories are well equipped with modern facilities and amenities which are enabled with latest technologies and they are updated periodically according to the innovations in the respective disciplines. In addition to the Laboratories in the Science Departments to cater to the needs of the PG, UG and PhD programmes, almost all Departments have their own Computer Laboratories.

Staff Rooms

Each Department has a well-maintained and furnished staff room. The teachers are provided with necessary furniture, computer facilities, cupboards etc. There is also a General Staff Room equipped with computer facilities so that teachers of various departments can involve in academic interactions. These facilities are available for Administrative Staff as well.

Power Back-up

The College has got 3 large Generators in all of its three Blocks for backups in case of power supply failures. In addition, all the computers in the campus are provided with UPS facilities to avoid data loss during power failures.

Medicinal Garden

A medicinal garden with rare, endangered and threatened species of plants is maintained by the Department of Botany.

4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

At the end of every year, the Management and other Academic Bodies, by incorporating suggestions from various stakeholders including students chart out a detailed plan for physical infrastructural requirements for the upcoming year. This include acquisition, distribution and utilisation of physical infrastructure and identifying potential resources such as UGC, PTA, alumni, retired staff and other well-wishers of the College.

The College makes optimum use of infrastructure during class hours to meet the requirements of higher education, and after regular college hours they are utilised for conducting Career oriented and Add-on Courses, Certificate Courses and extracurricular activities. Besides University Examinations for both regular and private candidates, examinations of the Institute of Chartered Accountants of India, Institute of Cost Accountants of India, Institute of Company Secretaries of India, National Institute of Electronics and Information Technology, State Eligibility Test, Sikkim Manipal University, Institute of Banking Personnel Selection, Indian Institute of Banking & Finance, Union Public Service Commission, Kerala Public Service Commission are also conducted at the College. Being at the heart of the city and easily accessible, it is also utilised on weekends for various entrance coaching programmes by external agencies. The College also arranges classes for the remedial courses and UGC/UGC-CSIR National Eligibility Test - Junior Research Fellowship (NET-JRF) coaching. The space is elaborately used to conduct gatherings of various

communities and organisations including the visually and mentally challenged and differently-abled.

4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The College has made sure that students get state of the art infrastructural facilities in terms of their learning. The College provides latest technological innovations to emphasise the significance of teaching/learning environment through advanced scientific research laboratories supported by DST-FIST, webcasting of lectures, internet based research resources, multimedia and ICT enabled classrooms and seminar halls and the open air auditorium with the support of UGC, which has become a hub for academic interaction.

An Open Air Theatre named *Gandhi Smriti*, four halls namely Vazhappilly Hall, Alappatt Hall, Kundukulam Hall and Haritham Hall were added recently. E-library for accessing online information resources was also constructed.

4.1.3 Does the College provide all departments with facilities like office room, common room and separate rest rooms for women students and staff?

All the departments have common staff rooms and office rooms which are provided with Wi-Fi facility. Separate rest rooms are allotted for women students and staff.

4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

The College has constructed ramps for the convenience of differently-abled. A high end all-in-one touch screen computer was purchased with Higher Education for Persons with Special Needs (HEPSN) assistance of UGC, to enrich higher education learning experiences for differently-abled persons. E-books with audio facility are also available in the Library. In addition to these, differently-abled are allowed to record lectures and assistance of scribes is provided to them for examinations.

4.1.5 How does the College cater to the residential requirements of students? Mention

❖ capacity of the hostels and occupancy (to be given separately for men and women)

The College provides residential accommodation for the faculty, students and the administrative staff coming from distant places. There are two hostels – St. Thomas UG hostel and St. George PG/Staff hostel. There are 96 students in UG hostel, which has a capacity of 104 and 21 in PG/Staff hostel which can accommodate 23. Co-education in the College was introduced in 2001 for PG courses and in 2004 for degree courses in an effort to strengthen women's education. Accommodation for women is provided at the Our Lady's Centre Women's Hostel which has a capacity of 152.

The College canteen is accessible to everyone. Besides providing snacks and beverages, the canteen also provides meals at subsidised rates. While the ground floor is for students, the mezzanine floor is earmarked for the staff only. The total capacity is around 60.

❖ Recreational facilities in hostel/s like gymnasium, yoga centre, etc.

Recreational facilities such as basket ball, badminton, indoor games and television are available for residents of hostel. Hostellers use the College ground, indoor stadium and gymnasium for games and physical fitness.

❖ **Broadband connectivity/Wi-Fi facility in hostel/s.**

PG students and staff residing in the hostel are given permission to use Laptop/PC and Internet.

4.1.6 How does the College cope with the health related support services for its students, faculty and administrative staff on the campus and beyond?

The College started an insurance scheme known as St. Thomas' Students Insurance Scheme (SSIS) in collaboration with United India Insurance Company Limited for all the students in the autonomous stream. All the staff members are covered under the accident insurance scheme of the Kerala State Government by contributing a nominal amount in a year. The staff members are also eligible for reimbursement of their medical expenses as per the government rules.

The College has a tie-up with Jubilee Mission Medical College & Research Centre for health related issues, which also comes under the same management.

A medical team conducts check-ups once in a year for the College community. The Government District Hospital and the Office of District Medical Officer (DMO) are next door to the College which conducts frequent awareness programmes in the College.

Academic Departments of the College offer courses to students on nutrition and health. An open course "Nutrition, Health and Hygiene" is conducted by Department of Zoology. Department of Physical Education offers an open-course on "Physical Activities, Health and Wellness". With the health and well being of students and staff in mind, on every International Yoga Day, a Yoga Meet is organized by the College. Different departments of the College conduct various health related awareness programmes and camps like blood group detection to sensitise staff and students on these aspects. Safe drinking water is provided by installing water purifiers in all the blocks of the College. The College maintains first aid facilities to meet emergency situations.

4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

The College has the following facilities on its campus to promote interest in sports and cultural events.

College Indoor Stadium

With the strong initiative of the Department of Physical Education, College has a standard indoor stadium with all facilities necessary for conducting coaching camps as well as competitions of all major indoor games like Basketball and Volleyball. There are three badminton shuttle courts utilized by the students as well as public. Sports activities start by 6 am and continue till 9 pm. Regular coaching camps are being conducted for events like Boxing, Yoga etc. for College students as well as students from neighbouring colleges and other educational institutions. Indoor Cricket net practice is conducted during monsoon. There are sufficient dormitory accommodation and toilet facilities with ample parking space. Spectators' gallery which has capacity of about 1500 people is an added advantage. Indoor stadium is also utilized for special programmes like College Day, Retirement meetings and similar functions.

400 Meters/ 8 lane standard Running track

The 400 meters track with 6 lanes in St. Thomas' College Thope Stadium established in 1930s is the first of its kind in Central Kerala. Presently the track has

been standardised with 8 lanes and levelled properly with drainage. The Outdoor Stadium, Indoor Stadium and Tracks are accessible for the public utility on payment.

St. Thomas' College Fitness Centre

The College has fully equipped Fitness Centre suitable for weight training for all the sports events throughout the year. It has a full time trainer. This centre is also assisting the public in their fitness needs.

Halls and Open Air Theatre

To facilitate space for organising cultural events the College has Medlycott Hall, Alappatt Hall, Menacherry Hall, Vazhappilly Hall, *Haritham* Hall, *Gandhi Smriti* Open Air Theatre, Kundukulam Hall and Palocaren Square.

The College regularly conducts College Level Fine Arts competitions and Sports competitions and also conducts various types of other cultural competitions in connection with festivals like Onam, Christmas, New Year's Day and Kerala Piravi (Birthday of Kerala). A three day Film Festival, Food Festival and Sports Meet are conducted by College Union and Staff. There are 22 active clubs to promote Environmental, Creative, Social and Fine Arts aspects of students' talents.

4.2 Library as a Learning Resource

The Department of Library houses about a Hundred Thousand books and is one of the largest and oldest college libraries in Kerala.

Collection

The valuable collections include forty sets of Encyclopaediae, twenty sets of Dictionaries and Directories of various categories. Some of the collections are very rare, viz. 4 editions of *Encyclopædia Britannica*, 2 editions of *World Book Encyclopedia*, Collier's *Encyclopedia* (24 volumes), *Funk & Wagnalls New Encyclopedia* (29 volumes), *Compton's Pictured Encyclopedia* (15 volumes), *The Book of Knowledge: The Children's Encyclopædia*, *International Encyclopedia of Ecology and Environment* (30 volumes), *Encyclopedia of Visual Art* (10 volumes) and *Encyclopedia of Animal World* (21 volumes). In the collection of dictionaries there are 20 sets of various types, among them *A New English Dictionary* (9 volumes), published in 1888, is the rarest and the most valuable. Moreover, *A Dictionary of English Language* abridged by Robert Gordon Latham from that of Samuel Johnson in 1882, Malayalam-English Dictionary by Hermann Gundert and Malayalam-Portuguese Dictionary by Johann Ernst Hanxleden, popularly known as Arnos Padre, are available in the Library.

Users

The College Library mainly caters the students, researchers, academic and administrative staff of the College. All the students are given ID cards and they have to produce the same when they enter the Library. Library support staff is given orientation for dealing with students assuring their maximum co-operation. In addition to the academia of the College, the Library permits students and research scholars of other colleges and Universities and general public to use its resources on request.

Staff

A qualified Librarian and 7 support staff are behind the efficient management of the Library.

Acquisition

Books and Journals are procured based on the recommendations of the Library Advisory Committee, faculty and students. In addition to the recommendation forms,

a facility to recommend books is available in the online catalogue. The sources of funds for the purchase of new documents are UGC, DST-FIST, Management and Principal's Personal Deposit (PD) Account. New books and journals are exhibited in the Library and kept on the display racks of the "New Arrivals" section for two weeks to get the attention of the readers. Moreover, Department heads are informed through email about the new arrivals in the Library and are requested to forward the same to the students.

Document Organisation

All the books are properly catalogued and classified according to Dewey Decimal Classification (D.D.C.) and are neatly tagged on their spines. Guide cards are provided to all shelves to show subject and their class numbers to users. There is a regular and annual maintenance and up-gradation of the Library which include proper binding and replacement of damaged books. Back volumes of journals and old books are bound and stocked.

E-Library

The General section of the Library is equipped with 32 computers and Science section has six computers with free internet access. Students are allowed to use internet anytime.

Reprographic facility

The College has photocopying, printing and scanning facilities which are open also on Saturdays.

Circulation Services

The Library is fully computerised. Open source software, *Koha* is used to automate the library operations. Computerised circulation services are followed by the staff to make the process faster and efficient. There are power backups for computers to provide uninterrupted power supply in the campus.

Online information services

Library is fully automated with individual user accounts. The College has subscription to e-resources like INFLIBNET N-LIST, International Monetary Fund's (IMF) e-Library and Sage online Journals. The soft copies of previous years' question papers are being made available online in the campus wide network and to dispense with the practice of binding them to save space and improve access. The efforts to create an institutional repository are in progress.

Catalogue

The users can search the books through the online catalogue of books available on College website. The Malayalam books are catalogued in Malayalam itself, which is also searchable with transliteration in English. All the cataloguing services are done in-house. The catalogue search facility is accessible from any part of the world and users can renew the books from remote locations. The users can also access the preview of the books searched, if they are available online in services like Google Books, which greatly help them to select the books with relevant information.

4.2.1 Does the Library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the Library, student/user friendly?

The Library has an Advisory Committee consists of the Principal (Ex-officio Chairman), the Librarian (Ex-officio Secretary), members from the teaching staff of every department, administrative staff and student community.

Major responsibilities of the Library Advisory Committee are:

- To advise on overall performance of the Library,
- To advise on purchase of new books, journals and other documents,
- To allocate funds, from the sanctioned annual budget for the purchase of books, journals, periodicals and stacking materials,
- To arrange for the stock verification of the Library,
- To solve problems which arise during the functioning of the Library,
- To strengthen e-library facilities,
- To motivate the academia for the better use of the Library and
- To strengthen the reading habit in academia with a focus on research.

The members of the Library Advisory Committee (LAC) discuss and interact with the students to understand their academic requirements and decide the books to be procured for the next academic year. The Library starts functioning from one hour before and one and half hours after the class hours so that students can avail more time in the Library.

4.2.2 Provide details of the following:

- ❖ **Total area of the Library – 759 Sq. Mts. (8161 Sq Ft)**
- ❖ **Total seating capacity – 210**
- ❖ **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**

The Library functions during the following hours on working days irrespective of vacation periods.

- General Section: 8.30 am – 5 pm
- Science Section: 9 am – 5 pm
- English Section: 9.30 am – 4.30 pm
- Self –financing Section (Jubilee Block): 9.30 am – 4.30 pm

The Library remains closed during Sundays, Second Saturdays and Public Holidays.

❖ **Layout of the Library**

The Library is divided into four Sections: General, Science, English and Self-financing. The General Section holds general, multidisciplinary, language and literature books in Malayalam, Sanskrit and Hindi along with the books in humanities and social sciences. This section also has a rich collection of reference books. The Science section contains volumes in Natural, Physical, Mathematical and Computer Sciences as well as Applied Sciences and Technology. The English section possesses resources in English Language and Literature. The Self-financing Section of the Library has books in the disciplines of Social Work, Electronics, Computer Applications, Business and Media Studies.

E-resources subscribed at the College can be accessed through 32 terminals in the IT zone of the General Section and 7 in Science Section of the Library.

❖ **Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently-abled users and mode of access to collection)**

Access to different Sections of the Library is displayed at the entrance of the College through clearly laid out floor plan. Layout of the Sections is displayed at the entrance of each section. Adequate signage is provided to the collection of library materials at the places where clarifications are required. A fully touch and voice recognizable PC for differently-abled persons funded by Higher Education for Persons with Special Needs (HEPSN) is available at Library. The Library provides

open access to its materials where users can freely browse among the stack and select the documents themselves which they require.

4.2.3 Give details on the library holdings

Total number of volumes – 93157

- Print (Books, back volumes and theses) -93007
- Non print: 150
- Electronic (e-books, e-Journals) – Subscriptions through National Library and Information Services Infrastructure for Scholarly Content (N-LIST) of Information and Library Network (INFLIBNET), International Monetary Fund's (IMF) e-Library and Sage online Journals
- Special collection – Efforts to create a special collection of century old books are in progress.

Book banks in departments

Departments	No. of Books
Commerce	400+4 Journals
Economics	70
Zoology	70

Departments	No. of Books
Computer Science	125
Mathematics	140
Physics	600

4.2.4 What tools does the library deploy to provide access to the collection?

❖ OPAC

The Library deployed an Online Public Access Catalogue (OPAC) to help the users to search and trace the documents they require. The OPAC is enriched with the content from online books, which help the users to choose the documents with relevant information.

❖ Electronic Resource Management package for e-journals

The Library is subscribing to National Library and Information Services Infrastructure for Scholarly Content (N-LIST) of INFLIBNET which provides access to more than 6000 e-journals and 97000 e-books.

❖ Federated searching tools to search articles in multiple databases

The Library have initiated efforts to create a federated search engine based on *VuFind* encompassing the online catalogue of the Library, N-LIST database and other web resources.

❖ Library Website

The Library is in the process of creation of a website providing information regarding different sections of the Library, Physical and Online Resources and links to various e-resources.

❖ In-house/remote access to e-publications

The Library provides remote access to the subscribed e-resources through INFLIBNET N-LIST, International Monetary Fund's (IMF) e-Library and Sage Online Journals.

4.2.5 To what extent is the ICT deployed in the Library?

❖ Library automation

The housekeeping operations of the Library are automated with the open source software *Koha*, which also provides web resource supported searchable catalogue enriched with online web contents.

❖ Total number of computers for public access

There are a total number of 40 computers in different sections of the Library for public access.

❖ **Total number of printers for public access**

The College has networked printer which facilitates printing from different locations.

❖ **Internet band width speed**

An internet connection with a speed of 10 Mbps is available for public access through public access computer terminals

❖ **Institutional Repository**

The Department of Library is setting up an institutional repository of question papers, faculty articles, PG dissertations and PhD theses.

❖ **Content management system for e-learning**

At present, learning resources made by the faculty are available in the academic management system, *Linways*. A dedicated content management system for e-resources based on *Moodle* is in pipeline.

❖ **Participation in Resource sharing networks/consortia**

The Library is subscribing to National Library and Information Services Infrastructure for Scholarly Content (N-LIST) of INFLIBNET which provides access to more than 6000 e-journals and 97000 e-books.

4.2.6 Provide details (per month) with regard to

- ❖ Average number of walk-ins – 4560
- ❖ Average number of books issued/returned -270 books per day in 22 days = 5940 books
- ❖ Ratio of library books to students enrolled – $93157/3000 = 31:1$
- ❖ Average number of books added during last three years – $1840 / 3 = 613$ / year
- ❖ Average number of login to OPAC – $40 / \text{day} = 1200$
- ❖ Average number of login to e-resources – $30 / \text{day} = 900$
- ❖ Average number of e-resources downloaded/printed – $27003 / 51 \text{ months} = 530$ per month
- ❖ Number of information literacy trainings organized – 6

4.2.7 Give details of the specialised services provided by the Library

- Reference – The reference services are provided on request. The Librarian provides and assists information search services for those who require specific information. Most of the staff and students avail the reference services. Requests for literature search and books which are not available in the Library are encountered very often and almost all of these information requests are fulfilled by the Department of Library.
- Reprography – Reprographic facilities like photocopying, printing and scanning are available in the College.
- Information deployment and notifications - Notifications of seminars/conferences/workshops are available in the Library.
- OPAC – Online Public Access Catalogue is accessible to students, teachers and the public through the College website.
- Internet Access - The Department of Library provides free internet access to all students and staff of the College through 40 terminals.
- Downloads – Downloading of academic data is possible in e-library. The users can download the articles, data or other documents and print them
- Printouts - Printing facility available for students at reduced rates.
- In-house/remote access to e-resources - The users can access library catalogue even from remote places. INFLIBNET N-LIST and other online journals are

also accessible to users from their respective locations.

- User orientation - The Department of Library conducts user orientation programmes to give awareness about the library resources to the users.
- Assistance in searching databases - The Librarian provides assistance in searching databases to those required.
- INFLIBNET/IUC facilities - E-resources in N-LIST of INFLIBNET is available for researchers, students and teachers with remote access.
- Plagiarism check – The Department of Library provides its users with 'originality report' after checking their articles for plagiarism. This helps them greatly to avoid unintentional plagiarism.
- Citation Analysis – The Librarian compiled and maintains the list of publications of the faculty and researchers of the College in Google Scholar so as to obtain their citation count. This innovative service is helpful in obtaining the citation metrics of the intellectual output of the College.

4.2.8 Provide details on the annual library budget and the amount spent for purchasing new books and journals.

The Department of Library is allotted with a fair amount for acquiring various types of information sources from all grants received by the College. The Department uses funds from University Grants Commission (UGC), Department of Science and Technology – Fund for Improvement of Science and Technology Infrastructure in Universities and Higher Educational Institutions (DST-FIST), Personal Deposit (PD) Accounts and the Management for purchasing books, subscribing journals and periodicals and acquiring online journals and databases.

Usually 60 percentage of the funds received are allotted for purchasing books and 20 percentage is used for the subscription of journals and periodicals. About 2% is used for the subscription of e-journals and online databases. Almost 8% percentage of the funds is used for infrastructural development and another 8% is set apart for binding. 2% is spent on the stationery items.

The following table shows the expenditure of purchasing books and journals from 2010-11 to 2014-15

Source of Funds	2010-11	2011-12	2012-13	2013-14	2014-15
UGC	104399	975973	18597	57325	553113
DST-FIST	64000	-	-	-	49325
PD Accounts	69705	53489	150303	84734	81255
Total (In Rupees)	2,38,104	10,29,462	1,68,900	1,42,059	6,83,693

4.2.9 Does the Library get the feedback from its users? If yes, how is it analyzed and used for improving the Library services.

The Department of Library conducts surveys to collect feedback about Library facilities from users. The suggestions, complaints, opinions and recommendations are discussed during Library Advisory Committee (LAC) meetings and decisions are made based on these feedback. All the suggestions which are feasible are implemented without any lag.

4.2.10 List the infrastructural development of the Library over the last four years.

The e-library for accessing internet was created in 2013. The Library has been

automated in the year 2014-15 using open source library automation software, *Koha*. Barcode labels were printed and affixed on the books and four barcode readers were purchased for the circulation process. Two journal display racks and three book shelves were also purchased during the year 2014-15.

4.2.11 Did the Library organize workshop/s for students, teachers, and administrative staff of the College to facilitate better Library usage?

The Library regularly conducts orientation programmes for the students, research scholars, teachers and administrative staff. Library orientation courses for newly admitted students are conducted immediately after they join the College. The new comers are familiarized with the resources and facilities available in the College Library in detail.

Future Plans

The Department of Library plans to initiate:

- A Library section for Media with movies and other multimedia content,
- An Online Magazine for the students of the College to exhibit their literary and artistic skills,
- An Institutional Repository showcasing the scholarly works of the academia of the College,
- Online availability of news clippings about the College,
- Online Database of previous years' question papers,
- A consistent medium to document and present data on the research atmosphere of the College,
- A Union Catalogue of all Libraries in Thrissur Municipal Corporation,
- A Union Catalogue of all digitised documents in Thrissur Municipal Corporation,
- A Publication Division for the College to publish articles and books by the members of the faculty and researchers, and
- A Central Library with all modern amenities in the proposed Centenary Campus.

4.3 IT Infrastructure

The College has a well-organized computer facility with a view to help the students by automating its day-to-day operations and keeping pace with the advancements in information and communication technologies (ICT). All the Departments and PG classrooms are provided with computers and LCD projectors. They are also provided with wired internet computer facilities, printers and scanners in addition to Wi-Fi connections. The College office is automated with two servers, twenty computers, printers, scanners, copying and facsimile machines. There are LED displays for public notifications in two Blocks of the College. A centralized public announcement system is helpful in inviting the attention of academia whenever required.

The College has seven fully equipped Computer Laboratories: two air conditioned Laboratories at Department of Computer Applications, one each at Departments of Computer Science, Electronics, Library, Statistics and Visual Communication. The computer-student ratio in the computer laboratories is 1:1. They are open from 9 a.m. to 5 p.m. There are Add-on courses in Computer Studies to enable the students to master the basic computer skills. The students are also imparted basic computer skills in most of the Departments. Training programmes are arranged

for the staff from time to time in computer operations in collaboration with KELTRON and other organizations.

4.3.1 Does the College have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

The College has a comprehensive IT policy regarding service, data, security, network security, software management and risk management. The College uses authentic software, firewalls and authentication codes. The College is strictly against piracy of software and adheres to the standards of national IT policies. Important files regarding admission and marks are stored with backup files in separate storage devices. The admission procedure, attendance, uploading of internal marks and examination application are processed online and is ensured to be error free and protected from hackers.

The IT services of the College like online academic management system and website is managed by reputable and responsible national IT firms. Integrated Library Management System of the College is managed in-house by the Department of Library.

4.3.2 Give details of the College's computing facilities (hardware and software).

❖ **Computer-student ratio** – The ratio of total computers available to all students enrolled is 1:10

❖ **Dedicated computing facility**

The details of computer hardware at the College for dedicated computing:

Department	Server	PC	Thin Clients	Laptops	Total
Botany		3		1	4
Chemistry		5			5
Commerce		13		1	14
Computer Applications		48			48
Computer Science	1	48	13	2	64
Library		6	40		46
Electronics		19			19
Mathematics		8			8
Physics		12		1	13
Statistics		13		1	14
Zoology		8		2	10
Visual Communication		35		3	38
Office	2	20		3	25
Total	3	238	53	14	308

❖ **LAN facility** - Dedicated Optical Fibre Cable (OFC) with 10 Mbps speed

❖ **Wi-Fi facility** – All Departments are enabled with Wi-Fi

❖ **Proprietary software / Open source software**

The details of proprietary and open source software packages used at the College for managing various functions are given:

Proprietary Software

The College uses Microsoft Volume license scheme for educational institutions for its office applications. The Academic Management System (AMS) is maintained by *Linways* Technologies. It has facilities for online attendance marking, application process for undergraduate and post graduate admissions, application process for examinations, registration, publication of results etc. Department of Computer Science Laboratory has a 10 user license of Matlab and its 13 toolkits worth Rs. 7 lakhs. Department of Statistics uses IBM SPSS version 22 worth Rs. 3 lakhs, in addition to Mathcad, Mathematica and Minitab.

Open Source Software

The Department of Library uses *Koha* for maintaining its Integrated Library Management System to promote open source technologies as per National Policy on Information Technology. The Library has also installed *DSpace* for starting institutional repository system for the College and *Drupal* for maintaining its content management system which are in pipeline. Departments of Mathematics and Statistics use C, MikTex, Python, R and Latex for programming.

Intercom facility and Static IP:

The College has Intercom facility between all its blocks and departments. The College acquired a static IP address for managing its computer server and providing global access to shareable resources.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The Management is planning to build a Centenary Computer Laboratory which can house 500 students at a time. This will cater to the requirements of the College to conduct online examinations, feedback, examination valuation and it is also hoped that various governmental and non-governmental agencies can use this facility for conducting online competitive examinations. There are also plans to engage students in networking and maintenance of this facility.

4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

Online Journals and Books through INFLIBNET N-LIST facility are accessible to all faculty and students. PowerPoint Presentations and study materials for students are uploaded in online academic management system *Linways* which can be accessed by students. The research papers and articles published by teachers are also uploaded for the use of others. The Librarian of the College diligently gives orientation classes for teachers and students on the effective use of e-books and e-journals. Department of Library also takes initiatives to conscientise about research publications, citations, predatory journals and plagiarism. The Department also gives access to plagiarism detection software for research guides of the College.

4.3.5 Give details on the ICT enabled classrooms/learning spaces available within the College and how they are utilized for enhancing the quality of teaching and learning.

Every Department of the College has two classrooms each with LCD Projectors. The College also has five halls with LCD Projectors and Screens. In addition to these, the College has seven fully equipped Computer Laboratories: two Laboratories at Department of Computer Applications, one each at Departments of

Computer Science, Electronics, Library, Statistics and Visual Communication, which are open from 9 a.m. to 5 p.m.

Teachers are diligent in using IT facilities provided to them. While teaching, faculty members are now resorting more to visual aids like presentations, movies, documentaries and online videos with enhanced academic content. Teachers are also resorting to reliable online teaching materials available from the internet. There are DVDs and CDs specifically meant for study purposes used by teachers.

4.3.6 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?

With the help of educational DVDs, CDs and internet teachers are able to show videos in classes. Printers are used for printing study materials and LCD projectors are used for projecting presentations and videos. Faculty members email their study material and flyers to students beforehand. The Librarian gives orientation to students on learning materials available in College Library.

4.3.7 How are the computers and their accessories maintained? (AMC, etc.)

The computers and accessories are maintained in-house by the staff of the College itself. For this, the College has appointed technical staff who are trained in hardware and software maintenance.

4.3.8 Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

The College avails 10 Mbps bandwidth internet connectivity under National Mission on Education through Information and Communication Technologies (NME-ICT) of Ministry of Human Resource Development, Government of India.

4.3.9 Provide details of the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

The College has allocated adequate resources for implementing ICT in its academic and administrative functions. Various funds from UGC, DST, Management etc. are used for purchasing new computers and peripherals. The annual budget for update, deployment and maintenance of the computers in the College during 2014-15 is given. (Items mentioned in Sl. Nos. 1-7 recur every year.)

Sl. No.	Item	Amount
1	Academic Management System	550000
2	System Upgradation and Maintenance	200000
3	Microsoft Volume Licensing Service (MVLS)	150000
4	Internet Facility (75 % cost sharing by NMEICT of MHRD)*	25000
5	Online Space for Webhosting	16000
6	Static IP Address	1500
7	Domain Names	700
8	Matlab (10 user license) and 13 Toolkits	700000
9	IBM SPSS version 22	300000

*Internet Facility (75 % cost sharing by Central Government) under National Mission on Education through Information and Communication Technologies of Ministry of Human Resource Development, Government of India.

4.4 Maintenance of Campus Facilities

4.4.1 Does the College have an Estate Office / designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The Management has appointed a Bursar as the Finance Officer who is in charge of all the bursaries, physical infrastructure maintenance and improvements. A team of professionally qualified engineers, architects and designers help the Bursar to maintain the physical infrastructure.

The College adopts various methods for fund mobilisation and the amount thus collected is properly utilized for the purpose of maintenance. The funds from the Management, contributions and fees from students of self financing courses, funds from the UGC, the PTA, Alumni, well-wishers, the University etc are thus utilised for the maintenance and up-gradation of the infrastructure of the College. The PTA contributes to infrastructure improvement in classroom for installation of fans, water purifiers and coolers, public address system, renovation of toilets etc. The best-maintained classroom is given a prize by the PTA.

4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

The College has its own staff for maintenance and repair of infrastructure facilities and equipments. The Management has appointed a mason, a carpenter, a electrician, a plumber, a gardener, 4 sweepers and 4 security staff who work on daily wage basis. They are entrusted with the timely needs and requirements.

Any additional information regarding Infrastructure and Learning Resources, which the institution would like to include.

Details of the Laboratories and Valuable Equipments in various Departments are given:

Department of Chemistry

The Department of Chemistry has well fledged Instrumentation Laboratories with instruments like IR, UV, Gas Chromatography Mass Spectrometry (GC-MS), Potentiostat, Magnetic Balance etc and a DST-FIST supported Instrumentation Laboratory. The Department also has a Seminar Hall with LED screen.

Department of Physics

Department of Physics has separate full fledged Laboratories for BSc Core, BSc Complementary and for MSc. There are twelve computers in the Computer lab of Physics Department with internet connections. All of the rooms have enough infrastructural facilities like the lab equipments for the practical studies, computers and over head projector etc. The Laboratories are provided with safety measures like fire extinguisher, first aid boxes etc.

Details of equipments at Department of Physics:

Keithley Source Meter	Optical Detector, Model 1918R Newport, USA
Spin Coating Unit	Optical Prism Coupling Instrument
Dip Coating Unit	Four Probe setup for Conductivity Measurement

Tubular Furnace	Franck Hertz experimental Set up
Hot Air Oven	Dielectric Constant Measurement Set up
Microwave Experimental Lab Set-up	Hall Measurement System
Electronic Beam Balance (Shimadzu)	Chemical Bath Deposition Set-up
He-Ne Laser (5 mW)	Geiger Muller Counter
Diode Pumped Solid State (DPSS) Laser Green 10mW	Electron Spin Resonance Meter
Laser Power Meter	Quinke's Tube Method for Magnetic Susceptibility Measurement

Department of Botany

The Department has Laboratories for UG, UG Complimentary, PG and for Research Scholars. The lab studies using microscopes can be projected on to the LCD screen using computerized stereo microscopes and digital compound microscopes. In its Tissue Culture Laboratory with inoculation and culture rooms, Department has Trinocular Microscopes, Digital Microscopes, Colorimeters, Electrophoresis Systems, Laminar Air Flow Chamber, Hot Air Oven, Water Baths, Autoclave, Inoculation Hoods and Orbital Shaker.

Details of equipments at Sophisticated Instrumentation Facility Centre (SIFC)

A common FIST funded Biotechnology Laboratory under Sophisticated Instrumentation Facility Centre (SIFC) is available for Departments of Botany and Zoology which has facilities like Refrigeration and -84 Cooling Unit, UV/IR Spectrophotometer, Distillation Unit, Sophisticated Digital Microscopes etc.

Details of some equipment are given:

Equipment	Make	Cost
Centrifuge 5430R With Two Rotors	Eppendorf India	3,75,000/-
Gel Doc EZ Imaging System With Image Lab 4.1 Software And Laptop	Crescent Lab Equipments	5,68,400/-
Leica S8 Apochromatic Stereozoom Microscope	Bions Medical Systems	8,50,000/-
Shimadzu UV-VIS Spectrophotometer	Toshvin Analytical	4,50,000/-
SLR Camera and Accessories	Photolink	5,28,200/-
E-Weighing Balance Shimadzu ATX 224	Professional Scientific	2,43,000/-
Polymerase chain reaction Machine 96-Well Thermal Cycler	Applied Biosystems Veriti	3,65,000/-
Deep Freezer-20		90,000/-
BOD – Incubator		75,000/-
Laminar Air Flow		65,000/-

Specialized Equipments under B. Voc. Funding in Department of Zoology

SI No	Item	Company & Model	Cost
1.	Spectro Photometer	Systronics Visiscan -167	80000
2.	Microscope	Labomed - Lx-300	25 Nos X 30000 =750000
3.	Microtome	Yorco Ysi-115	2 Nos X 80000 =160000
5.	Semiautoanalyser-175	BSI 3000 Evolution	175000

Department of Visual Communication

The Department has two Computer Laboratories, a Studio Floor and an Audio Laboratory. The Media Laboratory of the Department boasts of professional Recording Studio, Editing Suites, Shooting Floor, Lighting Systems, Soft-box for Photography and eight Professional Cameras. There are 6 professional Graphics Computers, 3 High Definition Camcorders, 2 Professional Camcorders, 6 DSLR Cameras, 6 Projectors, 5 LCD Televisions, Microphones, Light Equipments like Studio Lights, Audio Devices like Amplifiers and Speakers and Tripods and Monopods. In addition there is a Computer Laboratory with 34 computers.

Post-reaccreditation Activities

After the reaccreditation in 2011, the following were added to the existing infrastructure:

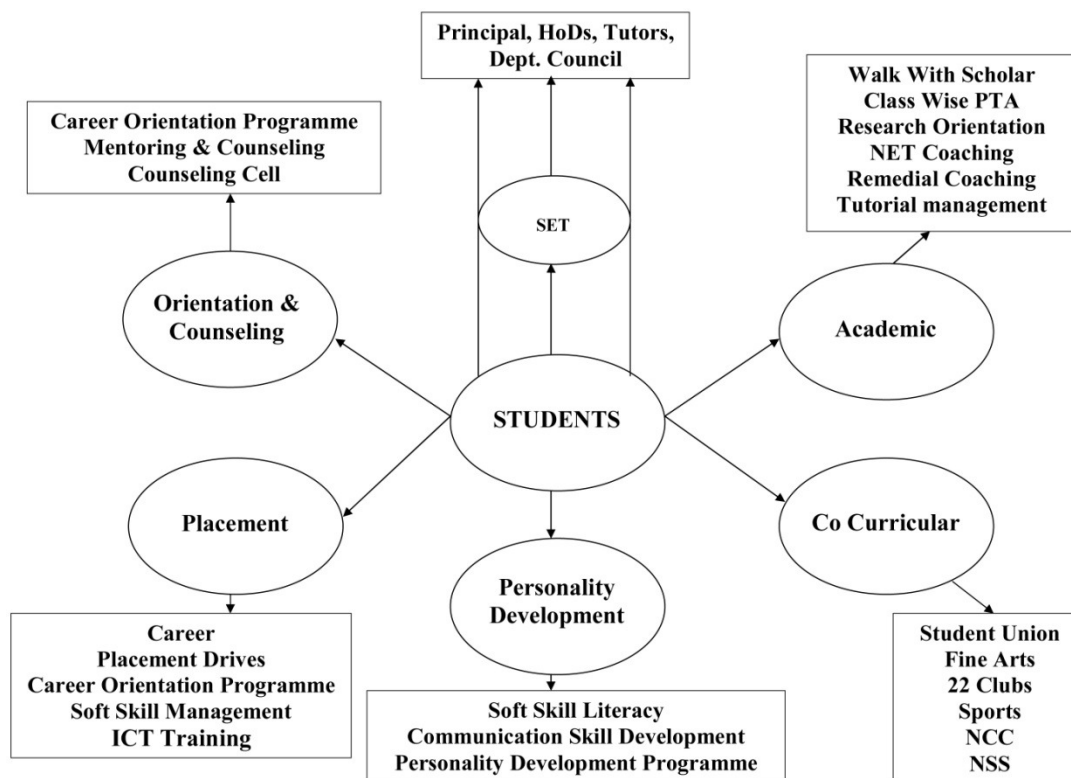
- An open air theatre named *Gandhi Smriti* was opened in 2013, in memory of Mahatma's visit to the College on 14th October, 1927.
- Four halls namely Mar Francis Vazhappilly Hall, Mar George Alappatt Hall, Mar Joseph Kundukulam Hall and Haritham Hall as well as Msgr. John Palocaren Square were added.
- An Automated Teller Machine (ATM) of State Bank of India has been installed in the College campus which is meant for the staff, students and the general public.
- E-library for accessing online information resources was constructed.
- Pavements and Ramps have been constructed in the Administrative and Academic Blocks.
- New Rest Rooms for boys and girls have been created in Administrative and Academic Blocks.
- New Rooms for Vice Principals, General Staff, Guests and Counseling were added.
- Prayer Hall has been added.
- Computer Laboratories for Botany, Zoology, Chemistry, Mathematics and Statistics were constructed. Computer Science Laboratory was expanded significantly.
- Laboratories of Chemistry, Botany and Zoology were constructed with the support of DST-FIST.
- Gas Chromatography-Mass Spectrometry (GC-MS) facility was added with support of UGC.
- Menacherry Hall, Laboratories, Canteen and Gents and Ladies Toilets were renovated.

Centenary Campus

The Management is planning for a Centenary Campus which will start functioning from 2019 onwards built in a calm and quiet atmosphere a little away from the present City Campus. Maintaining the present city campus, the Science Departments and Research Centres will be shifted to the new campus along with a Centralised Library, Extensive Language Laboratory and Global Level Laboratories. Meanwhile, there are also plans to roof the entire area of the Academic Block which will avail the College an auditorium which can accommodate around 2000 people and an additional floor above the Academic Block.

CRITERION V**STUDENT SUPPORT AND PROGRESSION****5.1 Student Mentoring and Support**

5.1.1 Does the College have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?



The College has systematically built up a coherent organization for student mentoring and support on the basis of tutorial practices. The multi-layered structure of the support system is laterally and horizontally active.

As part of Class Mentoring a teacher focuses on the following as an initial step:

- The academic background of the student is properly analysed and studied.
- Familial background of the student is treated as a crucial factor in the shaping of identity.
- Socio-economic background of the student is also studied in relation to the students' access to information and facilities.
- For further mentoring a teacher gives additional support in terms of personal counselling
- Guidance in curricular and co-curricular activities
- Class-wise PTAs which are convened at the beginning of all semesters.

- Student to student mentoring is placed as a strategic intervention into the students' curricular and co-curricular life and those students who are high performers help students who underperform based on the guidance given by teachers.

5.1.2 What provisions exist for academic mentoring apart from class room work?

- Library training enables the students to familiarize with the resources of library. Librarian gives this training to all incoming students at the beginning of academic sessions.
- Remedial Coaching: Teachers give remedial coaching to students who underperform beyond classroom lectures.
- Grooming Workshops: The College provides plenty of opportunities for students to develop soft and communication skills. Eminent personalities are invited to interact with students during the grooming sessions.
- Arts Training: Students who are artistically inclined are given training in arts and extracurricular cultural activities. The 22 clubs in the College act as hubs for such activities.
- Career Orientation: Employability Skills and Personality Enrichment Programme (ESPEP) by Career Guidance and Placement Cell to develop personality and skills for the students.
- Academic tours, laboratory visits and industry interaction of students are some of the programmes that help them in gaining out of the classroom academic training.

5.1.3 Does the College provide personal enhancement and development schemes for students? If yes, describe techniques employed e.g., career counselling, soft skill development, etc.

- Employability Skills and Personality Enrichment Programme (ESPEP) by Career Guidance and Placement Cell: ESPEP is an initiative by Career Guidance and Placement Cell to encourage students to develop personality and soft skills. This initiative also helps students to advance in their careers.
- Communication Skill Development Programme (CSDP): It encourages students to develop their communication skills to appear for the global and national research environments, job markets and future career.
- Soft Skill Development Programme: Apart from ESPEP soft skills programmes are frequently organized for the students.
- 22 clubs under four rubrics: To provide focus and orientation to various talents that students have, the College founded 22 clubs based on Environmental, Creative, Social and Fine Arts aspects:

Environmental	Creative	Social	Fine Arts
Adventure Health Nature Organic Farming Energy & Environment	Cookery Readers Writers Drawing Embroidery Fashion Designing	Entrepreneurship IT Science Tourism Quiz Antique	Dance Drama Film Music Oratory & Debate

- **ASAP:** ASAP Level 1 Programme, which commenced in 2012, is a combination of three courses, namely, Communication Skills in English, Basic IT and an Elective Domain Specific Skill Course. The Programmes are developed, delivered, assessed and certified with the active participation of the related industries to ensure labour market acceptance of the programmes. By imparting communication skills in English and Basic IT courses to a large student community, the project envisages to create a large talent pool that can work in modern day organizations that promote a global work environment. By choice, student groups receive sector specific skills that further enable them to be employable and industry ready. There are 35 and 27 students in the two batches respectively after the course was started.
- **SASAP (Santhome Academic and Social Assistance Programme):** A number of teachers and students from the College give free academic support for students at St. Anne's Orphanage, West Fort, Thrissur. This enables the students of the College to interact with high school students and get training in teaching which would equip them for future teaching careers and to acquire a deeper sense of the society.
- **UGC NET Coaching:** Those students who cannot afford private UGC NET coaching classes are encouraged to attend coaching classes conducted by competent faculty from all the departments. Students who attended these courses have shown better performances in competitive exams and in class and they have found it useful in their future research career.

5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?

The prospectus and hand book is known as the College Manual and it consists of all significant information regarding the management, administration, academia, curricular and co-curricular activities and programmes. The College Manual also contains information regarding major events in the history of the College, details of retired teachers and non-teaching staff, structure and design of various committees for Discipline, UGC Coaching, Syllabus Monitoring, Service to the Community, Examination Monitoring, Fine Arts, Sports, Village Adoption, College Website, Admission, Documentation, Library etc. IQAC, Research Council, Equal Opportunity Cell, ASAP, Walk With a Scholar, Grievance Redressal and Women's Cell finds their place in the College Manual. The College Manual is an authentic document pertaining to the vision and mission of the college, education policy, and composition of various academic bodies in the autonomous system, academic calendar and the examination schedule. Most of the information available in the Manual are made online on the College Website.

5.1.5 Specify the type and number of scholarships / free-ships given to students (UG/PG/M.Phil/Ph.D./Diploma/others in tabular form) by the College Management during the last five years. Indicate whether the financial aid was available on time.

The College provides 111 scholarships, free-ships and endowments collected from teachers, alumni and other stakeholders:

Sl. No.	Name of the Endowment/Prize/Scholarship	No of Students Awarded	Department
1.	Bishop Alappat Prize	5	General
2.	Msgr. Palocaren Memorial Prize	5	General
3.	Rev. Fr. Ittyera Mampilly Prize	5	General
4.	Prof. M.K. Menon Scholarship	5	General
5.	Sri. Therattil J. Antony Scholarship	5	General
6.	Sri. P.M.S. Nadar Scholarship	5	General
7.	Sri. K.C. Vareed Scholarship	5	General
8.	The Co-operative Scholarship	5	General
9.	Rev. Fr. George Elamkunnappuzha Scholarship	5	General
10.	Prof. Chev. Joseph Pettah Memorial Endowment	5	General
11.	Msgr. Paul Chittilappilly Sacerdotal Silver Jubilee Memorial prize	5	General
12.	Fr. Paul Alappatt Sacerdotal Silver Jubilee Endowment	15	General
13.	Sri. E.D. Devassy Endowment	5	General
14.	Parameswara Menon Memorial Endowment	5	General
15.	His Grace Mar Joseph Kundukulam Endowment	5	General
16.	Rev. Dr. Antony Porathur Sacerdotal Silver Jubilee Endowment	15	General
17.	Sri. C.V. Simon Endowment	10	General
18.	Shri. T.M. Theyunni Nair award	5	General
19.	Platinum Jubilee Endowment Prize	5	General
20.	Rev. Fr. Antony Porathur PhD Endowment	5	General
21.	Sri A. P. Johnee Endowment Prize	5	General
22.	His Grace Mar Jacob Thoomkuzhy Sacerdotal Golden Jubilee Endowment	5	General
23.	Sri. A.M. Francis Endowment	5	General
24.	Msgr. John Palocaren Memorial Endowment Lecture	5	General
25.	Rev. Dr. Antony Porathur Memorial Endowment Lecture	5	General

The Old Students Association has instituted a number of Endowments and various departments have their own endowments and scholarships to support students of merit, weaker section and differently abled.

5.1.6 What number of students receives financial assistance from state government, central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)

The College offers a wide variety of scholarships and financial assistance from government to students from weaker sections of the society such as scheduled tribe, scheduled caste, OBC, OEC and BPL.

Sl No	Name of Scholarship	2014-2015	2013-2014	2012-2013	2011-2012	Amount per Head per Year
1	Post-Metric Scholarship	94	116	55	41	3000
2	C.H. Mohammed Koya	1	3	5	5	4000/5000
3	Suvarna Jubilee	30	42	37	39	10000
4	Hindi Scholarship	6	11	10	6	5000
5	Centre Sector Scholarship	173	62	55	41	10000/20000
6	Higher Education	27	14	12	9	20000/40000/60000
7	Inspire Scholarship	14	8	8	-	80000
8	UGC Rank Scholarship	2	1	-	-	20000
9	UGC Scholarship for Single Girl.	3	4	4	4	20000
10	State Merit Scholarship	-	-	-	1	1250
11	DMS	1	7	2	3	1250
12	SC Lump sum Grant	456	352	354	319	Nearly 10000
13	ST Lump sum Grant	11	8	3	4	"
14	OEC	14	15	7	26	"
15	KPCR-FC	413	517	598	584	All Type Fees Amount
16	OBC-SEBC	191	170	158	171	
17	Physically Handicapped	-	1	-	-	
18	Institute Fund	12	12	12	12	2000

5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?

The international students are admitted to the College through the Ministry of External Affairs and the Government. The College has an International Student Centre for foreign nationals studying in the College. The College utilized the opportunity of the Central Government initiative to teach foreign students in India by rigorously interacting with the Central Government. More and more students from abroad are showing interest to join the College. There is a separate section in the College office to deal with the international students.

Year	No. of International Students Admitted	Academic Programme
2010-2011	6 (Afghanistan)	BSc Computer Science
2011-2012	1 (Afghanistan)	BSc Computer Science
2012-2013	Nil	Nil
2013-2014	Nil	Nil
2014-2015	2 (Liberia)	BA Economics

5.1.8 What types of support services are available for

❖ Overseas Students

- The College provides hostel facility.
- Technical help wherever necessary regarding renewal of visa etc.
- Support for introducing Indian culture and tradition to these students and to acclimatize them to the new environment.

❖ Physically challenged / differently-abled students

- Reservation of seats as per the norms stipulated by Government of Kerala and the University of Calicut.
- Ramps for the Physically Challenged.
- Provision for scribes and extra time during examinations.
- Computer screen reader software for the visually challenged students in the library.
- Seminars to sensitize physically challenged students about their rights and privileges.

❖ SC/ST, OBC and economically weaker sections

- Follow the reservation criteria of the national and state government strictly.
- Special orientation programme for SC/ST students.
- Remedial Coaching for SC/ST students.
- Scholarships and Fee Concessions.
- Hostel accommodation for SC/ST students.

❖ Students to participate in various competitions/ conferences in India and abroad

- For students to attend seminars/conferences/workshops IQAC gives financial support.
- Teachers actively guide students in preparing their paper and posters for presentation.
- 165 students have won prizes in competitions/quizzes etc. at national and state level in the last five years.
- A student from the Physics Department attended the international conference.

❖ Health centre, health insurance etc.

- From 2014 onwards, all students in the College have insurance benefits of St. Thomas' Students Insurance Scheme (SSIS) under United India Insurance. This scheme covers accidents and related hospital expenses.
- A full-fledged Fitness Centre with all sophisticated amenities is open for students.
- Two Woman's Retiring Rooms with a sanitary napkin destroyer.

- Water Purifying System.
 - Sick Rooms with first aid facilities are available in both the blocks.
 - Free medical check-up for students every year.
 - Counselling Centre is situated in the Jubilee Block and one Counselling Cell is located in the Administrative Block.
 - ❖ **Skill development (spoken English, computer literacy, etc.)**
 - Additional Skill Acquisition Programme (ASAP)
 - Soft Skill Development
 - Communication Skill Development Programme (CSDP)
 - Advanced Certificate Courses
 - B.Voc. Programme in Medical Laboratory Technology and Digital Film Production
 - Community College Programme
 - Computer Skill training in library
 - ❖ **Performance enhancement for slow learners / students who are at risk of failure and dropouts**
 - Emotional and moral support
 - Remedial Coaching
 - Support through Tutorial System
 - Counselling
 - Scholar Support Programme
 - Special coaching for weaker sections.
 - ❖ **Exposure of students to other institutions of higher learning/corporates/business houses, etc.**
 - Physics Department students went to IIT, Madras.
 - English MA students attended workshop at IIT Madras and was financially supported by IQAC.
 - Various departments ensure student participation in seminars, workshops and conferences organized by other academic institutions of excellence.
 - Science departments usually conduct educational tours to institutes of science of national excellence.
 - Student internships and projects are conducted in major industries.
 - Academicians of excellence from other institutions are frequently invited to the College.
 - ❖ **Publication of student magazines**

There is an official students' College Magazine brought out by students' editor annually featuring articles, poems, short stories, etc. by eminent literary scholars, students and teachers. Apart from this there are class level magazines self-published by the students incorporating literary and artistic creations by students and teachers.
- 5.1.9 Does the College provide guidance / coaching classes for Civil Services, Defence Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?**
- NET Coaching Programme of St. Thomas' College has created remarkable outcome in the past few years. The NET Coaching Programme caters to the training of students by incorporating experts from outside the institution.
 - Total NET/JRF students qualified in the last five years: 81

- EXCEL – There is a Civil Service Examination Coaching given to school students by the former and existing faculty members of the College in collaboration with the educational agency, Archdiocese of Thrissur.
- Second level coaching is given to UG and PG students in collaboration with Institute for Psychological Empowerment Research and Training (IPERT).

5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as

❖ **Additional academic support, flexibility in examinations**

Students who go for extracurricular activities are given extra classes when necessary. They are given special permission and leave to attend coaching camps and sports events. Internal examinations are specially conducted for students who attend University level and above Sports and Arts Meets.

❖ **Special dietary requirements, sports uniform and materials**

Special diet suggested by dieticians is provided to sports personnel with different nutrition requirements. Sports uniforms, jerseys and other sports gears are made available for them. Sports students have special accommodation in the hostel. SAI sponsorship is available for sports facilities.

❖ **Any other**

- Outstanding sports personnel are given preference based on the University norms in the admission process.
- Sports Quota proposed by the Government and University are maintained consistently.
- Cricket, football, yoga, boxing, cycling, hockey etc. have special coaches and coaching camps.
- Grace Marks are given to students who are awarded prizes at University level and above.
- The Physical Education Department of St Thomas' College is awarded the best department in the University of Calicut.
- The success and contributions of these students are honoured and acknowledged by the departments, College, OSA and PTA.

5.1.11 Does the College have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The College has a vibrant Career Guidance and Placement Cell. It has immensely helped in getting placement to our students in high positions in industry and academics, nationally and internationally. The Career Guidance and Placement Cell consistently organizes placement drives in collaboration with industry.

The Cell provides soft skill and communication skill development programme regularly for final year UG and PG students.

- External Experts are invited to the College to shape up the soft skills of the students to enable them to participate successfully in interviews and group discussions.
- The College is planning to establish a finishing school taking into consideration the rigorous training required for the students to face the emerging job opportunities.
- Communication Skill Development Programme is a unique enterprise successfully conducted by the Career Guidance and Placement Cell.
- The Career Guidance and Placement Cell frequently organizes workshops and

seminars on various aspects of job interviews, career opportunities, emerging job areas and details of short term courses available.

- Specialises in organizing placement drives for the last 8 years in the IT Sector. All major IT companies such as WIPRO, INFOSYS, TCS and various nationalized banks have taken 478 students through Career Guidance and Placement Cell placement drives.
- There is an Entrepreneurship Development Club in the College which grooms students to face the competitive world after they finish their studies at the College. They are encouraged to begin start-ups and they are given workshops for the same.

5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last five years).

St. Thomas' College is providing ample opportunities to its students in attaining their career goal. Several prestigious organizations and companies are regularly recruiting students from the campus. Highly reputed companies like Wipro Technologies, Infosys Bangalore, South Indian Bank, Federal Bank, Reliance Group, Asian Paints, MRF, TCS, ASAP etc. regularly visit the College for recruiting young talents. About 100 students get placement every year from the campus. Students from the College also got overseas placement in the Landmark Group of Companies, Dubai during the year 2012 and are working in the different Emirates of UAE. Apart from providing placements to students, the Career Guidance and Placement Cell, is also playing a crucial role in the overall personality development of students through several life skills and soft skills seminars and communication workshops. Employability Skills and Personality Enrichment Programme (ESPEP) is the brain child of the Cell which imparts programmes every year for the overall personality development of the students.

CAMPUS PLACEMENTS (Year wise intake)

2010-11

Sl.No.	Name of the Company	Student Intake
1.	Wipro	17
2.	Infosys	9
3.	Reliance	8
4.	ICICI Bank	4
Total		38

2011-12

Sl.No.	Name of the Company	Student Intake
1.	Wipro	14
2.	Infosys	8
3.	SBI Life	9
4.	ICICI Prudential	4
5.	South Indian Bank	31
6.	Eureka Forbes	30

7.	Landmark Group, Dubai	16
8.	Asian Paints	2
Total		114

2012-13

Sl.No.	Name of the Company	Student Intake
1.	Wipro	19
2.	Federal Bank	1
3.	SBI Life	8
4.	South Indian Bank	30
5.	MRF Ltd.	8
6.	Spandana Spoorthy Ltd	16
7.	Reliance Communications	4
8.	TCS	1
9.	ASAP (Kerala Government)	12
Total		99

2013-14

Sl.No.	Name of the Company	Student Intake
1.	Wipro	22
2.	South Indian Bank	36
3.	ASAP (Kerala Government)	5
4.	KPMG	2
5.	Federal Bank	1
6.	TCS	1
Total		67

2014-15

Sl.No.	Name of the Company	Student Intake
1.	Wipro	70
2.	Infosys Technologies	19
3.	MRF	7
4.	Blue Dart Express	2
5.	Federal Bank	1
6.	TCS	8
7.	ICICI Bank	5
8.	VWR International	5
Total		117

5.1.13 Does the College have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?

- There is an Alumni Organization named OSA (Old Students' Association) which represents the vast number of alumni of the College. It is an active body with members regularly gathering for various programmes. OSA conducts its annual meetings and seminars and conferences related to the institution.
- The members of the Alumni are represented in the various administrative and academic bodies of the College.
- The OSA has initiated scholarships and financial support to needy students.
- They contribute rigorously to the development of department facilities and infrastructure of the College.
- Individual departments have their own Alumni associations and programmes, for instance, English Alumni Association celebrated its 50th PG Anniversary ('Home Coming') by inviting all the former PG students.

5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

The College has a Grievance Redressal Cell (GRC) which promptly addresses the grievances, issues and problems raised by the students. The GRC consists of a convenor, five members from the staff and student representatives.

- Better toilet facilities – The need for better toilet facilities was raised by students and the issue was resolved by constructing more toilets with better facilities.
- Special ladies' retiring room – A request by the female students for a retiring room granted by constructing a new ladies' retiring room.
- Canteen facility – Renewed and reconstructed the canteen based on the suggestions by students.
- Better lighting during rainy season and ceiling fans during summer season – New CFL, LED lights and ceiling fans have been supplied to classes.

5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?

The Women's Cell in the College attempts to sensitize students against sexual harassment and to prevent all such harassments by incorporating faculty, students and parents. The Cell frequently organizes awareness programmes for female students and their problems are actively sought. Whenever there are any such complaints the Cell takes strict action and adopts legal procedure based on the issue.

5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The anti-ragging cell comprises of the Principal, faculty Members, PTA and students' representatives. The College is keen on curbing ragging, bullying and student harassment from the College. The Anti-Ragging Cell visits classrooms, playground and hostels frequently to avoid the terrors of ragging, more so during the admission period.

Orientation Programmes are organized for all students especially for the fresher students to make them aware of their rights and privileges.

Parents are also encouraged to react against the perils of ragging.

At the time of admission students are directed to sign an undertaking that they will not indulge in the vicious practice of ragging.

The college has taken all measures proposed by the UGC to prevent ragging.

5.1.17 How does the College elicit the cooperation from all stakeholders to ensure development of the students considering the curricular and co-curricular activities, research orientation etc.

Parents

Class-wise PTAs ensure wholehearted cooperation of parents in the holistic development of students. Apart from this, there is a general PTA which considers the student community as a whole and represents the requirements and demands of all parents in the management and administration. All parents are requested to be present at the time of admission and during the orientation session for the new comers. All the parents are invited to join classwise PTA at the end of each semester. Parents are frequently informed of the academic progress and career opportunities of their wards through email, College Website, SMS etc.

Industry

Representatives of the industry are included in various administrative bodies such as Boards of Studies, Academic Council and IQAC.

They are also frequently invited to interact with students and faculty and the Career Guidance and Placement Cell is the platform which brings students and industry together.

Local Community

The College is consistently in touch with the local community through outreach programmes under the initiative of SFS. Other than this the various student projects and research activities are designed to have as much community incorporation as possible. The various departments of the College conduct frequent orientation programmes at Vellakarithadam Village.

The MSW Department is actively involved in extension activities which integrate College and Students' activities with that of the local community.

Alumni

The Alumni because of their close interaction with the College has been immensely helpful in providing infrastructural facilities for various departments. The Alumni who assume positions in industry and academia have a seminal role in organizing student placements and internships. They are part of academic bodies such as Boards of Studies and Academic Council.

Eminent Alumni come to the College, interact with students and give inspirational talks.

Academic and Administrative Staff

The staff serves as the linkage between students, management, parents and industry and facilitates activities and opportunities for students.

The administrative staff has a crucial role in providing infrastructural and technical support for students.

5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?

There is a Fine Arts Advisory Board with student representatives, representatives of teachers and the Principal and this board engages with the fine arts and cultural activities of the college.

Fine Arts Festival: Every year the College conducts competitions in various categories of Fine Arts. Students who are selected as winners in these competitions are encouraged to appear for higher level competitions. By providing infrastructural facilities and financial support the College persuades the students to develop their interest in cultural and artistic endeavours.

Sports and Games Week: The College organizes Sports and Games Week every year by incorporating sports and games competitions for students. There is active participation from the part of students and the winners are selected for appearing in University level competitions. The College makes sure that every effort, including financial and infrastructural support, is given to encourage sports and games among students.

There are 22 clubs in the College which are meant to widen the artistic and extracurricular activities of the students. They are Environmental Clubs like Adventure Club, Health Club, Nature Club, Organic Farming Club and Energy & Environment Club; Creative Clubs like Cookery Club, Readers Club, Writers Club, Drawing Club, Embroidery Club and Fashion Designing Club; Social Clubs like Entrepreneurship Club, IT Club, Science Club, Tourism Club, Quiz Club and Antique Club and Fine Arts Clubs like Dance Club, Drama Club, Film Club, Music Club and Oratory & Debate Club.

D-zone, University and National Level Competitions: Students of the College have won prizes in various sports and arts competitions conducted at Zone, University and National Levels.

The Physical Education Department of the College is awarded as the best Physical Education Department under Calicut University. The Department has sportsmen of national level repute and some of them have participated and won prizes at international sports meets.

Food Festival and Film Festival: Food Festival and Film Festival are annual events which inspire students to reinvent and savour the pleasures of cooking and the aesthetics of cinema respectively. Both the programmes have live participation from the students and the food festival attracts teachers and people from outside.

5.1.19 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provide details of sports and cultural activities in which such efforts were made?

The College attempts to ensure the participation of women in all realms of co-curricular activities such as sports, arts, yoga and special competitions are introduced for the better participation of female students. NCC and NSS have started special wings for women and that increased significantly their participation.

Sl. No.	Activity	Number of Women
1	Arts	432
2	Sports	105
3	Yoga	35
4	NCC / NSS	180



Sl No	Name	Department	Year	Item	National/ South Zone /State/ University / Zonal level	Position/ Prize
1.	Aswin Kumar K A	Physics	2011	Group Eastern Song	University	1st
2.	Parvathy G	English	2012	Eastern Band	South Zone	1st
3.	Sigha Prabhakar	English	2012	Western band	South Zone	1st
4.	Nisha Sunny	Commerce	2012	Hindi Elocution	University	2nd
5.	Catherine Jacob	Commerce	2012	Oppana	Zonal	2nd
6.	Sariga Girish	Electronics	2012	Indian Light Music, Vocal	Zonal	3rd
7.	Nihara P	Commerce	2013	Western Band	National	3rd
8.	Nihara P	Commerce	2013	Western Solo	National	3rd
9.	Parvathy G	English	2013	Eastern Band	South Zone	1st
10.	Sigha Prabhakar	English	2013	Western band	South Zone	1st
11.	Lamees T P	English	2013	Western band	South Zone	1st
12.	Faby Babu	Commerce	2013	Western Solo	South Zone	3rd
13.	Nihara P	Commerce	2013	Western Solo	South Zone	3rd
14.	Moncy Sammuell	Commerce	2013	Western Band	South Zone	3rd
15.	Nimisha N S	Chemistry	2013	Group Eastern Song	University	1st
16.	Nisha Sunny	Commerce	2013	Hindi Elocution	University	2nd
17.	Alphy M.V	Botany	2013	Oppana	Zonal	1st
18.	Anett Reji	Botany	2013	Oppana	Zonal	1st
19.	Yamuna M.S	Botany	2013	Oppana	Zonal	1st
20.	Anju C.S	Botany	2013	Kalaripayattu	Zonal	1st
21.	Lakshmi Raj	Botany	2013	OilPainting	Zonal	A grade
22.	Athira Krishna Das	Commerce (SF)	2013	Nadanpattu	Zonal	1st
23.	Geethu Mariya Pauly	Commerce	2013	Oppana	Zonal	3rd
24.	Faby Babu	Commerce	2013	Western Band	Zonal	1st
25.	Nihara P	Commerce	2013	Western Band	Zonal	1st
26.	Moncy Samuel	Commerce	2013	Western Band	Zonal	1st
27.	Alfiya Thomas	Statistics	2013	Essay Writing Malayalam	Zonal	2nd
28.	Nimisha N.S	Chemistry	2014	Group Eastern Song	National	2nd
29.	Nimisha N.S	Chemistry	2014	Group Eastern Song	South	2nd

					Zone	
30.	Parvathy G	English	2014	Eastern Band	South Zone	1st
31.	Sigha Prabhakar	English	2014	Western band	South Zone	1st
32.	Lamees T P	English	2014	Western band	South Zone	1st
33.	Nimisha N S	Chemistry	2014	Group Eastern Song	South Zone	2nd
34.	Keerthana	Chemistry	2014	Violin	University	1st
35.	Aiswarya K Subash	Commerce	2014	Patriotic Song	Zonal	2nd
36.	Nisha Sunny	Commerce	2014	Hindi- Elocution	Zonal	2nd
37.	Geethu Maria Pauly	Commerce	2014	Western Band	Zonal	1st
38.	Geethu Maria Pauly	Commerce	2014	Oppana	Zonal	2nd
39.	Aiswarya K Subash	Commerce	2014	Patriotic Song	Zonal	3rd
40.	Aswathy K S	Commerce	2014	Oppana	Zonal	2nd
41.	Geethu Maria Pauly	Commerce	2014	Western Band	Zonal	1st
42.	Geethu Maria Pauly	Commerce	2014	Oppana	Zonal	2nd
43.	Liji	Commerce	2014	Malayalam Drama	Zonal	3rd
44.	Anna	Commerce	2014	Malayalam Drama	Zonal	3rd
45.	Jiji C Baby	Commerce	2014	Mappilapattu	Zonal	1st
46.	Bini P Anto	Computer Science	2014	Embroidery	Zonal	1st
47.	Uthara E Prakash	Electronics	2014	Eastern Group Song	Zonal	1st
48.	Neethu Mohandas	Physics	2015	Group Eastern Song	National	2nd
49.	Neethu Mohandas	Physics	2015	Group Eastern Song	South Zone	1st

Highlights of Women Participation in Sports

Name	Class	Event	Year	Position level (University level)
Parvathy K.M	B.Com Finance	Judo	2012 -2013	1st Prize in open Category and Calicut university Team Member
Priyanka Sudhakar	B.Com Finance	Judo	2012 -2013	78 kg 1st Prize , 2nd prize in open category and university team member.
Steffy Francis	BSc Statistics	Judo	2012 -2013	57 kg, 2nd Prize
Treasa Michale	B.Com Finance	Judo	2012 -2013	52 kg , 3rd Prize
Swathy K Mohan	BSc Statistics	Yogasana	2012 -2013	Calicut University Team Member
Anju Elsa Thomas	B.Com Finance	Athletics	2012 -2013	3rd Prize in 100 Meters Hurdles
Aleena Anna George	B.Com Banking	Yogasana	2013-2014	Team member - 3rd Prize
Jijy Peter	BSc Physics	Yogasana	2013-2014	Team member - 3rd Prize
Jismi Joy	BSc Mathematics	Yogasana	2013-2014	Team member - 3rd Prize

Aswathy K D	BSc Botany	Yogasana	2013-2014	Team member - 3rd Prize
Susmiya Suresh	BSc Botany	Yogasana	2013-2014	Team member - 3rd Prize
Anju C S	B.Com Finance	Yogasana	2013-2014	Team member - 3rd Prize
Aleena Anna George	B.Com Banking	Yogasana	2014-2015	3rd Prize in Individual championships
Jijy Peter	BSc Physics	Yogasana	2014-2015	Team Member-2nd Prize
Jismi Joy	BSc Mathematics	Yogasana	2014-2015	Team Member-2nd Prize
Aswathy K D	BSc Botany	Yogasana	2014-2015	Team Member-2nd Prize
Susmiya Suresh	BSc Botany	Yogasana	2014-2015	Team Member-2nd Prize
Akhila Bennichen	B.Com Finance	Yogasana	2014-2015	Team Member-2nd Prize

5.2 Student Progression

5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available).

The College got Autonomous Status only in 2014 and we are the first to be placed in this status in the University of Calicut.

Success Rate of Students in Different Programmes (UG)

Programmes	2011-2012	2012-2013	2013-2014	2014-2015
B.Sc (Botany)	60	80	60	91
B.Com (Finance)	86	90	88	92
B.Com(Banking)	79	83	83	95
B.A (Economics)	42	68	63	80
B.Sc (Electronics)	70	42	40	74
B.Sc(Physics)	81	78	83	78
B.Sc(Statistics)	68	80	55	81
B.Sc(Computer science)	87	70	100	74
B.A (English and History)	73	45	68	85
B.Sc(Zoology)	82	93	76	88
B.Sc(Mathematics)	69	75	67	67
B.Sc (Chemistry)	72	80	70	93
B.Com			Started	
BBA			Started	
BVC		Started		90
BMMC			Started	
BCA		Started		90

Success Rate of Students in Different Programmes (PG)

Programmes	2011-2012	2012-2013	2013-2014	2014-2015
M.Com	89	90	100	100
MA (Economics)	65	90	95	95
MA(English)	90	85	90	93
MSW	90	55	90	93
M.Sc (Electronics)	100	100	91	100
M.Sc (Statistics)	70	100	100	92
M.Sc (Computer Science)	100	75	100	100
M.Sc (Computer science)				Started
M.Sc (Maths)	80	60	100	100
M.Sc (Physics)	100	92	100	100
M.Sc (Botany)	83	83	100	100
M.Sc (Zoology)	100	75	100	100
M.Sc (Chemistry)	92	100	91	100
MVC				Started

5.2.2 Provide the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.

Year	UG to PG	PG to MPhil	PG to PhD	Employed Campus selection/Other than campus recruitment	Entrepreneurship/ Self-employment
2010-2011	32.27	3.18	9.69	10.15	32.42
2011-2012	31.21	3.33	11.51	16.51	31.81
2012-2013	39.39	3.93	6.36	18.03	26.51
2013-2014	43.10	3.73	6.32	20.83	19.82
2014-2015	41.80	2.18	3.96	18.16	27.59

5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?

UG Programmes

Programmes	2011-2012		2012-2013		2013- 2014		2014-2015	
	Dropout	Complete	Dropout	Complete	Dropout	Complete	Dropout	Complete
B.Sc (Botany)	Nil	100	Nil	100	Nil	100	Nil	100
B.Com (Finance)	3.4	96.6	3.4	96.6	8.33	91.67	8.33	91.67
B.Com(Banking)	6.67	93.33	3.4	96.6	8.33	91.67	11.7	98.3
BA (Economics)	Nil	100	Nil	100	Nil	100	Nil	100
B.Sc (Electronics)	2.95	97.05	Nil	100	2.95	97.05	5.88	94.12
BA (History)	11.77	88.33	6.67	93.33	Nil	100	Nil	100
B.Sc(Physics)	Nil	100	Nil	100	Nil	100	Nil	100
B.Sc(Statistics)	Nil	100	Nil	100	Nil	100	Nil	100
B.Sc(Computer science)	6	94	9	91	3	97	3	97
BA (English)	11.77	88.33	6.67	93.33	Nil	100	Nil	100
BCA	started on 2012 - 13		2.86	97.14	Nil	100	Nil	100
B.Sc(Zoology)	Nil	100	6.53	93.47	Nil	100	6	94
B.Sc(Mathematics)	12.5	87.5	8.33	91.67	18.33	81.67	5.83	94.17
B.Sc (Chemistry)	6.67	93.33	16.67	83.33	6.67	93.33	6.67	93.33
B.Com (Self-financing)	started on 2013 - 14				5	95	Nil	100
BBA	started on 2013 - 14				5	95	6	94
BVC	started on 2012 - 13	Nil	100		Nil	100	Nil	100
BMCC	started on 2014 -2015						Nil	100
B.Voc. (MLT)	started on 2014 -2015						8	92
B. Voc (DFP)	started on 2014 -2015						Nil	100

PG Programmes

Programmes	2011-2012		2012-2013		2013- 2014		2014-2015	
	Dropout	Complete	Dropout	Complete	Dropout	Complete	Dropout	Complete
M.Com	5	95	5	95	5	95	Nil	100
MA (Economics)	Nil	100	5	95	5	95	Nil	100
MA(English)	5	95	Nil	100	Nil	100	Nil	100
MSW	10	90	16.67	83.33	31.25	68.75	22.23	77.77
M.Sc(Electronics)	Nil	100	8.33	91.66	Nil	100	Nil	100
M.Sc (Statistics)	Nil	100	3.35	96.65	2.86	97.14	Nil	100
M.Sc (Computer science)- SF	8.33	91.67	Nil	100	8.33	91.67	Nil	100
M.Sc (Computer science)	Started on 2014 -2015						Nil	100
M.Sc (Maths)	Nil	100	20	80	15	85	Nil	100
M.Sc (Physics)	Nil	100	Nil	100	Nil	100	8	92
M.Sc (Botany)	Nil	100	Nil	100	Nil	100	Nil	100
M.Sc (Zoology)	Nil	100	Nil	100	Nil	100	Nil	100
M.Sc (Chemistry)	Nil	100	Nil	100	Nil	100	8	92
M V C	Started on 2014 -2015						Nil	100

5.2.4 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET.

2011-12		
Subject	No. of Students Appeared for UGC NET CSIR	No. of Students Qualified for UGC NET CSIR
Mathematics	26	0
Statistics	7	0
Physics	30	7
Chemistry	27	0
Zoology	20	1
Botany	20	0

Computer Science	14	0
Economics	10	1
Commerce	20	3
English	12	2
Social Work	15	3
Electronics	20	0

2012-13		
Subject	No. of Students Appeared for UGC NET CSIR	No. of Students Qualified for UGC NET CSIR
Mathematics	22	0
Statistics	9	0
Physics	15	2
Chemistry	22	5
Zoology	25	1
Botany	21	0
Computer Science	14	0
Economics	14	2
Commerce	29	2
English	33	3
Social Work	9	1
Electronics	10	1

2013-14		
Subject	No. of Students Appeared for UGC NET CSIR	No. of Students Qualified for UGC NET CSIR
Mathematics	36	3
Statistics	8	0
Physics	19	4
Chemistry	29	2
Zoology	25	1
Botany	23	0
Computer Science	14	0
Economics	13	1
Commerce	45	1
English	38	2
Social Work	11	3
Electronics	8	0

2014-15		
Subject	No. of Students Appeared for UGC NET CSIR	No. of students qualified for UGC NET CSIR
Mathematics	20	2
Statistics	11	0
Physics	20	0
Chemistry	12	2
Zoology	13	0
Botany	3	0
Computer Science	10	1
Economics	10	1
Commerce	20	1
English	10	0
Social Work	12	0
Electronics	35	1

5.2.5 Provide details regarding the number of Ph.D./D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

Submitted (last four years)	6
Accepted (last four years)	6
Resubmitted (last four years)	Nil
Rejected (last four years)	Nil

5.3 Student Participation and Activities

The students of the College actively participate in Zonal, University, State and National level competitions in sports, games and arts. A few students have also participated in international level sports events and won prizes for the country.

5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.

• **Sports and Games**

Sports and Games Week is observed in the College allowing the participation of all the students from the College under the direction of Department of Physical Education. Class-wise competitions are held in select items of games and sports.

Sports and games such as volleyball, basketball, football, cricket, athletics, shooting, archery, chess, table tennis, shuttle-badminton, weight-lifting, boxing, yoga etc. are given special importance and our students usually win laurels in these fields.

A stadium with 400 meters eight-lane track, Football Stadium, Indoor Stadium and a well-furnished Fitness Centre are available for the practice of students.

• **Cultural and Extracurricular Activities**

There are 22 clubs in the College which encourage students to actively participate in various cultural activities. College Union Festival, Film Festival, Fine Arts Festival, Cultural Festival and Food Festival are events which are organized and conducted by the students themselves. The students of the College actively celebrate cultural

festivals like Onam, Christmas, etc.

Apart from this the College Western and Eastern music bands are active during any significant events in the College.

Regularly quizzes are conducted by the respective departments usually involving students from other colleges and exhibitions by science and social science departments are attended by the general public also.

The Computer Science Departments of the College conduct two yearly cultural festivals named *Shristhi* and *Exodus*.

5.3.2 Provide details of the previous five years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University / State / Zonal / National / International, etc.

Year	International Level	National Level	University Level
2010-2011	-	4	111
2011-2012	-	3	119
2012-2013	-	5	162
2013-2014	2	6	140
2014-2015	1	16	138

Prominent Performers in Sports and Games (last five years)

Name of the Student	Item/ Position	Event and Level of Participation	Year
Mingle George	Gold medal in All India IUT	Shuttle Badminton	2010-2011
Rinto P Johnson	2nd Position In All India IUT	Best Physique	2010-2011
Jithin K.R	3rd Position in All India IUT	Boxing	2010-2011
Bennet Antony	Represented India for World University championship held at Chinese Taipei and Gold medal in IUT	Shuttle Badminton	2010-2011
Ajith K.R	Best Sportsman of the year 2011-2012. Gold medal(4x100 meters relay)	Athletics	2011-2012
Nidhin V.M	Bronze medal in Junior nationals held at Arunachal Pradesh	Weight Lifting	2011-2012
Krishnakumar P.V	Under 22 Kerala State team member	Cricket	2011-2012
Subeesh	Best Sportsman of the year 2012-2013. Gold medal in All India IUT	Power lifting	2012-2013

Neeraj C.M	Gold medal All India IUT 800 meters	Athletics	2012-2013
Joyal Joseph	Bronze Medal All India IUT, 110 Meters Hurdle	Athletics	2012-2013
Jithin K R	Bronze Medal All India IUT, 91+ kg Super heavy weight	Boxing	2012-2013
Akhil Lal Babu	Bronze Medal , All India IUT , 69 – 75 kg, middle	Boxing	2012-2013
Jomon Joseph	Bronze Medal, All India IUT	Water Polo	2012-2013
Rahul Kadukkattil	Bronze Medal, All India IUT	Water Polo	2012-2013
Siji J	Bronze Medal, All India IUT	Water Polo	2012-2013
Muhammed Yazir P B	4th Prize in 400 meters relay , All India IUT	Athletics	2012-2013
Melwin vincent	4th Prize, 105 kg , All India IUT	Power Lifting	2012-2013
Subeesh P S	Gold medal Junior National Level Championship	Power Lifting	2012-2013
Sanal Sadhanadhan	Gold Medal National Level Championship	Power Lifting	2012-2013
Arjun Kumar C V	Gold Medal National Level Championship	Power Lifting	2012-2013
Nithil K M	Bronze Medal National Level Championship	Power Lifting	2012-2013
Vinu Joseph	All India IUT - Gold	Football	2013-2014
Vipin Thomas	All India IUT - Gold	Football	2013-2014
Manoj M.B	All India IUT -Silver	Water Polo	2013-2014
Siji J	All India IUT -Silver	Water Polo	2013-2014
Rahul Kadukkattil	All India IUT -Silver	Water Polo	2013-2014
Ananthu G.S	All India IUT -Silver	Water Polo	2013-2014
Neeraj C.M	Participation in 800 meter race held at Russia, Buzzan	Athletics	2013-2014
Ananthu G.S	Third position in Asian youth water polo championship Singapore	Water polo	2013-2014
Maymon Poullose	Best sports man of the year 2014-2015. 4th position in 110 meters Hurdles in summer youth Olympic games, Beijing- China held during Aug 2014.	Hurdles	2014-2015

Rahul Kadukkattil	Gold in – All India IUT	Water Polo	2014-2015
Nandhu G Nair	Gold in – All India IUT	Water Polo	2014-2015
Ananthu G.S	Gold in – All India IUT	Water Polo	2014-2015
Ashwin Gomes	Gold in – All India IUT	Water Polo	2014-2015
Siji J	Gold in – All India IUT	Water Polo	2014-2015
Rahul A Nair	Gold in – All India IUT	Water Polo	2014-2015
Vipin Thomas	Gold medal south zone IUT	Football	2014-2015
Vinu Joseph	Gold medal south zone IUT	Football	2014-2015
Prince M.T	All India IUT 3rd Position	Best Physique	2014-2015
Nasimudheen M.N	All India 3rd Position (4x100 relay) and 4th position in All India 110 meters hurdles	Athletics	2014-2015
Anvin S. Johnson	All India 4th position in 1500 meters	Athletics	2014-2015
Ansar A	All India 4th position in 120+ weight group	Power Lifting	2014-2015
Ajith V.J	All India 4th position in 93 kg	Power Lifting	2014-2015
Binu Issac	All India 4th position in swimming 4x100, Free style	Swimming	2014-2015
Manjo P.B	All India 4th position in swimming 4x100, Free style	Swimming	2014-2015
Siji J	All India 4th position in swimming 4x100, Free style	Swimming	2014-2015
Sudheesh P.S	3rd position in senior national	Power Lifting	2014-2015

Prominent Performers in Cultural Events (last five years)

1	Aswin Kumar K A	Physics	2011	Group Eastern Song	University	1st
2	Arun M.A	Botany	2011	Mime	Zonal	1st
3	Rony C.J	Botany	2011	Mime	Zonal	1st
4	Arun K.R	Botany	2011	Mime	Zonal	1st
5	Parvathy G	English	2012	Eastern Band	South Zone	1st
6	Sigha Prabhakar	English	2012	Western band	South Zone	1st
7	Lamees T P	English	2012	Western band	South Zone	1st
8	Ashish Ramesh	English	2012	Western band	South Zone	1st
9	Nisha Sunny	Commerce	2012	Hindi Elocution	University	2nd

10	Catherine Jacob	Commerce	2012	Oppana	Zonal	2nd
11	Sariga Girish	Electronics	2012	Indian Light Music Vocal	Zonal	3rd
12	Ranjithdev K R	Electronics	2012	Group Song Indian	Zonal	3rd
13	Nihara P	Commerce	2013	Western Band	National	3rd
14	Nihara P	Commerce	2013	Western Solo	National	3rd
15	Parvathy G	English	2013	Eastern Band	South Zone	1st
16	Sigha Prabhakar	English	2013	Western band	South Zone	1st
17	Lamees T P	English	2013	Western band	South Zone	1st
18	Ashish Ramesh	English	2013	Western band	South Zone	1st
19	Faby Babu	Commerce	2013	Western Solo	South Zone	3rd
20	Nihara P	Commerce	2013	Western Solo	South Zone	3rd
21	Moncy Sammuel	Commerce	2013	Western Band	South Zone	3rd
22	Arun K.R	Botany	2013	Keralolsavam	State	1st
23	Nimisha N S	Chemistry	2013	Group Eastern Song	University	1st
24	Nisha Sunny	Commerce	2013	Hindi Elocution	University	2nd
25	Midhun Paul	Economics	2013	Group Western Song	University	2nd
26	Amal Ashokan	BBA	2013	Poorakali	Zonal	1st
27	Jimson K	BBA	2013	Poorakali	Zonal	1st
28	Jishnu	BBA	2013	Poorakali	Zonal	1st
29	Nikhil Varkey	BBA	2013	Poorakali	Zonal	1st
30	Alphy M.V	Botany	2013	Oppana	Zonal	1st
31	Anett Reji	Botany	2013	Oppana	Zonal	1st
32	Yamuna M.S	Botany	2013	Oppana	Zonal	1st
33	Arun M.A	Botany	2013	Oppana	Zonal	1st
34	Rony C.J	Botany	2013	Oppana	Zonal	1st
35	Arun K.R	Botany	2013	Oppana	Zonal	1st
36	Anju C.S	Botany	2013	Kalaripayattu	Zonal	1st
37	Lakshmi Raj	Botany	2013	OilPainting	Zonal	A grade
38	Athira Krishna Das	Commerce (SF)	2013	Nadanpattu	Zonal	1st
39	Geethu Mariya Pauly	Commerce	2013	Oppana	Zonal	3rd



40	Faby Babu	Commerce	2013	Western Band	Zonal	1st
41	Nihara P	Commerce	2013	Western Band	Zonal	1st
42	Monsey Samuel	Commerce	2013	Western Band	Zonal	1st
43	Alfiya Thomas	Statistics	2013	Essay Writing Malayalam	Zonal	2nd
44	Ayyappadas Mohan	Statistics	2013	Poorappattu	Zonal	1st
45	Haren M.s	Statistics	2013	Poorappattu	Zonal	1st
46	Athul T.S	Statistics	2013	Poorappattu	Zonal	1st
47	Ranjithdev K R	Electronics	2013	Group Song Indian	Zonal	1st
48	Nimisha N.S	Chemistry	2014	Group Eastern Song	National	2nd
49	Nimisha N.S	Chemistry	2014	Group Eastern Song	South Zone	2nd
50	Parvathy G	English	2014	Eastern Band	South Zone	1st
51	Sigha Prabhakar	English	2014	Western band	South Zone	1st
52	Lamees T P	English	2014	Western band	South Zone	1st
53	Ashish Ramesh	English	2014	Western band	South Zone	1st
54	Bidhun Valsan	Physics	2014	Group Eastern Song	South Zone	1st
55	Nimisha N S	Chemistry	2014	Group Eastern Song	South Zone	2nd
56	Keerthana	Chemistry	2014	Violin	University	1st
57	Amal Ashokan	BBA	2014	Poorakkali	Zonal	1st
58	Jimson K	BBA	2014	Poorakkali	Zonal	1st
59	Jishnu K	BBA	2014	Poorakkali	Zonal	1st
60	Siddarth	BBA	2014	Poorakkali	Zonal	1st
61	Nikhil Varkey	BBA	2014	Poorakkali	Zonal	1st
62	Aiswarya K Subash	Commerce	2014	Patriotic Song	Zonal	2nd
63	Nisha Sunny	Commerce	2014	Hindi- Elocution	Zonal	2nd
64	Geethu Maria Pauly	Commerce	2014	Western Band	Zonal	1st
65	Geethu Maria Pauly	Commerce	2014	Oppana	Zonal	2nd
66	Sudev	Commerce	2014	Poorakkali	Zonal	1st
67	Aiswarya K Subash	Commerce	2014	Patriotic Song	Zonal	3rd
68	Aswathy K S	Commerce	2014	Oppana	Zonal	2nd

69	Geethu Maria Pauly	Commerce	2014	Western Band	Zonal	1st
70	Geethu Maria Pauly	Commerce	2014	Oppana	Zonal	2nd
71	Rinson	Commerce	2014	Malayalam Drama	Zonal	3rd
72	Nandagopan	Commerce	2014	Malayalam Drama	Zonal	3rd
73	Cleetus	Commerce	2014	Malayalam Drama	Zonal	3rd
74	Liji	Commerce	2014	Malayalam Drama	Zonal	3rd
75	Anna	Commerce	2014	Malayalam Drama	Zonal	3rd
76	Peter	Commerce	2014	Malayalam Drama	Zonal	3rd
77	Amal Mathew	Commerce	2014	Poorakali	Zonal	1st
78	Kevin	Commerce	2014	Poorakali	Zonal	1st
79	Arun	Commerce	2014	Poorakali	Zonal	1st
80	Jiji C Baby	Commerce	2014	Mappilapattu	Zonal	1st
81	Bini P Anto	Computer Science	2014	Embroidery	Zonal	1st
82	Melwin J Therattil	Computer Science	2014	Western Band	Zonal	1st
83	Alfred Wilson	English	2014	Parichamuttukali	Zonal	3rd
84	Vysakh P.P	English	2014	Parichamuttukali	Zonal	3rd
85	Midhun Paul	Economics	2014	Western Group Song	Zonal	1st
86	Midhun Paul	Economics	2014	Jazz	Zonal	3rd
87	Ranjithdev K R	Electronics	2014	Group Song Indian	Zonal	2nd
88	Uthara E Prakash	Electronics	2014	Eastern Group Song	Zonal	1st
89	Nikhil K	Mathematics	2014	Mridangam	National	2nd
90	Bidhun Valsan	Physics	2015	Group Eastern Song	National	2nd
91	Neethu Mohandas	Physics	2015	Group Eastern Song	National	2nd
92	Neethu Mohandas	Physics	2015	Group Eastern Song	South Zone	1st
93	Amal Mathew	Commerce	2015	Poorakkali	University	4th
94	Jimson K	Management Studies	2015	Poorakkali	University	4th

95	Amal Ashokan	Management Studies	2015	Poorakkali	University	4th
96	Jishnu	Management Studies	2015	Poorakkali	University	4th
97	Nikhil Varkey	Management Studies	2015	Poorakkali	University	4th
98	Siddharth	Management Studies	2015	Poorakkali	University	4th
99	Amal Mathew	Commerce	2015	Poorakkali	Zonal	1st
100	Kevin	Commerce	2015	Poorakkali	Zonal	1st
101	Arun	Commerce	2015	Poorakkali	Zonal	1st
102	Midhun Paul	Economics	2015	Jazz	Zonal	1st
103	Midhun Paul	Economics	2015	Western Group Song	Zonal	1st
104	Midhun Paul	Economics	2015	Ganamele	Zonal	1st
105	Ranjithdev K R	Electronics	2015	Group Song Indian	All India	2nd

5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?

The College collects feedback for support services through the FEEDBACK in the College website. There is one Complaint Box each in every block of this College in which feedbacks are collected. Alternatively, any student can report to Teachers, Principal or the Management directly regarding feedback of the support services. This is carried out throughout the year and the feedback is analysed and necessary steps are taken based on the analysis of feedback. Based on the feedback the College has improved and developed the existing infrastructure.

5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?

The College website has a provision for alumni to give their feedback and comments and many alumni use this provision to do the same. Informal meeting with graduates is a venue for sharing the feedback of alumni and outgoing graduates are sought to record their feedback regarding their life in the College and the significance of academics, sports and games and cultural activities. The Alumni Meet and OSA meetings at both department and general levels are venues for the College to officially gather the response and feedback of old students.

5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

There is a College Magazine published every year having the student representative as the editor. In this endeavour students are guided by a staff editor, nominated by the Principal. The contributions to the Magazine are solicited from the

students, members of the faculty, alumni and eminent academic personnel. The major share of expenditure for publishing the College Magazine comes from the College Union fund. Almost all classrooms have a notice board for sharing their creative works and students paste their poems, paintings, collages etc. on them and are revised periodically. Teachers support the publication of these magazines and manuscripts by correcting their writings, giving them advices and suggestions.

The names of the College magazines published in the last four years are: *Ormacheppu* in the year 2011 – 12, *Mozhi* in the year 2012 – 13, *Conduct Certificate* in the year 2013 – 14 and *Autocraft* in the year 2014 – 15

Some of our departments publish magazines in written manuscript form accepting contributions from students and teachers.

Department	Title of the Manuscript/Magazine
Physics	<i>Credize and Spatium</i>
Computer Application	<i>Sargasmruthi</i> and <i>Euthalia</i> (Digital)
Commerce (SF)	<i>Successful Start-Ups</i>
Business Administration	<i>Successful Entrepreneurs</i>
Botany	<i>Thumbapoo</i> , <i>Sishiram</i> and <i>Inspiration of the Millennium</i> (about Dr. A. P. J. Abdul Kalam)
Zoology	<i>Vaikhari</i>
Mathematics	<i>Math Wissen</i>

5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.

St. Thomas' College, Thrissur has a democratically constituted College Union which organizes different programmes to promote academics, cultural events and sports and games. The College Union is selected through the election conducted as per the regulations of Calicut University.

List of Office Bearers of College Union

The Chairperson	- Leo Rajan
The Vice Chairperson	- Lizba Vincent Galan
The General Secretary	- Jayasankar P G
The Joint Secretary	- Meenu Lakshmi Viswanath
The UUCs	- Jithin Titus and Vivek C. S.
The Fine Arts Secretary	- Noble Louis
The Magazine Editor	- Anantha Narayanan S
The General Captain	- Akshay M Murali

Activities of the College Union

- Fine Arts Festival
- Sports and Games Week
- Charitable and Community Services
- International and National Day Celebrations
- Medical Camps
- Gender Sensitization Programmes
- Department Association Activities

5.3.7 Give details of various academic and administrative bodies that have student representatives in them. Provide details of their activities.

Student representatives are present in IQAC, as a member for suggestions, in Department Council (Two students give feedback regarding departmental activities), in Library Advisory Committee for suggesting books, multimedia and other information resources, in Magazine Committee for designing to printing of magazine and in *Yuva Sabha* where students participate in parliamentary level discussions.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

St. Thomas' College, Thrissur is an autonomous institution of research and higher education which has an excellent record of imparting modern and quality scientific education to various sections of the society. The governance, leadership and management of this institution are enlightened by the democratic idea of participative organization and decentralization in an effort to achieve excellence in the domains of higher education, research, job market, self employment and industry. The academic and administrative governance has been given the most prominent place in defining the goals and vision of the college. The management consistently strives to interact with different functioning bodies of the institution and various stakeholders including local community, industry and alumni in order to cater to the needs of the nation and society at large.

6.1 Institutional Vision and Leadership

The logo of the College explicates the vision of the institution. The college established a holistic vision regarding the administration, leadership and management at the very moment of its inception. This vision envisages the moulding of generations of students of character, quality, excellence and dedication for the nation and society. The pursuit of truth is the major undercurrent of enunciating this vision which inspired students for almost hundred years of the history of this institution. Modern scientific education and character building initiated to develop an aspiration for social change and community building beyond gender, casteist and religious barriers and to invoke a sense of commitment to the constitution of our nation and eradication of social evils.

6.1.1 State the vision and mission of the College.



Following the motto of our college, all the members of the college make sure that truthfulness is the guiding principle in governance, management and leadership of the institution. *Veritas Vos Liberabit* or “Truth will set you free” is the phrase that resounds in the hearts of every Thomite. This vision is translated into the mission through the precipitation of excellence in character, sense of justice, scholarship, career and serving the society in every endeavour that we embark on.

Statement of Vision

The College throws its doors wide open to students of all caste and creeds. The diffusion of knowledge and truth and the promotion of peace and concord among the various sections of the people will be its goal and ambition. The authorities of the College have accordingly chosen for its motto: *Veritas Vos Liberabit*. ‘Truth will set you free’, free from the bondage of ignorance, of superstitions, of prejudices and above all of class hatred. May Truth prevail ever more and more! May its kindly light lead us at last to the perfect “Liberty of the children of God”, which is the surest foundation of the Universal Brotherhood of Men.

Statement of Mission

The College affiliated to the University of Madras in 1919 is the first Catholic College in Kerala and is run by the Archdiocese of Thrissur. The objectives of this College as an institution of higher education are the intellectual excellence, imparting of skills and formation of good citizens of character and ability committed to the service of fellow men. The vision of the founders of the college is the formation of good citizens imbued with the primacy of moral, spiritual and ethical values. These objectives are achieved through instructions, the general atmosphere of the college, the personality, character, disposition, example, motivation and dedication of all persons involved.

6.1.2 Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value orientations and vision for the future.

St. Thomas' College - with a history of hundred years and the campus located at the heart of the cultural capital of Kerala, Thrissur - has been in the forefront of the socio-political transformations and academic excellence in India. On the basis of the liberal vision of Rt. Rev. Dr. Adolphus Edwin Medlycott, the founder of the College and the inspiration given by Mahatma Gandhi, the Father of the Nation who visited the College during the turbulent times of freedom struggle and Mother Teresa who visited the campus established itself as a pioneer with the following distinct characteristics:

- The guiding principles of democracy and decentralization in governance enable the Institution to address the multicultural milieu and mould its students as global citizens. The College believes in lateral interaction between different bodies than a top down hierarchical approach.
- In terms of attending to the needs of the society the College reaches out to embrace the local community in every possible way. The College makes available generously its resources for the local community.
- It was the demand by the general public for a Post Graduate College (especially in Science Disciplines) for girls in Thrissur City that prompted the Management to convert a Boy's only College to a co-educational institution and this has greatly contributed to the empowerment of women.
- The enlightening principles of the Institution are value based education, academic excellence and holistic development of the students.
- As per the vision statement of imparting education to all castes and creeds of the society, the Institution attempts to provide education to the underprivileged and the marginal segments.
- One of the distinct features of this Institution is that the members of the faculty are selected on the basis of academic merit and commitment to teaching and this resulted in the development of exceptionally qualified, professionally equipped and eminently trained teachers.
- The College makes sure that students absorb the ideals of secularism, national integration and inter-religious harmony. Many students from the College are placed in Indian Defence positions in the various parts of the country.
- ICT is the catalytic principle in developing a transparent, error-free and efficient governance and management system of the College. All sectors of administration and management have been computerised and automated in the last five years.

- The aim of the College is to grow into an internationally reputed institution by associating with national and international organizations of higher education.

6.1.3 How is the leadership involved in ensuring the organisation's management system development, implementation and continuous improvement?

The Manager of the college, Mar Raphael Thattil, the Auxiliary Bishop of Thrissur Archdiocese is the Chairman of the Governing Council. He gives his wholehearted support and inspiration in designing policies and implementing ideas pertaining to pedagogy, infrastructural development and management of the college. There is a Management Committee to assist the Manager in the process of formulation of policies in the light of the vision of the College. The Governing Council is constituted in accordance with the guidelines of UGC regarding Autonomous Colleges, the regulations of the Government of Kerala and the rules and norms of the University of Calicut. The Manager and the Management Committee frequently interact with students, staff and other stakeholders.

The structure of the Governing Council:

- Chairman: Mar Raphael Thattil, Manager the Auxiliary Bishop of Thrissur Archdiocese, the Educational Agency.
- Dr. P.O.Jenson, Principal. (Ex-officio Secretary)
- Dr. K.M.Francis
- Dr. P.L.Antony
- Dr. Ignatius Antony
- Dr. Jayashree Kurup (UGC Nominee)
- Prof. K.Raveendranath (University Nominee)
- Sri Lopus Mathew (Government Nominee)

The head of the Institution, the Principal, integrates and co-ordinates the academic and the administrative functions and executes the day to day affairs of the Institution. The Principal is supported by three Vice-Principals, a Bursar, the Controller of Examinations and Convenors of various Committees. The periodic meetings of the Principal with the members of the various managing bodies ensure continuous development and improvement. The Management Committee and Governing Council are responsible for initiating policy changes and for ensuring order and discipline within the College. The Academic Council is the supreme body in affairs connected to curriculum, curriculum design, implementation and academic regulations.

❖ Ensuring the organization's management system development, implementation and continuous improvement

In the wake of awarding the status of Autonomy the College has brought about significant structural and developmental changes in various sectors of the administration and academics maintaining the norms stipulated by the UGC, Government of Kerala and University of Calicut.

- The Governing Council serves as the supreme body of administration and policy making which includes five members of the Management, an Educationalist and Representative each from UGC, State Government and the affiliating University. The Principal of the College is the ex-officio Secretary of the Governing Council. The continuous assessment of academic activities, monitoring and maintaining academic excellence and the overall smooth functioning of the College comes under the purview of the Governing Council.

The members of this body convene regularly in accordance with the UGC regulations.

- The Academic Council is responsible for all academic matters related to finalising and approving the regulations, syllabus and scheme of examinations and the implementation of the same. By officially consulting with the various stakeholders, the Academic Council frames the system of grading and other norms of academic import.
- Finance Council channelizes funds; prepare budgetary proposals and monitors expenditure and income of the College. The budgetary proposals are prepared in consultation with the stakeholders of the Institution.
- The College Council consists of the Heads of Departments, Librarian and the two elected representatives of the faculty and ensures that the voices of the teaching staff of the Institution are promptly represented.
- The Controller of Examinations is responsible for the conduct of the examinations in a fair and efficient manner. The Controller charts the Examination Calendar in accordance with the guidelines of the statutory bodies and ensures adherence to the Examination Manual.
- The Boards of Studies are responsible for designing, reviewing and updating syllabus, implementing continuous assessment, regulations of programmes, setting of model question papers and constituting the board of examiners and question paper setters. Most of the duties related to academic practices are entrusted with the Boards of Studies which include external experts, nominee of the University, representatives of alumni, and a member from the industry.

❖ **Interaction with stakeholders**

- The stakeholders of the College include students, parents, faculty, industry, management, academicians, community and the local bodies. The structure of the College is set up in such a way that the interaction at multiple levels between various stakeholders reinforces the structural development, curricular updation and placement.
- *Yuva Sabha*, an initiative by the College to officially interact with student representatives discusses matters related to curriculum, extracurricular activities, career opportunities etc. with the representatives of Management and Administration. This is a platform for voicing the concerns of the students. The College Website also provides a space for students to post their ideas, comments and suggestions on any issue of relevance known as FEEDBACK.
- The Staff Meeting is a venue for the members of the faculty and administrative staff to interact with the Management and the Principal and to discuss matters connected to teaching/learning, discipline, co-curricular activities and governance.
- The Internal Quality Assurance Cell (IQAC) functions as a mechanism to build and ensure a quality culture at the institutional level.
- Parent Teachers Association is immensely vibrant in engaging with the teachers, the administrative staff of the college and other stakeholders and serve as an effective feedback system. Class PTA's meet regularly to deal with the issues of the students at the micro level and to evaluate the performance of the students.

- Alumni play a very significant role in promoting new ideas of infrastructural and administrative development. Departments have their own alumni associations and they function as an effective feedback mechanism.
- The industry and eminent academicians are instrumental in consistently providing directives and suggestions to improve the performance of various sectors of the College. They also benefit significantly by making use of the human resources and the lab facilities in the college.

❖ **Reinforcing the culture of excellence**

The College has taken the following measures to establish and reinforce the Culture of excellence:

- Orientation to the members of the faculty, administrative staff and students to impart the vision of the College.
- Research is identified as the key area of excellence and is promoted intensely in terms of establishing new Research Centres, developing interdisciplinary research and collaboration with National and International Higher Educational Institutions.
- Competence and performance have been the two most important criteria for the selection of academic and administrative staff.
- Complete automation and the deployment of ICT at all levels of academics and administration are established as catalysts in the pursuit of excellence.
- Leadership and governance in the Institution is interlaced with principles of participatory development.
- Feedback System has three different dimensions: Students' Evaluation of Teachers (SET), Class Level and College Level PTAs and Old Students' Association at department level and College Level.
- The Career Guidance and Placement Cell organises placement drives and is continuously involved in developing linkage with the industry and inculcating soft skills among students.

❖ **Identifying needs and championing Organizational Development (OD)**

- The organizational development of the institution is envisaged as a result of the maximum use of human resources available. Organizational Development is accomplished through a thorough involvement of all sections of the College.
- The Manager and his representatives frequently evaluate the performance of various sections of the institution and provide directives for further improvements. Orientation and professional training are provided for academic and administrative staff to hone their skills and to maximise their output through workshops, demonstrations and training programmes. The IQAC serves as the responsible body for implementing policies regarding the management of human resource and to develop strategies for enhancing the academic quality.
- The Departments are administered by the Heads of the Departments, who make sure that the affairs and functioning of each department is carried out smoothly. The Head of the Department is assisted by a secretary, student leaders from each class who are elected democratically. The major decisions at department level are taken after convening the Department Council meeting which includes Head of the Department, Faculty Members and Student Representatives.

- Organization development is designed as a participatory project by incorporating student community in the various activities of the College.
- Due to the democratic nature of the College, students involve in the various activities of academics and administration and reach out to the authorities or their superiors without any obstacles. The Students' Union of the College has a pivotal role in shaping up the various students' activities such as Fine Arts Festival, Sports Festival, Film Festival, Food Festival etc. Students interact with the concerned departments regarding issues of curriculum design, discipline and in the organizing of department level programmes like Onam and Christmas celebrations.

6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.

No senior leadership positions were vacant.

6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes, the College ensures such positions are filled and conduct meetings at stipulated intervals.

6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.

Through the application of participatory mode of management the college has been able to entrust students, teachers and administrative staff with more responsibilities in decision making. Rather than a top down approach where the decisions made at the top and would trickle down to the students and teachers, the College involves students and staff in the decision making process.

The participatory nature of the administration is ensured by the formulation of Governing Council, Academic Council, the Boards of Studies and other Statutory Bodies of the College.

Decisions are formulated in consultation with statutory and non-statutory bodies and student bodies thereby enhancing the participation of various stakeholders.

This is carried out by decentralising the administrative and academic duties of the college by involving all the staff. Various stakeholders are actively invited to participate in policy making, organizational design, administrative sectors and infrastructural development. Some of the activities are: curriculum design, co-curricular activities, development of consultancy and research, involvement in IQAC, Library and Laboratory facilities.

Inclusion of student representatives in IQAC and Department Council is a significant move towards incorporating student community in quality maintenance bodies.

6.1.7 Give details of the academic and administrative leadership provided by the University to the College?

The affiliating University established certain normative features regarding the formulation of syllabus, regulations, boards of exams and grading system. The University also provides directives and supports in the following areas:

- Approval, curriculum design and regulations of new courses
- University forwards proposals for funding new courses, travel grants and other programmes initiated by UGC
- University is the awarding authority of degrees to the students

- University sends its experts and nominees to all Academic Bodies and Research Admission Committee (RAC).
- The National Service Scheme has a University level coordination
- The arts festivals, sports meets and games are being organized at the University Level.
- Through the Human Resource Development Centre (HRDC), formerly Academic Staff College, the University organizes faculty enhancement programmes and training.
- The University of Calicut grants approval for faculty appointments, coordinates research activities and similar activities through various executive organs of the University such as College Development Council, Directorate of Research and Directorate of Admission.

6.1.8 How does the College groom the leadership at various levels?

Students: College Union and *Yuva Sabha* are platforms for the student community to emerge as leaders of future through organizing student festivals, socially committed events, responding to social evils meaningfully, involving in interactive programmes with various sections of the society and bringing the issues and challenges of student community to the authorities.

NSS and NCC are crucial organizations in shaping up student leaders through disciplined action in life. The two units of NSS and the NCC Unit are immensely active in organizing programmes for personality development, national integration, leadership qualities, community living and value based social engineering. The 22 active clubs in the college channelize students' interests to participate in various innovative and creative endeavours. Organizations such as AICUF and Jesus Youth promote the support of the poor and the needy like tribal communities through outreach programmes of the students. The Physical Education Department through organizing sports festivals and providing sports facilities in the College instil leadership qualities and a passion for teamwork among students. All these activities tacitly and explicitly train students to work in a team and at the same time when the need arises, to head a group or assume the responsibilities of a leader.

To groom the students to be the future leaders of the community and the nation, the College has developed various strategies. During classroom sessions students are encouraged to take up responsibilities in conducting lectures, maintaining discipline and initiating novel methods of group interaction thereby imbibing a sense of leadership. ASAP and SASAP projects offer students to take up roles of teachers and leaders and to involve in peer teaching.

The students of the Computer Science Department organize two inter-collegiate programmes *Srishti* and *Exodus* every year. The students of Department of Visual Communication organize National Documentary Short Film Festival every year. *Homecoming* and *Anora* are prestigious programmes organized by the students of Department of English. Students of various Departments organize state level and district level programmes. College Students Union organizes various festivals and celebrations which inculcate in students a sense of belongingness to the community at the same time help them acquire leadership qualities.

Academic and Administrative Staff: Frequent leadership training programmes are conducted for staff by eminent academicians, administrators and activists from institutes of local governance such as Kerala Institute for Local Administration (KILA).

The members of the staff are always encouraged to assume leadership positions in the University and state levels like Chairmen of the Boards of Studies of the University, members of the Faculty Council, Academic Council, Senate and Syndicate of the University.

Members of the staff are also encouraged to hold positions in social organizations, local bodies and other bodies of the Government.

College Council, Academic Council, IQAC, various Clubs etc. provide opportunities for the members of the staff to hone their leadership skills.

6.1.9 Has the College evolved any strategy for knowledge management? If yes, give details.

As part of the Knowledge Management initiative, procurement, distribution and dissemination of knowledge is carried out by ICT based transparent workflow, community practices and constructivist strategies.

- Members of the faculty embark on research, projects, conferences, national and international fellowships which result in sharing of knowledge.
- Automation of library is a major drive towards better knowledge management.
- The College organizes seminars, conferences and other orientation programmes to sensitise the faculty and students about various strategies of Knowledge Management.
- Two academic journals named *Advances in Arts and Ideas* and *Conspectus: A Journal of English Studies* are being published by the Department of History and English respectively.
- The College promotes the publication of books.
- The College regularly publishes proceedings of conferences and seminars conducted at the College.
- The students' projects at the post graduate level are being maintained in the Library in the digital form.
- The Research Council coordinates various research related activities to enhance Knowledge Management within the institution.

6.1.10 How are the following values reflected in various functions of the College?

❖ **Contributing to national development**

The College contributes to national development through developing a work force through skill based education. Skill and entrepreneurship development are the two most significant aspect of the reflection of the College's contribution to national development. The College invites prominent personalities such as freedom fighters, civil servants, and social activists, men of letters and artists in order to inculcate a sense of national harmony and patriotism.

Many students of the college have joined Indian Army, Navy and Air force after completing their programmes. The NCC and NSS of the college are instrumental in shaping students to work for national development. Environmental consciousness is instilled among the student community through various activities. The MSW students have accomplished an afforestation programme and a tribal development programme. Students are promptly informed of the cultural heritage of our nation through exhibitions promoting history, tourism and science, seminars and national level lecture series.

Eminent academicians, activists and artists of the country are invited as guests of the institution during the observation of the days of national importance such as Independence Day, Republic Day, Martyr's Day and *Kerala Piravi*. Students of the

College join national level educational institutes like IIT, IISc, IIM, IISER, Central Universities and National Centres of Educational Excellence.

Research in the College is poised towards contributing to the national development. Many of our distinguished alumni work in institutions of national level repute and in Research and Development institutes of India.

❖ **Fostering global competencies among students**

One of the key areas of focus in terms of global competency that the College fosters in the students is soft skill development and the Career Guidance and Placement Cell provides opportunities for students to gather knowledge given in a finishing school. In order to overcome the digital divide, students are provided with internet facility in the Library and in the Departments.

Academicians around the world are invited to give lectures and introductory courses to students and thereby exposing the students to global academic environment. In the process of curriculum design, the faculty consult curriculum design of institutions of international repute so as to make the syllabus globally competent.

Many teachers are internationally recognised academicians in their respective areas.

❖ **Inculcating a value system among students**

- St. Thomas' for Society (SFS) programme is designed as an opportunity for students to have real time experience of the problems of the underprivileged and the deprived in terms of blood donation, giving classes in orphanages, distribution of free lunch etc.
- Orientation programmes are being organized by the college to sensitize students about the environmental issues like pollution, water shortage, ozone layer depletion and nuclear disasters.
- The ideals of Indian nationalist values are imparted to the students through the observation of Republic Day, Independence Day, and other days of national significance.
- Secularism, sense of communal harmony and spirit of democracy are encouraged in the students through NCC, NSS, Social Work Department and Social Outreach Programmes.
- Festivals of social significance are celebrated inside the campus to impart the richness of Indian culture and tradition.
- The Department of Visual Communication and Centre for Media studies promote social and cultural values through film festivals, screening and film making.
- The open air auditorium is named after Mahatma Gandhi to remind the young generation of the great values of the father of the nation.

Promoting use of technology

- The College has 307 computers, with internet connection available for the use of students.
- The Library, Administrative Office and the Departments are fully computerized and networked.
- All PG departments have two smart class rooms, science laboratories have Wi-Fi projectors and online library resources with access to international journals.

- Admission, grading, attendance, distribution of scholarships and all administrative aspects of students are computerized through the academic management system.
- The College has an advanced Media Production Studio, Recording Studio, Editing Suits and state of the art Cameras and Lighting Systems to produce audio-video materials for educational support.
- Introduction of internet radio and IPTV are in the pipeline.
- The students of the Department of Computer Science programmed the software *Stracker* for marking attendance.

❖ **Quest for excellence**

- The College has eight Research Centres of which five were recognised during the last five years, 23 Research Guides, 53 research students and two Postdoctoral Fellows.
- The College has designed the curriculum for all UG and PG courses so that it addresses the requirements of students, stakeholders and industry.
- Two research journals *Advances in Arts and Ideas* and *Conspectus: A Journal of English Studies* are published by the College.
- The College introduced eight new Academic Programmes in the last five years namely, BVC, MVC, BMMC, BCA, BBA, BVoc (DFP), BVoc (MLT) and Diploma in Visual Communication.
- The College has a vibrant and active IQAC and Research Council.
- The College was granted the status of Autonomy in 2014.
- College is recognised as a Research Centre by the FIST, Department of Science and Technology. The Sophisticated Instrumentation Facility Centre (SIFC) is an outcome of this project.
- Online resources and automation are installed in the Library.
- Half of the teachers hold Research Degrees such as M.Phil, PhD or Post Doc.
- There is a remarkable increase in infrastructure in the last five years and the College is planning to shift to the new Centenary Campus in the Centenary year, 2019.

6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

The College was granted Autonomy in the year 2014 and the review has not yet been conducted.

6.2 Strategy Development and Deployment

6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

The College has devised a Perspective Plan for the future development after rigorous and detailed deliberations with various academic and administrative bodies, department councils, student bodies and other stakeholders. The prime objective of this procedure is to pioneer this College in the arena of higher education and research in our country.

❖ **Teaching and learning**

The College attempts to radically experiment with teaching and learning processes in order to ensure flexibility, effectiveness and excellence.

- The aspects considered in designing teaching and learning for future are equipping students to compete in the global and national scenario, effective

use of technology and ICT, preparing the students for the requirements of the job market, thrust on interdisciplinary and emerging areas of scholarship and research orientation from UG level onwards.

- As practical measures the College attempts to encourage teachers to use innovative pedagogical methods and effective use of technology and online resources where it is expected that students will be inspired to interact and use effectively the ICT resources.
- More students will be given academic and financial support to participate in conferences, seminars and workshops and publish their papers in recognized journals.
- The Research Committee has recommended various Department Heads to start new journals.
- Every year the College plans to bring globally recognized academicians to give workshops and training programmes for students and teachers.
- Another plan is to reform examination and evaluation processes based on cutting edge methods deployed in global and national institutions of academic excellence.
- The feedback system of students, teachers, parents and other stakeholders are to be restructured to make it more effective and result oriented.

❖ **Research and development**

Research is considered to be the backbone of academic practices in the Institution and it is given utmost priority. The College has devised the following aspects to frame the future plans:

- Mobilization of funds from various resources.
- To produce more patents.
- Increase the number and quality of research publications.
- Initiate interdisciplinary research.
- Convert the remaining PG departments to Research Departments.
- To improve research environment and infrastructure.
- International and national research collaborations.

❖ **Perspective Plans**

- Approach national and international level agencies and industries for funding opportunities.
- To install a centralized instrumentation facility.
- Develop Library as a hub of research and scholarship.
- Increase the access to online journals like Project Muse and e-books.
- International research conferences, seminars and workshops to be conducted annually.
- Encourage research that will have a direct impact on local community.

❖ **Community engagement**

The rising economic disparity, digital divide, illiteracy and social evils are the various aspects considered in structuring the perspective plans for community engagement in the upcoming five years.

Plans

- Promote SFS (St. Thomas' for Society) to address the challenges that a College faces in order to help and contribute to the local community.

- Digitization of village communities and sensitizing such communities about the advantages of ICT.
- College students and teachers will train local community in various skills.
- Mobilizing funds from unconventional sources like NGOs, Trusts, Corporate Companies to help and support the poor and the underprivileged.
- Students and teachers will be encouraged to train the slow learners of local community and give them basic educational skills.

❖ **Human resource planning and development**

- Fine tune the mechanism already in place to identify the exact human resource required for each job role.
- Identify the ideal environment to promote research and teaching.
- Measures to improve the efficiency of administrative staff.
- Device a drive to attract academically eminent teachers and scholars.
- Strengthen resources and physical infrastructure to promote research and learning.
- Skill oriented training programmes for administrative staff.
- Launch training programmes for academic staff in the manner of Human Resource Development Centre (Academic Staff College).
- Design short term programmes to improve the efficiency of academic and administrative staff incorporating students and other stakeholders.

❖ **Industry interaction**

- Identify emerging industries and new start-ups and incorporate them in the syllabi.
- Enhance the role and activities of Career Guidance and Placement Cell
- Expand the reach of Consultancy Services given by various Departments
- Interact with the industrial and corporate sectors in order to spot emerging areas and invite them to collaborate with the College.
- Establish contacts with nodal agencies which support start up programmes, so that the students can directly involve with the industry while studying or after finishing their programmes.
- Make the students aware of the government initiatives into students' start-up programmes.
- Strengthen Placement Programmes and organize Placement Drives in various metropolitan cities and abroad with the help of alumni.

❖ **Internationalisation**

Aspects considered

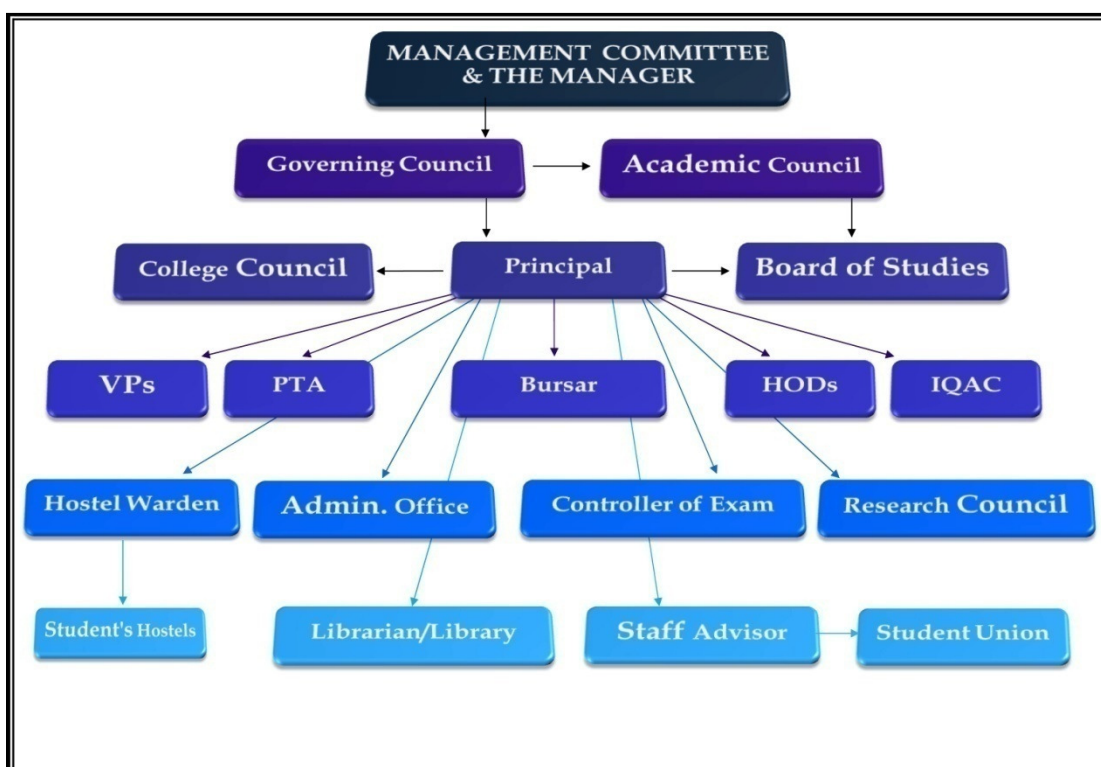
- International opportunities and exchange programmes for students
- Collaboration with foreign universities
- Attract foreign students
- Global exposure to faculty

Plans

- Strengthen the International Students' Centre (ISC) of the College which would oversee all the aspects related to international opportunities and exchange programmes.
- Start Foreign Language training centres and internationally recognized courses in the College.

- Promote, train and encourage students for the global job market.
- Sign MoUs with international institutions and revamp the international reach of the College.
- Encourage teachers to attend seminars, conferences and workshops held in foreign Universities.
- Host international seminars, conferences and workshops.
- The College was invited to the International Educational Meet organized by the Government of Kerala and the Principal participated in the same.

6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.



Internal Organizational Structure of the College that makes decisions is envisaged to be essentially decentralized and laterally functioning. The Manager and the Management Committee along with the Governing Council make decisions and the Academic Council serves as the internal decision making body regarding academic matters. The two way mechanism of seeking responses, getting feedback and implementing policies/decisions is operated through the Principal. Various Boards of Studies, the Academic Council and the Office of the Controller of Examinations function as responsible bodies in implementing changes in curriculum, preparing the academic calendar and examination pattern so that the Governing Council and Principal can analyze and implement their policies. The Controller of Examinations and his office administer the examination process as per the decisions

of the Governing Council. IQAC implements norms and sets standards for quality and excellence and the Department Councils operate the academic process of teaching and learning. The Research Council functions as a nodal agency in administering research at Ph.D. level and for the preparation and submission of projects.

6.2.3 Specify how many planned proposals were initiated / implemented, during the last five years. Give details.

Academic

The College's vital decision to promote research and innovations resulted in the formation of five new Research Centres approved by the University of Calicut in the last five years. All the eight research centres together have 23 Research Supervisors, and 53 Research Scholars. The College has produced 20 PhDs in the recent few years. The thrust on research also initiated the following programmes:

- Minor and Major Projects: There is a phenomenal increase in the number of Major and Minor Projects in the last five years.
- Four Travel Grants of the UGC were awarded and three International Fellowships.
- There is an innovative programme in the Department of Chemistry to conduct PG Diploma in Industrial Catalysis and Sustainable Chemistry.
- There are two skill oriented vocational programmes: B.Voc. in Digital Film Production and B.Voc. in Medical Laboratory Technology.
- Under the Community College Programme of UGC the College is offering a one year Diploma Programme in Visual Communication.
- Five UG (BVC, BMMC, BBA, BCA, B Com) Programmes and two PG (MVC and MSc. Computer Science) were started in the last five years.

Infrastructure

- With the FIST programme granted by the Department of Science and Technology the College designed the Sophisticated Instrumentation Facility Centre (SIFC) catering to the needs of research scholars and nearby laboratories.
- Media Laboratory consists of a professional recording studio, editing suites, shooting floor, lighting systems, soft-box for photography and eight professional cameras.
- Open Air Theatre, '*Gandhi Smrithi*' was constructed to house 500 students.
- CCTV – The entire campus of the college is under CCTV surveillance

6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

The College has an official quality policy regarding the academic and administrative sectors. The College strictly adheres to the norms regarding IQAC stipulated by UGC in maintaining and ensuring academic and infrastructural quality and excellence. Orientation programmes and workshops for teachers and students are two major measures in imparting the message of top quality. By regularly conducting these programmes the College ensures the same.

There is an effective online feedback mechanism implemented through the SET (Students Evaluation of Teachers) by which the faculty are promptly informed of the feedback from students regarding teaching.

These two quality ensuring mechanisms are designed on the basis of the principles of quality assurance by the College and other national bodies. Earlier the

SET was deployed by asking students to fill in paper forms and the process got completely digitized in 2015. By the end of every year the Governing Council of the College, IQAC and the Academic Council conduct a SWOC analysis for reviewing these mechanisms.

6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

Grievance Redressal Cell

The academic and non-academic grievances, problems and issues of students are dealt with sensitivity and understanding by the Grievance Redressal Cell. This cell is chaired by Heads of the Departments and Members from Teaching and Non-teaching Staff and Student Representatives. Complaints of the students are taken very seriously by this cell and are thoroughly analysed and discussed with the various bodies involved. The final decision is always reported to the stakeholders by the Principal at the appropriate occasion. All the grievances and complaints, if any, of the students are documented and made sure that they are addressed timely.

For the psychological and emotional problems that students face, the College has a Counselling Centre. Experienced Teachers from various Departments with the help of Teachers from the Department of Social Work understand the psychological and emotional needs and problems of students and do the needful immediately. Wherever the involvement of parents is required the College invites them unofficially or officially in PTA meetings and finds solutions to the problems under consideration. Even otherwise parents can directly approach any Staff of the College, or the Management Committee and lodge their complaints or grievances.

College Council and Meeting of Staff

The Teaching Staff of the College can inform their grievances and complaints to higher authorities any time, directly, including the Manager. Formally a Teaching Staff can inform the issue to the Head of the Department, to the Principal or to the Manager either verbally or in writing.

General Staff Meetings are arenas where Teaching Staff explicate their problems in front of other members of the staff. The problems raised in one staff meeting are reviewed, resolved and the decisions are announced in the next staff meeting.

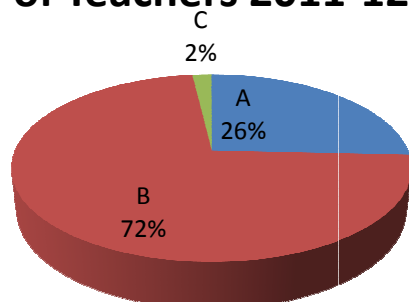
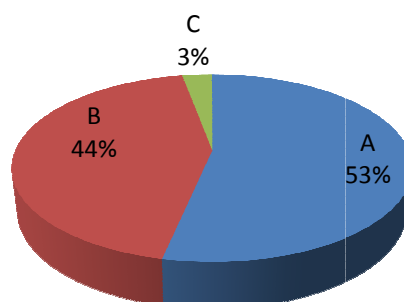
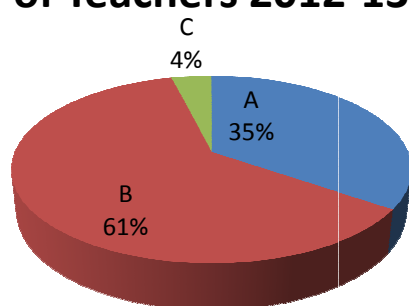
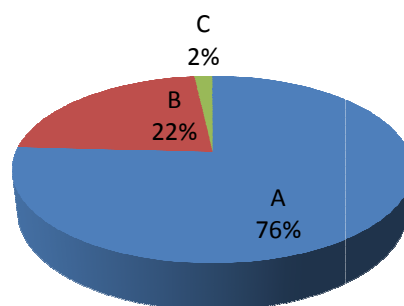
Administrative Staff Meeting

If the Administrative Staff have grievances or complaints to inform the Management they are encouraged to do so directly or in the Administrative Staff Meetings.

6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

SET (Students' Evaluation of Teachers) is designed to analyse students' feedback on pedagogical as well as institutional performances. A graphic representation of the feedback is as follows.

A= Very Good, B= Good, C=Average

**Student Evaluation
of Teachers 2011-12****Student Evaluation
of Teachers 2013-14****Student Evaluation
of Teachers 2012-13****Student Evaluation
of Teachers 2014-15**

The College has been running this mechanism for the past eight years. It consists of a questionnaire on various aspects of teaching quality, curriculum, extracurricular activities, infrastructure, student facilities etc and a separate section for additional feedback box. The responses are qualitatively analysed and the outcome is conveyed to all parties involved in the process such as Teachers, Students, Parents, Management and Non-teaching Staff.

There are Complaint Boxes fixed in the campus available for students to drop their complaints in writing, anonymously. Teachers are informed of their performance and they are asked to improve upon their quality of teaching. Some teachers are encouraged to develop soft skills and communication skills through training/coaching programmes. In the case of curriculum design, infrastructural changes and physical facilities the feedback of students are promptly communicated to the Heads of Departments and Boards of Studies, Finance Officer and Purchase Committee respectively. In the past five years the changes in these areas were brought about by depending heavily on the feedback of students.

6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

- University of Calicut authorises all applications for funding and forwards them to UGC and other agencies.

- The College Development Council of the University promptly informs the College regarding schemes for developmental assistance and other academic programmes.
- Applications for FDP are routed through the University.
- The University stipulates clear cut norms for physical infrastructure in the College and the College diligently follow the same.
- The University approved Five PG Departments as Research Departments in the last five years.
- Timely monitoring of facilities is conducted by the University.
- The University approves the regulations and syllabi of various programmes. The University also approved the Examination Manual and other norms.

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, in what way College is benefitted.

The University of Calicut has a College Developmental Council which serves as an intermediary between the College and National and International agencies. The Director of the College Developmental Council promptly directs the College regarding mobilization of funds, exchange programmes, developmental projects and Faculty Development Programme.

6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized?

- The College gets feedback from parents and alumni through email and the parent's login facility is available in the website. This helps in recording the feedback so that appropriate action can be taken. The official email for responding and sending feedback to the Principal (Principal@stc.ac.in) is regularly used.
- Feedback from administrative staff is collected through staff meetings when they can respond to various aspects of governance of the college.
- Management and the Principal interact with teachers at three levels for getting feedback apart from informal ways. Departmental meeting, the College Council and the meeting of the teaching staff are the important venues for expressing the feedback of teachers. Apart from this the management and the Principal frequently interact with the teaching community.
- The General PTA and Class PTA are the official venues for parents to give feedback to the college. Apart from this, parents are regularly contacted by the teachers and they are also encouraged to give feedback.
- The OSA (Old Students' Association) of the College convenes regularly to discuss and deliberate on the issues regarding the governance and academics of the college.
- Academic Council, Principal and Governing Council punctually respond to the feedback after careful analysis, discussions and adoption of necessary steps. This feedback mechanism is one of the most important features of the college.

6.2.10 Does the College encourage autonomy to its academic departments and how does it ensure accountability?

- The college encourages autonomy to departments by giving responsibilities in curriculum design and to consult experts in the concerned fields to develop new syllabi.

- The departments have given ample freedom to start new programmes by developing new curriculum and by mobilizing funds.
- The departments are entrusted to set question papers and conduct evaluation. The panel of question paper setters are provided by the Department Heads in the capacity of the chairman of the Board of Studies.
- The external experts in the Academic Council and Boards of Studies intervene to check the academic progress and get the feedback from various stakeholders.
- Departments are also empowered to organise academic programmes such as conferences, seminars, lecture series and workshops.
- Departments take initiatives to observe days of academic importance and other programmes.
- Departments are encouraged to develop their own websites, journals and newsletters.

6.2.11 Does the College conduct performance auditing of its various departments?

The College consistently conducts performance auditing of departments through analysing the examination results, research outcome, publications and conferences and seminars organized, workshops conducted and number of teachers who have won international awards and fellowships.

The Controller of Examinations periodically informs the Chairmen of the Boards of Examiners detailed analysis of the strengths and weaknesses in the results of each semester examination.

The Chairmen of the Boards of Examiners discuss the detailed results in the department council meeting and arrange remedial coaching for weaker students. The academic Performance of the students of each Department is prepared on the basis of the data to ensure that excellence and quality are maintained.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts are made by the College to enhance the professional development of teaching and non teaching staff?

For Teaching Staff:

- To develop and enhance the teaching standards of the teachers, the college encourages them to attend Orientation and Refresher Programmes at HRDC.
- Those who do not have higher research degrees are advised to apply for M.Phil and PhD Degrees. The College supports teachers for pursuing postdoctoral studies. Many teachers take additional degrees in allied subjects.
- To enhance the research capability of the teachers they are encouraged to publish books and research articles in reputed national and international journals.
- The Librarian gives orientation to the staff on e-resources.
- International exposure of the teachers is ensured by inviting eminent academicians to the college for lectures and also by prompting teachers to attend international conferences, seminars and workshops. Various departments of the College organize international conferences by incorporating scholars and researchers from abroad.
- To integrate the teachers with the local governing bodies and industry, the college frequently creates avenues and opportunities.

- Orientation programmes are being organized by the College for teaching staff at the beginning of each academic year. In 2015-16, the orientation programme was conducted at Kerala Institute for Local Administration (KILA) on local and participatory governance.
- Teachers are encouraged and supported to start new programmes in their respective as well as innovative fields.
- IQAC is the official body of the college that helps in maintaining and enhancing professional quality of teachers. It frequently conducts seminars and conferences on the cutting edge research in the field of higher education.
- The Research Council conducts annually a research seminar exclusively for teachers on issues related to higher education and research.

For Non-Teaching Staff:

- The Administrative Staff is given training programmes in soft skills and new soft-wares which are helpful in effective management of the office matters.
- They are encouraged to participate in workshops and seminars conducted by various bodies such as Government, University and other Colleges.
- College conducts seminars and workshops on office automation and management.
- An association named *Thejus* which started on 08-08-1988 organizes cultural activities for the Administrative Staff.

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

The IQAC regularly monitors the performance of teachers through Self Appraisal Forms and conducts a detailed analysis.

Consequently, the teachers are encouraged to take up research projects, publish their findings, to apply for patents and to implement innovative methods in curriculum design and teaching.

6.3.3 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last five years?

- All the staff members are beneficiaries of GI (Group Insurance), SLI (State Life Insurance) and Personal Accident Insurance Schemes.
- The Mutual Benefit Scheme of faculty is meant for providing financial help to the family of a teacher who dies in harness or to the teacher who is permanently disabled to continue in service. At present there are 99 registered members under this scheme.
- For all the staff coming under the Self Financing Section there is an ESI (Employees State Insurance) scheme.
- The *Swayam Sahaya Padhathi* (Self Help Group) has been established especially for the welfare of the all non-teaching staff members.
- The registered Co-operative Society of the staff (No. R 471) runs a store which provides stationery and other articles at a subsidized rate in the campus. Seventy percent (70%) of the staff are members of the Co-Operative Society.
- The Non-teaching Staff manages a reprographic facility centre which provides copies and printouts at subsidised rate.
- Staff is provided with salary advance from the Management on request. Fifteen percent (15%) of the staff avails this facility at present.

- Hostel facility for staff is provided. Ten percent (10%) is availing this facility now.

6.3.4 What are the measures taken by the College for attracting and retaining eminent faculty?

The name and fame that the 100 year old College have is a deciding factor for attracting eminent teachers to it. The legacy maintained by the former faculty in the political, social and cultural fields is another important feature that attracts meritorious and brilliant teachers to the College. The College fully adheres to the norms of faculty appointment stipulated by University of Calicut and Kerala Government. Merit is maintained in all appointments. Even eminent teachers who retired serve as visiting faculty in various Departments.

The College opens up many new Research Centres where research and teaching go hand in hand. The prominent researchers who are working in reputed Research Institutes join as teachers in St. Thomas' College and they continue their research work here.

The advertisement for faculty positions appears in prominent national and regional dailies as well as in the College Website. Candidates who are well qualified with Post Doctoral Degrees, International Fellowships and who have prestigious profiles apply in plenty for notified vacancies. Consequently, there is a remarkable hike in the number of candidates appearing for interviews in the recent years. Apart from the exemplary academic environment, the intimate and warm ambience in the College retains the faculty who once joins here.

6.3.5 Has the College conducted a gender audit during the last five years? If yes, mention a few salient findings.

The Women's Cell in the College annually conducts a gender audit to analyse the participation of women in various academic and cultural programmes. It is evident that the role of women in all levels of activities is rapidly advancing and it is also found that women are more confident to express themselves and participate in social activities.

Sl. No.	Activity	% of Female Students
1.	Total Intake	73%
2.	NCC/NSS	48% / 56%
3.	Membership in Various Clubs	63%
4.	Arts Festival	69%
5.	Scholarships	58
6.	Academic Ranks & Positions	85%
7.	Campus Placements	45%

6.3.6 Does the College conduct any gender sensitization programs for its staff?

Every year the College conducts programmes for gender sensitization. The teachers are trained to tackle with the well being of female students. Women's Cell conducts programmes for lady teachers and students in order to sensitize them regarding their rights and privileges in work environments. The feedback of female teachers and students regarding their needs and opinions are frequently sought and proper actions are implemented without delay.

- *Kalalaya Jyothi* awareness Programme was organized jointly by the Kerala State Women's Council and Women's Cell of St. Thomas' College, Thrissur on the 19th November, 2013.
- Prof. K.A Thulasi, Kerala State Women's Commissioner and Dr. Bastian K led the gender sensitization programme in 2013.
- International Women's Day celebrated by Women's Cell. Chief Guest Dr Jancy James on 10th March 2014.
- Awareness Class on Health Hazards of Cosmetics, 18th March 2014. Dr. Divya Ramkumar, Consultant Dermatologist and Cosmetologist, Carewell Clinical Centre, led the classes.
- Self Sufficient Women: Empowerment through Laws, a programme for women on 14th August 2014 in Menachery Hall. Programme was inaugurated by Sri. Prakash R.T., Sub Judge and Secretary, District Legal Services Authority.
- Celebration of International Women's Day inaugurated by Prof. Dr. P. Bhanumathi, Founder, AMHA, 10th March 2015.
- "Knowledge about Right to Information Act" a class for Post Graduate students on 24th March 2015 was led by Adv. Sunil Kumar (*Jananeethi*)
- Inauguration of the Activities of Women's Cell (2015-2016) on 20th July 2015, was done by Dr. T.S. Lancelet, Head & Prof of Dept. of Geography SSUS, Kalady.
- Women's Cell conducted a programme on "Breast Feeding and Work; Lets Make it Work" for the Post Graduate students on 13-08-2015 Dr. Navya C.J., Asst. Prof. Dept. of Community Medicine, Amala Medical College led the class.
- Empowering Women- Comparison in India and other European Countries: Women's Cell conducted a programme on "Women Empowerment-Gender Issues" on 20-08-2015 Prof. Beate Kowalski, Technical University, Dortmund, Germany.

6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

Teachers of the College attend Orientation and Refresher Programmes conducted by UGC-Academic Staff College (HRDC). They are given training in advanced pedagogical methods; ICT enabled teaching techniques and curriculum development. The teachers participating in the Orientation and Refresher Courses get updated and inspired. In the last five years 27 teachers attended Orientation and 11 teachers attended Refresher Programmes.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

The Finance Council consisting Principal, Bursar, Senior Teachers, Consultants, Chartered Accountants and IQAC Co-ordinator is the monitoring body in the effective use of financial resources. As per the UGC notifications concerning various funds, the Finance Council tries to avail funds by submitting projects required for the College. The Finance Council after receiving the funds plans the procedure for its distribution and expenditure. The Finance Council ensures the optimum utilization of funds and verifies all documents associated with the expenditure thoroughly and

the audited income/expenditure report and utilization certificate are sent back to the concerned funding source.

The Planning Board of the College designs detailed plans for funds from UGC such as GDA, Additional Grants, Science Research Grant and Grants for Autonomous Colleges. Meeting of the Planning Board is convened at the end of every year to formulate plans for the upcoming year. The Purchase Committee of the College makes sure that all the norms and quality of purchase are strictly followed.

6.4.2 Does the College have a mechanism for internal and external audit? Give details.

The College has the Finance Council which also serves as the internal auditing agency. The external audit is conducted by a professional financial accounting firm and it is further verified by the Department of Public Fund Audit. The Directorate of Collegiate Education also conducts annual audits on public funds utilized by College.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

The audited account statement of the College in the last five years is given below:

Income & Expenditure Account

2011-2012

Sl.No	Particulars	Income (Rs)	Expenditure (Rs.)
1	Tuition Fees and Fine	16,81,200.00	16,81,200.00
2	Spl. Fees P D a/c	24,39,855.00	27,25,562.79
3	University Fund Exam Fee	10,36,425.00	10,36,425.00
4	Salary	8,80,63,919.00	8,80,63,919.00
5	Others	2,28,71,026.00	2,28,60,906.00
6	Scholarship	5,65,642.00	5,65,642.00
7	State. Government Grant	21,55,651.00	21,46,976.00
8	NCC/NSS	1,05,107.00	1,05,107.00
9	Contingency Account	17,81,283.07	17,68,782.57
10	Project	45,11,863.00	78,28,218.00
11	UGC Grant	84,40,017.00	84,39,795.00
12	Opening Balance	83,99,268.57	
13	Closing Balance		48,28,723.28
Total		14,20,51,256.64	14,20,51,256.64

2012-2013

Sl.No	Particulars	Income (Rs.)	Expenditure (Rs.)
1	Tuition Fees and Fine	24,48,389.00	24,48,389.00
2	Spl. Fees P D a/c	50,67,660.45	51,17,196.59

3	University Fund Exam Fee	9,21,505.00	9,21,505 .00
4	Salary	7,22,28,846.00	7,22,28,846.00
5	Others	65,75,995.20	55,84,260.20
6	Scholarship	3,10,172.00	3,10,172.00
7	State. Government Grant	41,03,482.00	38,91,422.00
8	NCC/NSS	1,07,861.00	1,07,861.00
9	Uty. Exam Remuneration	2,43,087.00	2,43,087.00
10	Project	13,09,930.00	13,09,930.00
11	UGC Grant	1,41,85,312.00	1,41,85,312.00
12	Opening Balance	30,38,549.57	
13	Closing Balance		41,92,808.43
Total		11,05,40,789.22	11,05,40,789.22

2013-2014

Sl.No	Particulars	Income (Rs.)	Expenditure (Rs.)
1	Tuition Fees and Fine	17,10,560.00	17,10,560.00
2	Spl. Fees P D a/c	45,11,323.00	37,20,329.80
3	University Fund Exam Fee	9,90,125.00	9,90,125 .00
4	Salary	10,79,27,890.00	10,79,27,890.00
5	Others	2,40,11,633.90	2,40,11,633.90
6	Scholarship	3,85,385.00	3,85,385.00
7	State. Government Grant	4,58,022.00	4,58,022.00
8	NCC/NSS	30,500.00	30,500.00
9	Uty. Exam Remuneration	7,14,656.00	7,14,656.00
10	Project	5,59,120.00	5,59,120.00
11	UGC Grant	2,57,47,939.00	2,57,47,939.00
12	Opening Balance	90,69,241.17	
13	Closing Balance		98,60,234.37
Total		17,61,16,395.07	17,61,16,395.07

2014-2015

Sl.No	Particulars	Income (Rs.)	Expenditure (Rs.)
1	Tuition Fees and Fine	2,84,800.00	2,84,800.00
2	Spl. Fees P D a/c	19,77,930.00	18,78,635.00
3	University Fund Exam Fee	10,43,416.00	10,43,416 .00
4	Salary	7,85,45,038.00	7,85,45,038.00
5	Others	71,88,253.00	71,88,253.00

6	Scholarship	42,59,256.00	42,58,556.00
7	State. Government Grant	5,41,406.00	5,41,081.00
8	NCC/NSS	2,12,195.00	2,12,195.00
9	Uty. Exam Remuneration	8,53,377.00	8,53,377.00
10	Project	76,39,053.00	98,13,127.00
11	UGC Grant	57,50,000.00	65,68,191.00
12	Opening Balance	98,60,234.36	
13	Closing Balance		69,68,289.36
Total		11,81,54,958.36	11,81,54,958.36

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

The College makes sure that proper financial auditing is conducted every year by the College auditors and the government auditors. No serious objections have been reported so far.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

The College has a multilayered mechanism for mobilizing funds. The Planning Board of the College is responsible for devising plans for raising funds from various sources.

- UGC is one of the major sources of funding for developmental activities, renovations, academic resources such as books and journals, infrastructure such as lab equipments, computers, outdoor and indoor stadiums. According to the notifications of UGC, the Planning Board designs various projects, proposes budgets and submit to the UGC. For research purposes, teachers receive Major and Minor Research Project Grants and Travel Grants from UGC.
- The College has availed funds from UGC to run academic programmes such as Bachelor of Vocation (Digital Film Production and Medical Lab Technology), Community College Programme (Diploma in Visual Communication), Innovative Programmes (PG Diploma in Industrial Catalysis and Sustainable Chemistry and PG Diploma in Visual Media)
- UGC Seminar Grant is promptly availed to organise academic programmes.
- From the Government of Kerala, the College receives grant-in-aid for salary.
- The College receives financial support from DST, KSCSTE for lab projects and academic programmes.
- Scholarship for Students is availed from UGC, MHRD and Kerala Government
- In 2014-15 the college received Rs. 20 Lakhs as Autonomy Grant from UGC.
- PTA and Alumni support the various projects of the College as per the plan designed by departments and organizations of the College.
- Management contributes to scholarships to students, construction of buildings, maintenance and infrastructural development of the College.
- Income from Self Financing Courses is also used for College development.
- On public holidays and weekends, the halls, class rooms, open air auditorium and indoor and outdoor stadiums are rented out to the public.

6.4.6. Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.

The Management has been maintaining the corpus fund by depositing a portion of annual income.

6.5 Internal Quality Assurance System

Internal Quality Assurance Cell has a pivotal role in defining, planning, and monitoring quality assurance and quality enhancement. Quality enhancement being a continuous practice, IQAC serves as an integral part of an institution's system in realizing quality enhancement and sustenance. IQAC attempts to develop a conscious, vibrant and consistent mechanism to enhance, mobilize and promote a culture of quality.

6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

Academic Audit is an IQAC driven model of self reflection and peer feedback for quality improvement and excellence in teaching and learning to ensure students' success. An internal academic audit is conducted by every Department in six months and there is an annual academic audit conducted by IQAC in which each Department has to produce an academic report and supporting documents. The Departments promptly report the progress in accordance with the year plan, attendance of the students, research activities of the faculty including major and minor projects and publication of papers in peer reviewed journals to the IQAC. The results of the audit are discussed with external experts and the suggestions are informed the concerned staff for improvement. The following are some of the activities of IQAC related to academic audit:

- The students are continuously evaluated and monitored through internal examinations, assignments and seminars.
- Semester-Wise progress of the students is intimated to their parents through the College website and through the class Parents Teachers Association (PTA) meetings.
- As per the audit, weak students are provided with remedial coaching.
- Department Council which consists of both male and female student representatives from each batch meets regularly to express their views on curriculum development, academic progress and other activities.
- Students' response to teaching and learning are collected and analysed through SET (Students' Evaluation of Teachers) and informed the concerned teachers.
- The progress of Major and Minor Research Projects are annually reviewed.
- The feedback and report of seminars, conferences and workshops are monitored by IQAC.
- The admission of research students and the progress of their works are reviewed once in six months.
- Extension activities are monitored and the report of the nodal agencies / Departments are analysed.
- IQAC consistently reviews the processes of curriculum design and consult experts regarding innovative measures and methods.

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

- Installation of the academic Management System, *Linways*, is an exemplary milestone in teaching, learning and evaluation. Multi-layered academic practices of uploading and downloading of study materials, attendance, assignments, evaluation and feedback ensure students complete participation in the academic environment.
- IQAC advises teachers to participate in seminars, conferences and workshops and they are financially supported.
- As per students' feedback, IQAC encourages students to participate in workshops, seminars and conferences outside the College and they are also financially supported.
- The Coordinator of the Research Council is an invited member of IQAC and the coordinator reports research admission and other details.
- IQAC supports financially all academic departments to conduct a conference (national/international) every year.
- Teachers and PG students benefit highly from IQAC seminar/conference on higher education and research conducted every year.
- IQAC proposes online examination and evaluation in order to strengthen the evaluation process.
- IQAC conducts SWOC analysis to explore the possibilities and realize the challenges of the present higher education scenario.
- IQAC insists the use of Information Communication Technologies in teaching and learning by employing digital technology.

6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The IQAC of the College serves as the central agency which reviews the teaching learning process. The IQAC comprises of external experts, academicians, alumni, industrialists and representatives of the Management and teachers.

It is under the directives of the IQAC that the curriculum is redesigned in accordance with the feedback from students and other stake holders. Student friendly teaching methods were implemented based on the recommendations of IQAC. On the basis of studies conducted, the IQAC recommended the Management to increase the ICT infrastructure for effective teaching and learning. Students are the focus of the learning process. Examination and evaluation are made very prompt and time bound and the two internal exams are conducted in each semester to enhance the quality of evaluation process.

6.5.4 How has IQAC contributed in institutionalizing quality assurance strategies and processes?

- The academic processes are monitored and its proper feedback is collected.
- Teaching, learning and evaluation are consistently reviewed and suggestions for further improvement are informed to the concerned bodies.
- The strategies for ensuring financial support for various academic and administrative programmes are designed and implemented.
- Regular monitoring of research projects, publications and participation in seminar/conference/workshop by teachers and students.

- Research orientation of all academic programmes is ensured and research scholars are given timely support and proper grooming.
- Supports the Research Council to organize an annual Research Scholars Meet to maintain research quality.
- Encourage teachers to take up Minor and Major Research Projects and informs them of the guidelines of the same.
- Student Evaluation of Teachers (SET) was made a part of the Academic Calendar.
- IQAC has made it mandatory for every Department to conduct a Seminar/Conference every year.
- IQAC financially supports the two Research Journals from the College.

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

IQAC has been constituted as per the directives of the UGC with the following members.

Principal - Chairperson

Five senior teachers and one senior administrative official

Two external experts on Quality Management/ Industry/Local Community

Coordinator – Member Secretary

The external members of the IQAC throw light upon the ways in which interaction with industry can be enhanced. Being eminent academicians who have national and international exposure, the external members and faculty representatives are able to provide clear cut guidelines for assuring quality and excellence in learning teaching and evaluation.

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

- Every class tutor maintains a file of the students in each class with details pertaining to their personal and academic aspects. Their growth and progress are monitored by the class tutor and the Heads of the Departments.
- The students from socially backward sections who find it difficult to improve their marks substantially, the College with the support of IQAC has started a remedial programme with the financial help of UGC.
- The IQAC makes sure that the policy of the College to assure equity to all sections of the society without any fail.
- Remedial Coaching Programme has been conducted very successfully in the last five years.
- Students from SC, ST, and OBC categories have benefitted immensely from the remedial coaching programme.

6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

- Periodic review of Administrative Staff is done by the College Council and the Management Committee through feedback from students, parents and teachers. One of the Vice-Principals is in charge of monitoring the duties of Administrative Staff.
- Review of progress of academic departments has established itself as a policy and is done through an annual academic report of various departments which consists of academic programmes like seminars, workshops, invited lectures, curriculum design, grants, fellowships, extension lectures, outreach

programmes, research publications and projects. Governing Council, Academic Council, College Council, IQAC, Research Council and Library Advisory Committee monitors the functioning of academic departments, research centres and library.

- Policy-wise, there is an agreement among the faculty that emerging subjects of relevance should be included in the curriculum. It is by referring to the syllabi of institutes of international repute that teachers design the curriculum.
- It was under the initiative of IQAC that many Departments started Research Centres. They should be upgraded annually depending on the number of student intake, number of patents and publications and changes in international research arena.
- Boards of Studies review curriculum; Research Council monitors the research activities and Library Advisory Committee monitors the knowledge flow of the College.

CRITERION VII

INNOVATION AND BEST PRACTICES

7.1 Environment Consciousness

Our institution strives constantly to shape up a society which cares: cares to protect, promote and preserve life and nature. Realizing the importance of sustainable development, many activities are undertaken to make the campus eco-friendly and to sensitize students on the ecological issues. Constant efforts are made to minimize the waste generated in the campus. The College has reduced paper usage by setting up an electronic messaging system, digital display, by introducing an online application process for student admission, centralized announcement system and intercom for all communication between the departments, A plethora of events are organized each year to create awareness on the need for a planet which is clean and green. The College is committed to environmental protection and follows green practices in all its policies and decisions. The College uses energy star compliant equipment such as air conditioners and refrigerators, LED lamps for minimum power consumption. The College ensures suitably rated fuses, cables, transformers and motors which are energy efficient to minimize power consumption. The College minimizes the use of plastic bags and containers to the extent possible for the reduction of the carbon footprint. Electronic waste such as scrap computers and peripherals are segregated and disposed through a suitable agency.

7.1.1 Does the College conduct a Green Audit of its campus?

Yes. In the process of Green audit, the College considers five aspects, namely:

- Environment awareness analysis: Awareness analysis is conducted by distributing questionnaires, leaflets on water and energy conservation.
- Quality analysis of Air, Water and Soil: The air, water and soil quality are analysed and found near to national standards.
- Sustainable approach in the consumption of the resource: In the Physics Department the electrification is changed completely to ISI standards to initiate conservation of energy. Gradual replacement of existing bulbs and tubes to LED. Teachers and students are encouraged to use public transport system to save fuel. Students are also encouraged to save energy by avoiding food once in a month.

Energy conservation: Measures to bring in solar power to the campus in a large scale are under process. Solar water heater, time relay system of electrical equipments and efforts to use optimum use of natural lights in the laboratories are initiatives in this direction.

Water auditing has been done to identify, quantify, and verify how much water is used in the college and to suggest measures for conserving water.

- Reuse and recycle of waste generated: Food waste is used for vermi-composting and other canteen waste utilized in the biogas plants.
- Biodiversity analysis is conducted to study the flora and fauna in the campuses. All these activities are also helpful in creating awareness among teachers and students.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Energy conservation

The College gives due importance to energy conservation. The College propose to change most of the lighting systems to energy saving CFL and LED systems. Power consumption is significantly reduced by facilitating LED light sources and by minimizing the use of bulbs and by promoting the habit of using natural light from open windows in all classrooms. Various eco-conscious attempts initiated by the college helped both the students and the public to practice energy conservation awareness through technology and also inculcated the spirit of service in them.

The College's drive for energy conservation extends to the practices of electronic chokes for tube lights, replacing Computer CRT monitors with LED and LCD type monitors and insisting the students to make use of the public transport systems. Moreover the college offers an open course, 'Non Conventional Energy Sources' through the Physics department which not only creates awareness but also instils an interest in the students about the relevance of the topic in a world facing energy crisis. These strategies will be of great help to the students who dream about opportunities in different walks of society including civil service, politics, social service, journalism etc. It may also open up new career opportunities such as energy and environmental auditing. Energy and Environment Conservation Club (EECC) with its committed approach towards energy related issues conducted 'Usage of Energy' survey at Ward 16 of Puthoor Panchayat, Thrissur in the academic year 2010 – 11, and organized a seminar on 'Energy Crisis and Energy Conservation' and piloted the distribution of leaflets. The Club celebrated National Cycle Day on 22nd September 2014, National Science Day on 6th February 2015, besides organizing a seminar on the topic 'Nuclear Power Programme and Environment' by Dr. B. N. Dileep, Head, Environment Survey Laboratory, BARC, Kaiga, Karnataka and World Environment Day on 5th June 2015 with an orientation talk by Dr. N. Sasidharan from KFRI and presentation of papers related to the topic, by research scholars. Departments of Botany and Economics piloted the proceedings of the day. National Science Day was observed with a seminar and quiz competition for students by the Department of Zoology in 2014 and 2015.

Use of renewable energy

The waste from the canteen is recycled in a biogas plant and converted to biogas so that the same can be made use of in the canteen itself.

Water harvesting

Rainwater harvesting technology is used in the Departments of Zoology and Chemistry. Rain water collected like this is free from inorganic and organic impurities. It is found to be safe and pure for laboratory usage. In the Academic Block a large scale mechanism for rainwater harvesting is being constructed which will almost meet the water demands of the College; which gives a message of water conservation to the entire academic community. Water quality of Mundathikcode Panchayath (near Medical College, Thrissur) was analysed under the guidance of Ms. Geethu Elizabeth Thomas, Department of Botany, during 2013 – 14. The college has sensitized both the students and the public about the need for water quality checks. Phytoremediation of Waste water by using herbaceous plants such as *Syngonium podophyllum* and *Pistia stratiotes* has been conducted by Dr. Ignatius Antony, as a part of his PhD programme.

Check dam construction

The institution is searching for the possibilities of constructing check dam in the centenary campus. The importance of check dams are reiterated in seminars related to water conservation.

Efforts for Carbon neutrality

Students were given saplings of tree species for this purpose and encouraged to plant them. The College has taken initiative to distribute saplings of 'Lakshmitharu' (*Simaruba glauca*) and 'Mullatha' (*Annona muricata*) to students and staff of the college on 26th March 2015. Ensuring the active participation of the students the institution has established herbal garden with medicinal and economic plants including RET Species.

Hazardous waste management:

Hazardous waste such as batteries, chemicals and other waste from the laboratories are properly processed and disposed.

E-waste management:

Some of the computer parts and components are reused (mother board, processor, chip, capacitor etc.). Hardware is given to students for study purpose. Some of them are used to present in IT exhibitions. The remaining old devices are returned to the authorized company to reduce e-waste through suitable agencies.

7.1.3. Other Innovative Practices in relation to environment:

Dr. Ignatius Antony supervised the study of the quality of pipe composting programme launched by the Thrissur Corporation during 2012-13. Conservation strategy for critically endangered species *Syzygium travancoricum* from Kalashamala Hills of Thrissur district was developed in collaboration with District Planning Board, Thrissur by Dr. Anto P.V. and a documentation CD was submitted to the State Planning Board detailing the conservation measures to be undertaken in 2014.

The Department of Statistics has initiated the graduate students to conduct surveys in the nearby institutions regarding waste management and to analyze those data using SPSS.

The Department of Zoology has conducted environmental programmes and workshops like Insect Taxonomy, Women - Clean Water, Health Care and Sanitation Technologies, Ozone Day Celebrations, World Wetland Day Celebration and Butterfly Identification for School Students.

Students with aptitude and interest are encouraged to do research projects in biodiversity, environmental issues in local habitats both at UG and PG levels. This not only gives students a direct experience but also provides authentic and scientific documentation of the local biodiversity. Inspired by the efforts taken by the institution some of them did their projects by familiarizing with nature.

The students of UG and PG programmes are taken to field-trips providing them with a direct experience of nature and natural habitats and to develop appreciation of natural resources in them. During such occasions they also visit other institutions to learn about various biological and environment friendly techniques. The trips covered places like Marine ecosystem at Thikkody beach, Kozhikode, Calicut University Herbarium (CALI), Sholayar forest, Yearly one day trip to forests: Peechi – Pattikkad forest, Mayannur river and forest, Mangad – Cheruchakki waterfall, Wayanad – Ooty, Kerala Agricultural University, Mannuthy, Banana Research Centre, Kannara.

The faculty from the Department of Zoology has published 22 research papers towards the documentation and management of bio-diversity and nature. The department offers various courses to improve the knowledge of its students in environment and ecology and to initiate research in areas like Environmental Biology, Wildlife Conservation, Toxicology and Ethology. The students visited Pookode Lake, Muthumalai Wild Life Sanctuary, Muthanga Wild Life sanctuary Wayanad, Mysore Zoo, Hyderabad Zoo, Ranganathittu Bird Sanctuary, Eravikulam National Park, Silent Valley, Chinnar, Marottichal, Marayur and Kandalloor forest, Thekkady, Parambikkulam etc.

The Department of Economics pays attention to creation of awareness about environment among students and faculty. The basis of the discipline itself is scarcity and choices that we have to do in order to make life sustainable. The Syllabus of MA Economics has a module which is dedicated to Environmental Economics. The Department has been trying to organise programmes which would generate environment consciousness among students. Some examples are the programmes organised under the banner 'OBSERVE'. Under this series, various days of importance are observed in the department. Talks by experts are organised under this programme. Students prepare posters, charts etc. and display them in the corridors so that environmental awareness is spread. The department of Social Work has conducted 'Thudi': a community living camp at Peechi, Vazhani, Vazhachal as apart of Green India mission for afforestation, improvement of degraded forest and farm forestation. The College observe 'Earth Hour' on 19th March every year.

The available land in the campus has been converted to an eco-friendly garden by planting medicinal, ornamental and shade-giving trees and plants. When the open theatre was constructed the college made sure that no plants were cut and some new trees were planted. The College sorts out plastic waste and take it to the waste management plant provided by Thrissur Corporation. Food waste is promptly transported to a vermin-compost plant, recycled into fertilizers, which are used for the gardens in our college. The water fountain in the administrative block attracts aquatic organisms and water loving birds.

7.2 Innovation

7.2.1

The college initiated innovations in three different levels namely, Citation Analysis for Researchers, Curriculum design and Development of skill based programmes in media and communication studies.

i. Citation Analysis Scheme

The necessity of publishing scholarly articles leads to the concept of citation as a yardstick for measuring the quality of articles. Rather than exploring the impact factor of the journals in which a researcher publishes articles, the citations to her/his own articles are a more realist measure of the impact of an individual researcher. Therefore an analysis based on the number of citations indexed by Google Scholar has been found to be a significant criterion and the College, under the leadership of the Librarian initiated a method for it.

Google Scholar Citations provide a simple way for authors to keep track of citations to their articles. Authors can check who is citing their publications, graph citations over time, and compute bibliometrics. The bibliometrics are computed and updated automatically as Google Scholar finds new citations to their work on the web.

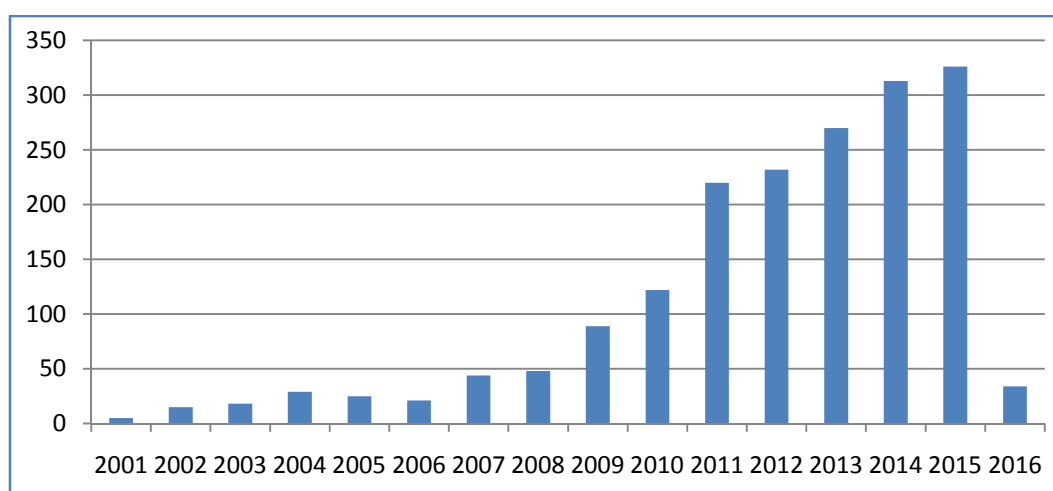
Profile of St. Thomas' College (Autonomous), Thrissur on Google Scholar

A new profile on Google Scholar was created for St. Thomas' College at <https://scholar.google.com/citations?user=Qr1ThFcAAAAJ>. 262 articles were found on Google Scholar by the faculty and research scholars of St. Thomas' College and added to the profile. There are chances to have more articles on the web which are not indexed by Google. The citations to those articles are computed automatically by Google Scholar by its search bots.

Criteria for inclusion of articles in the profile were decided as:

- Past and present articles of the faculty currently working in the college irrespective of their affiliation.
- Articles which bear the name of St. Thomas' College in the affiliation part of the papers, in case of the former faculty and researchers of the College.

A graphical representation of the citations received by the College faculty per year shows that the number of citations received are growing each year.



Citations received by the College faculty.

Limitations of analysis

Google is essentially a search engine and is not able to reach all indexed articles in the World Wide Web. The details of the articles published by the College faculty have to be obtained before a detailed study on the topic.

ii. Curriculum Design and Development in New and Emerging Areas

The intention behind innovations in curriculum design development in new and emerging areas is to instil academic and professional advancement of students, teachers and stake holders. A broad spectrum of efforts have been launched since 2011, keeping in mind the ample possibilities of autonomy for colleges in Kerala started in 2014 (St. Thomas College is the first autonomous college in the University of Calicut) and the subsequent radical shifts in teaching and learning practices. Consistent efforts have been implemented to analyse, experiment with and transform existing curriculum and its axioms through workshops, consulting experts and taking into account the suggestions of stake holders. Many luminaries including renowned scientists, social scientists and men of letters came to the College to interact with the faculty in this regard. All UG and PG programmes have been strategically restructured keeping in mind the technological and scientific advancements, new theories and contexts in social sciences and humanities and the evolution of new

movements and articulations in arts and languages in an effort to make the curriculum more contemporary, accurate and directly addressing the needs of the community.

The PG departments and Boards of studies attempt to provide a research orientation and competency for national level eligibility tests such as UGC NET, JRF, CAT, GATE, MAT etc. to the PG students, while the UG students are given job and career orientation and soft skill development.

Each UG department has developed a certificate programme which is to be implemented in the autonomous mode and fulfil the requirements of skill orientation and training to all students. The PG Departments have designed certificate programmes to cater to the needs of post graduate students regarding job opportunities, soft skill development and career orientation.

iii. Skill based programmes in media and communication studies

The development of the curriculum for Bachelor of Visual Communication and Master of Visual Communication programmes has immense significance in the context of job opportunities.

The third Innovation initiated by the College is the development of skill oriented programmes at UG and diploma level in media and communication studies specifically in the wake of the rise of National skill Development Council and sector skill councils. Three programmes were designed with a focus on skill training and two programmes were approved by the UGC under B.Voc. Programmes and one under Community College Programme. The B.Voc. Programme in Digital Film Production is highly appreciated for its course content and job orientation while B.Voc. Medical Laboratory Technology assures ample job opportunities in India and abroad. The One year Diploma programme under community College programme entitled 'Diploma in Visual Communication' opens up immense job opportunities in TV, advertisements, education and entertainment. The design of skill development programmes has deep impact on career oriented and skill based job sectors and many students make use of this opportunity. The College has designed and developed visual media and communication studies programmes to cater to the needs of students who wish to build their career in entertainment and media sectors.

7.3 BEST PRACTICES

Best Practice 1

1. Title of the Practice: St. Thomas for Students' Excellence (SSE)

2.Goal:

The different departments in the college are actively involved in enhancing the overall results and academic excellence of students. By giving lessons and coaching classes beyond the classroom teaching hours, the college has attracted students even from nearby colleges. The aim is to improve collectively, the achievements and performance of students. These programmes are primarily aimed at weaker and enthusiastic students to have a one-to-one interaction with teachers. They are also meant to train and equip students to face out-of-the-curriculum exams and tests. Such programmes have received tremendous support and help from the teachers and appreciation from the students.

3. The Context:

Due to socio-economic disparity, students of the college come from various backgrounds and with different abilities. To minimize the differences in their performance the college decided to give extra lectures and teaching classes to the needy. Some PG students needed training to appear for UGC/CSIR NET examination

and also needed teacher training programmes. Most of the students are not able to afford financially private NET coaching courses of other external centres. The facility given at the college was even utilized by students from nearby colleges. A subsidized fee is collected from the candidates which will be reimbursed as and when they qualify in the tests. The College has started various teaching programmes also, aiming at the overall development of students' achievements by giving extra tutorial lectures. Students from all the departments teach at an orphanage thereby enhancing their teaching abilities which would equip them for future teaching careers and is also meant as a service to the society at large. These programmes are not a burden on the students and they have garnered the benefits of these courses.

4. The Practice:

To alleviate the performance differences among students the following programmes were initiated: ASAP, SASAP, EXCEL, Employability Skills and Personality Enrichment Programme (ESPEP), Communication Skill Development Programme (CSDP), UGC-NET coaching by the competent members of faculty of all departments, JAM, UGC assisted Remedial Coaching for Weaker sections, Remedial Coaching for Under-performing students, Communication Skill Development Programme (CSDP), Walk With a Scholar (WWS) and Research Methodology Courses. Education Council of Kerala which aims at imparting skill training to students has initiated this project (ASAP) in tune with the proposals of the National Skill Council. For Skill Development Executives (SDE), 61 students have registered and 21 students were selected for the higher level training programme.

SASAP (Santhome Academic and Social Assistance Programme): A number of teachers and students from the college give free tuition classes for students at St. Anne's Orphanage, West Fort, Thrissur. This has enabled the students of the college who go there to get training in teaching which would equip them for future teaching career.

EXCEL is an innovative programme launched in 2012 to motivate and train brilliant school students of Thrissur district for Civil Service Examinations. The organisation of the programme is done by the Management of the College and the classes are given by our faculty.

Employability Skills and Personality Enrichment Programme (ESPEP) is organised by Career Guidance and Placement Cell to develop personality and skills for the students.

UGC-NET coaching classes are conducted by competent faculty from all the departments. Eminent and well known teachers are invited for these courses on Saturdays and Sundays. Students who attended these courses have shown better performances in competitive exams and they have found it useful in their future research career. Communication Skill Development Programme attempts to enhance the interpersonal communication skills. The JAM programme is meant for bachelor students in Physics to enable them to enter in prestigious scientific and technological institutes.

Those students who under-perform in regular classes are given remedial teaching classes by teachers. These classes are conducted usually, either before the commencement of regular classes or after the regular class. The remedial classes are mainly aimed at UG students of first and second years and by the third year they have been found to improve significantly.

For the research scholars in various departments the college organize a Research Methodology Course for scholars to initiate them to the methodologies and

stages of doing research. Teachers of the college regularly visit the homes of students to understand their backgrounds and living conditions so that they can develop better rapport with students and parents. This has helped teachers to identify underprivileged students and provide better academic and moral support.

The College plans to provide an Advanced Certificate Course (ACC) for every student in the college. A student can attend a course in a specific subject, usually conducted after the regular classes. Every department in the college has prepared the syllabus, course structure and collected materials for the course and is waiting for the concurrence from the affiliated university. The ACC is meant as a course that would train students in practical, industrial and application level understanding of their subjects.

5. Evidence of Success:

The College started the UGC NET coaching in 2013 and found it to be highly successful as **81** students have passed the UGC/CSIR-NET examination and we have quite a few rank holders in the university. The number of students who do higher studies and do research in institutions and universities of academic excellence is high. The support classes given to students have also raised the performance level of students as is evinced from the final year results. These training programmes for students have given them new academic and social skills which equipped them to face campus interviews and the number of students who got jobs through campus interviews is 478. Eighteen Ph.D. scholars were awarded their degrees through the various research departments of the college. Overall these support programmes have helped in increasing the quality of education and the extra-mural interaction between students and teachers. It is also to be noted that it is not just students of the college who have benefitted from these endeavours but students from other colleges and school students from Thrissur district.

6. Problems Encountered and Resources Required:

On holidays the college has enough space to accommodate all the outreach programmes. But on working days the space constraint is evidently visible. Another challenge was to find time-slots for the classes. Even though teachers come early and leave much later after the regular working hours, the time slots for engaging the classes have been difficult to arrange. Most of the students come from remote areas and they cannot attend classes during late hours. Paucity of funds for buying books, study materials and other infrastructural needs and also for inviting teachers are other challenges that were of concern.

Best Practice 2

1. Title of the Practice: St. Thomas' for Society (SFS)

2. Goal:

The main objective of this initiative by the staff and students of the college is to reach out to the society at large and to give back to the community and nation that made possible the success of the college in the field of higher education. From programmes which are meant to give awareness to general public about social issues to helping financially students from poor background, this initiative has been found to be of immense help to many. These programmes have also enabled a better interaction between the college and the society in which the college is embedded.

3. The Context:

There is a growing tendency in today's academia to reach out to the society at large and contribute to the wellbeing and betterment of social conditions. As an

institution committed to the ideals bequeathed to us by the builders of our nation we had to find a way to give back to the society. Students and staff of the college are eager to contribute to the society and nation because we find disparity in many areas. The most important arenas in which we have contributed are helping the financially weak, the marginalized and the suffering. 'St Thomas' for Society' is thus a collective initiative of students and staff of the college to understand social problems plaguing immediate local community in Thrissur to integrate these issues with academic study. By this, students and faculty have found new means of identifying, analyzing and finding practical solutions for various social issues. The main advantage of the programmes under this rubric is that more and more people in the marginalized social groups are benefitting meaningfully from these activities.

4. The Practice:

It is a given fact that poverty and economic deprivation is still a reality in India and Thrissur town is not an exception. To inculcate feelings of charity, brotherhood and kindness to fellow humans, the college initiated various programmes meant specifically for the betterment of community in Thrissur district.

The blood donation programmes organised by the students and staff for Blood Bank, Indian Medical Association, Thrissur and for deserving patients in the Jubilee Mission Medical College, Government Medical College and District Hospital is an exemplary social service practice. The Counselling Centre situated in the Jubilee Block, under the auspices of the Department of Social Work is an innovative move forward to provide counselling to the needy in the society.

To help students without a proper shelter, the college started a programme named *Sahapadikkoru Veedu* (House for a Classmate). For this, every Friday during the class teachers' hour, students voluntarily contribute money to build a house for homeless students in the college. The programme is underway and we have collected a sizeable amount for this. Many students donate their lunch on every Friday and these are distributed to the nearby hospitals and orphanages and the food reach the needy in time by Jesus Youth volunteers.

Another activity, initiated by the Social Work department was that of collecting money every year for dialysis patients. As dialysis is an expensive process, many patients in the nearby hospitals find it difficult to amass money for the treatment. To alleviate this issue the money collected is promptly given to the disadvantaged patients.

Visiting old age homes and homes of physically challenged individuals is another activity carried out for students under the guidance of teachers. Every month students and staff of the college visit old age homes, observe and understand their living conditions and help them lead a better life. Faces of our teachers and students are familiar to the inmates of Athani Peace Home, St. Joseph's Home Pullazhi, Christeena Home Pullazhi and Damien Institute Mulayam, Government Old Age Home, Ramavarmapuram since they regularly go there and interact.

Mainly under the initiative of Social Work department the college observes all important international days of social importance. International days like World AIDS Day, Human Rights Day, Alzheimer's Day, World Cerebral Palsy Day, Women's Day, World Environment Day, Old Age Day, World Mental Health Day, World Disability Day, and Social Work Day are observed in the campus and at times extended beyond the campus. The various programmes associated with these days, like street plays, rallies, camps, distribution of leaflets, quizzes, exhibitions, seminars and conferences are conducted in order to impart awareness about social issues to

students and general public. *Cartia Calcio* (Charity Football) is a programme launched by the Department of Commerce at Jubilee Block to raise funds for free dialysis at Jubilee Mission Hospital and 25 patients are supported by the programme every year.

In tune with the mission and vision of the founders of the college the AICUF (All India Catholic University Federation), visits prison houses, old age homes and foundling homes, works to sensitize against the horrors of nuclear reactors, and to organise awareness programmes for tribal communities.

5. Evidence of Success:

The various programmes under St. Thomas' for Society initiative have been successful in imparting humanitarianism and charity to students. We have found that these programmes have been highly successful in raising the awareness of students and public regarding community life. The students of St. Anne's Orphanage have won two full A+ and 100% percentage success in 2013-14 and 2014-15. The patients and poor people who have benefitted from various outreach programmes themselves are testimony to the success of those programmes. The observance of various international days has been instrumental in spreading awareness to the general public. The overwhelming response from the society and those who received help from the College is an important factor that encourages the students to carry forward with their activities.

6. Problems Encountered and Resources Required:

Usually general public has a tendency to belittle the awareness programmes conducted by students. So it had been a challenge in the beginning to involve general public to these activities.

7. Notes (Optional): Nil

8. Contact Details:

Name of the Principal	:	Dr. P. O. Jenson
Name of the Institution	:	St. Thomas' College
City	:	Thrissur
Pin Code	:	680001
Accredited Status	:	A (3.58/4)
Work Phone	:	0487 2444486
Fax	:	0487 2421510
Website	:	www.stthomas.ac.in
E-mail	:	stcthrissur@gmail.com jenson2752669@gmail.com
Mobile	:	94472 70095

EVALUATIVE REPORTS



RESEARCH AND POST GRADUATE DEPARTMENT OF ENGLISH

1	Name of the Department		Research and Post Graduate Department of English	
2	Year of Establishment		1919	
3	Names of Programmes/ Courses offered		UG: BA English & History PG: MA English PhD: English	
4	Names of Interdisciplinary courses and the departments/ units involved		Course	Depts. involved
			UG Double Main	History
			First Language	All Departments
			Open courses	All Departments
5	Annual/semester/choice based credit system (programme-wise)		UG- CBCSS PG- CUCSS Ph.D. Course work	
6	Participation of the department in the courses offered by other departments		BA English and History (Double main) All UG Courses (Common Course) All UG Courses (Open course: English for Communication)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.		Nil	
8	Details of courses / programmes discontinued		Nil	
9	Number of Teaching posts		Sanctioned	Filled
		Regular	13	13
		Guest	Nil	Nil

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i	Dr. Anto Thomas C.	M A, Ph.D.	Associate Professor	Children's Literature and Culture	23	5
ii	Andrews Joseph	M A	Associate Professor	ELT	23	
iii	Dr. Davees C. J.	MA, M.Phil, Ph.D. (Eng), Ph.D. (Hist)	Associate Professor	Literary Theory and Postmodernism	23	5

iv	Dr. C. S. Biju	M A, M.Phil, Ph.D	Associate Professor	Performance Studies	21	6
v	Dr. Sanil Raj	M A, M.Phil, Ph.D	Associate Professor	Modern American Poetry	20	5
vi	Dr. Martin K. A.	MA, M.Phil, Ph.D	Assistant Professor	Comparative Literature	5	
vii	Dr. Raphael Joseph	M A, Ph.D	Assistant Professor	Spatial and Cultural Studies	5	
viii	Anu Paul	M A	Assistant Professor	American Slave Narratives	4	
ix	Biju M.A.	M A	Assistant Professor	Post Humanism	3	
x	Viju M.J.	M A	Assistant Professor	ELT	3	
xi	Bibin Joseph	M A	Assistant Professor	Film Studies	3	
xii	Christeena T. Jose	M A	Assistant Professor	Sports Literature	2	
xiii	Syam Sudhakar	M A, M.Phil, Ph.D	Assistant Professor	Beat Literature	1	

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	
	Year	Percentage of classes
	2010-2011	15%
	2011-2012	15%
	2012-2013	25%
	2013-2014	15%
	2014-2015	Nil

13	Student-Teacher Ratio (programme-wise)	B. A (Main Course)	46:1
		M.A	8:1

14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Dr. Anto Thomas C.	M A, Ph.D
	Andrews Joseph	M A. B.Ed.
	Dr. Davees C. J.	MA, M.Phil, Ph.D.(2)
	Dr. C. S .Biju	M A, M.Phil, Ph.D
	Dr. Sanil Raj	M A, M.Phil, Ph.D
	Dr. Martin K. A.	M A,M.Phil, Ph.D
	Dr. Raphael Joseph	M A, Ph.D
	Anu Paul	M A
	Biju M. A.	M A
	Viju M. J.	M A
	Bibin Joseph	M A
	Christeena T. Jose	M A
	Dr.Syam Sudhakar	M A,M.Phil, Ph.D

16	Number of faculty with ongoing projects from a) National and b)International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Dr. Anto Thomas	UGC	7,91,700
		Dr. Anto Thomas	Lewis Carroll Society of North America	65,000
		Andrews Joseph	UGC	97,500
		Dr. Davees C. J.	UGC	1,50,000
		Dr. C. S. Biju	UGC	7,60,780
		Dr. Sanil Raj	UGC	4,80,000
		Bibin Joseph	UGC	80,000

17	Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc.	Innovative programme in teaching and research – Rs. 48,000,00 (Innovative Programme of UGC)
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18	Research Centre/ facility recognized by the University	Research Centre recognized by the University of Calicut 1995
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19	Publication details					
N o	Title	Journal	Vol.	Year	National/ International	ISSN/ ISBN
1.	Dr Anto Thomas C “Interview with Alain Porte, Translator of the <i>Panchatantra</i> into French”.	Conspectus: A Journal of English Studies	7	2013	National	ISSN 0973-0990
2.	Dr Anto Thomas C “The Story and the Self: Children’s Literature, Some Psychoanalytic Perspectives”.	International Research Society for Children’s Literature. www.irscl.com (Online)	Book	2011	International	
3.	Dr Anto Thomas C - Co edited Book. Anto Thomas & Laly Mathew. (Re)-reading Classics in Children’s Literature. Proceedings of the 4th International Conference of Children’s Literature Association of India. (ed.)	Children’s Literature Association of India Publications	Book	2010.	International	ISBN-978-81-905931-2-0
4.	Dr Anto Thomas C “Classics and the Sahridaya: The Bat Poet and the Ideal Reader”.	In: Proceedings of the International Conference Re-Readings on Classics in Children’s Literature	P. 193-197	2010.	International	ISBN-978-81-905931-2-0
5.	Dr Anto Thomas C “Imaginations Unbound: Themes and Functions in Indian Lullabies” .	JCL, Journal of Children’s Literature	Vol. 5.	2011	International	ISSN 0973-7952.

6.	Dr Anto Thomas C "From Sepoy Mutiny to Terrorism in Kashmir: Perspectives on War in Indian English Children's Literature",	(In: <i>Kinder-und Jugendliteraturefors chung international Ansichten und Aussichten. Festschriftfur Hans-Heno Ewers</i>). Frankfurt, Germany:	P. 191-204.	2014	International	ISBN 978-3-631-64614-4.
7.	Dr Anto Thomas C Missionaries or Mimics? The Brothers Grimm and 19th Century Protestant German Missionaries in India	In: <i>Marchen, Mythen und Moderne: 200 Jahre Kinder-und Hausmarchen der Bruder Grimm</i> , Teil 2). Frankfurt, Germany: Peter Lang Edition	P 1025-1035	2015	International	ISBN 978-3-631-64454-6.
8.	Anto Thomas & Alida Allison. "Alice in Malayalam: The Concept of Wonder".	In: <i>Alice in a World of Wonderlands</i> , Volume 1, New Castle, Delaware, USA: Oak Knoll Press	P.364-367.	2015	International	ISBN 978-1-584456-331-0
9.	Anto Thomas & Alida Allison. "Back-translations of Alice in Wonderland in Malayalam"	In: <i>Alice in a World of Wonderlands</i> , Volume 2, New Castle, Delaware, USA: Oak Knoll Press	P. 388-394	2015.	International	ISBN 978-1-584456-331-0
10.	Dr Anto Thomas C Checklists of Alice in Wonderland & Through the Looking Glass translated into Malayalam.	In: <i>Alice in a World of Wonderlands</i> , Volume 3, New Castle, Delaware, USA: Oak Knoll Press	P.610-612	2015	International	ISBN 978-1-584456-331-0
11.	Dr Davees C J "Postmodern Metaphysics of Presence versus the Real Presence: Some Reflections on the Eucharistic Centre of History"	Eastern Journal of Dialogue and Culture	3(1)	2010	National	ISSN-0974-7567

12.	Dr Davees C J "Beautiful Gaze: Reflections on the Aesthetic Perception of Human Body and a spiritual Vision of the Body of Christ"	Eastern Journal of Dialogue and Culture	5(2)	2012	National	ISSN- 0974- 7567
13.	Dr Davees C J "A Reappraisal of the Syro-Malabar Catechism Texts as Living Legacy of the II Vatican Council"	Eastern Journal of Dialogue and Culture	7(1)	2014	National	ISSN- 0974- 7567
14.	Dr. C S Biju " The Other Space- Cultural Politics of Identity and Performance of the Post- Black"	Research and Criticism, Banaras Hindu University	Vol 1 2010 Pg 142- 147	2010	National	NIL
15.	Dr C S Biju " Theatre in Transition and Transgression: Anna Devere Smith- Solo Performance <i>Twilight: Los Angels</i> "	Littcrit	Issue No 72 Vol 37 Pg No 122- 125	2011	National	ISBN
16.	Dr Sanil Raj " Robert Creeley: An Exponent of the New American Poetic Experience"	Conspectus	Vol 6- Pg 29- 44	2012	National	ISBN 0973- 0990
17.	Dr Sanil Raj "Robert Creeley and the Black Mountain Heritage"	Advances in Arts & Ideas	Vol.7 (p 41- 52)	2011	National	ISSN 0973- 2373
18.	Dr Sanil Raj "Robert Duncan: The Making of a Poet"	Conspectus	Vol.6 p29-44	2012	National	ISBN 0973- 0990
19.	Dr Sanil Raj Implications of "Projectivism" in Charles Olson's Shorter Poems	Scott Light	Vol. IV & V(49- 63)	2011- 2012	International	ISSN 0975- 0891
20.	Dr Sanil Raj "Unveiling the Real Self: A Quest of Identity in Kamala Das' Poems."	Conspectus	Vol.7 (p.71 – 80)	2013	National	ISBN 0973- 0990

21.	Dr Sanil Raj “Defamiliarizing the Ordinary: A Glimpse through the Poetry and Poetics of Frank O’Hara”	Pursuits	Vol. XIII – Issue 2, (p. 87-93	2015	National	ISSN 0973-2373
22.	Dr Raphael Joseph “Cosmopolitanism and the Promise of the City”	The Atlantic Literary Review	Vol 6 Pg 29-34	2010	National	ISSN 0972-3269
23.	Dr Raphael Joseph “Spatializing Literary and Cultural Studies”	Advances in Arts and Ideas	Vol II	2010	National	ISSN 0973-2373
24.	Martin K. A. “The Mystical Elements in Sri Aurobindo’s <i>Savitri</i> : A Legend and a Symbol”,	Advances in Arts & Ideas,	Vol. 6, Nos. 1 & 2, pp. 16-28	2010	National	(ISSN 0973-2373)
25.	Martin K. A. “The Quest of Individuals for the Absolute expressed in Mystical Literature”	Eastern Journal of Dialogue and Culture	3(2)	2010	National	(ISSN 0974-7567)
26.	Dr. Martin K. A “Expression of Mystical Elements through Images and Symbols in Sri Aurobindo’s <i>Savitri</i> ”	Invocation	No. 35, pp. 46-61.	2011	National	Nil
27.	Martin K. A. “A Comparative Study of the Mystical Elements in Sri Aurobindo’s <i>Savitri</i> : A Legend and a Symbol and Kazantzakis’ <i>The Odyssey</i> : A Modern Sequel”,	Gandhigram Literary Review	Vol. 2, pp. 1-11	2013	National	(ISSN: 2278-8170)

28.	Martin K. A. "Mystical Elements in Sri Aurobindo's <i>Savitri: A Legend and a Symbol</i> and Kazantzakis' <i>The Odyssey: A Modern Sequel -A Comparative Study</i> "	Critical Essays on Indian English Poetry (Ed. Joseph Dorairaj and Hema Raghavan), New Delhi: WordsWorth India	pp. 61-69	2015	National	(ISBN: 978-93-82955-04-7)
29.	Viju M J "The role of web technologies and social media at higher education level in India"	IJELLH Norwegian Accr, No.MSYS013	Vol.III Issue I,	2015	International	ISSN 2321-7065, Impact factor:4.287
30.	Viju M J "The use of web technologies and social networks in English classrooms and its challenges and outcomes at higher education level in India/Kerala."	Seminar Proceedings Published by- 21st Century English Classroom: Perspectives and Challenges. Prasakthi Book House, Pathanamthitta	Pg 262-270	2015	National	ISBN 978-81923313-7-9
31.	Viju M J "The Role of ICTs in Indian Context and the application of CALL: One strategy for addressing teaching and learning challenges in ELT"	Vimala International Research Journal	Vol.1 Issue:2	2014	National	ISSN 2348-4837
32.	Viju M J "The Feministic Perspectives and the Discovery of Women and 'Self' in the Literary Corpus of Shashi Deshpande,"	Indian Journal of Post Colonial Literatures (IPPCL)	Vol.13	2013	National	ISSN 0974-7370
33.	Viju M J "The Role of ICT in ELT and the Challenges of English Teachers Today."	Galaxy: International Multidisciplinary Research Journal	II (IV)	2013	International	ISSN 2278-9529(Online)

34.	Viju M J "The Role of ICT and the Challenges of English Teachers in Digital Age"	Litspark, the Journal of St.Aloysius College		2011	National	Nil
35.	Biju M A "Discoursing the Global Terror and Racism in Tabish Khair's <i>How to Fight Islamist Terror from the Missionary Position</i> "	International Journal of Multidisciplinary Educational research,	2(8)	2013	National	ISSN 2277-7881
36.	Biju M A "Relationship between English Language Anxiety and English Language Competence: A Correlation Study"	Golden Research Thought	vol. 2	2013	National	ISSN 2231-5063
37.	Biju M A "Valley of Tears: Violence, Memory and Trauma in Mirza Waheed's <i>The Collaborator</i> ".	Multiplicity of Cultures in South Asian Literatures Published by Tumkur University, Karnataka		2012	National	ISBN 978-81-924393-5-8
38.	Biju M A "EcoCentrism in <i>Gift in Green</i> " and <i>The Legends of Pensam</i> " in Green perceptions: Ecology & Texts,	Published by St. Paul's College, Kalamassery, Kerala		2011	National	Seminar Proceedings
39.	Bibin Joseph "Pre-colonial Discourses in Post-colonial Discussions: Female Characters in <i>Urumi</i> as Patriarchal Shadows".	Littcritt	38(74)	2012	National	ISSN 0970-8049
40.	Christeena T Jose "Colonial History Tracked: A New Historical Reading of Amitav Ghosh's <i>The Glass Palace</i> "	Research Journal for English Language and Literature	2(3)	2014.	National	ISSN:2395-2636(P): 2321 – 3108(E)

41.	<i>Dr Syam Sudakar</i> <i>Avasanathe Kollimeen</i> (<i>The Last Meteor</i> A collection of poems.. (Malayalam))	Current Books, Thrissur	Book	2014	Regional	ISBN-978-81-226-1134-2
42.	<i>Dr Syam Sudakar</i> <i>Drenched by The Sun</i> (A collection of Poems)	New Century Books, Chennai	Book	2013	International	ISBN 978-81-234-2446-0
43.	<i>Dr Syam Sudakar</i> <i>Slicing the Moon: A Screen book of Poems</i> (Video rendering)	Black Dot & SSAH, Chennai & Sydney	Book	2013	International	ISBN-978-0-987-5961-0-9
44.	Dr Syam Sudakar “The Beats Go to the Movies: Exploring Alternative Cinema and Subculture.”.	Littcrit: An Indian Response to Literature	39(75)	2013	National	018-716X
45.	Dr Syam Sudakar “South Indian Poetry: New Writing - New Thinking.”	<i>The Commonwealth Review</i> . Indian Society for Commonwealth Studies, New Delhi, India.		2013	National	ISSN 0974-0473
46.	Dr Syam Sudakar “Vicki Viidikas – On the Road”.	Asian Journal of Literature, Culture and Society Assumption University, Bangkok, Thailand	6(2)	2012	International Peer Reviewed Journal	ISSN 1905-856X
47.	Dr Syam Sudakar “Subverting Cultures: Performing Gay Body in Literature”	<i>Mapping Territories: Critical Insights into Post Independence Indian Writing in English</i> . MCC, Chennai		2012	National	ISBN 978-93-81208
48.	Dr Syam Sudakar 2011 “Elephant Images and Representations: Narratives and the Production of Cultural Signifiers in Kerala”,	<i>Issues in Ethics and Animal Rights</i> , Daya Publication, New Delhi. (with ISBN)		2011	International	ISBN 978-81-8923-68-6

49.	Anu Paul “The Saga of Endurance: Dual Slavery as Experienced by a Woman Slave in Harriet Jacobs' Incidents in the Life of a Slave Girl”	The Criterion: An International Journal in English	6(vi)	Dec 2015	National	ISSN 0976-8156				
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
i.	Anto Thomas C.	10	10	9						
ii.	Davees C. J.	3	3	1						
iii.	Biju C S	2	2	2						
iv.	Sanil Raj	6	5							
v.	Martin K. A.	5	5							
vi.	Raphael Joseph	2	2							
vii.	Anu Paul	1	1	1						
viii.	Viju M. J.	6	5	1						
ix.	Biju M. A.	4	4							
x.	Bibin Joseph	1	1							
xi.	Christeena T. Jose	1	1							
xii.	Syam Sudakar	8	5	5				3		

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Dr. Anto Thomas C. 1. Member, International Research Society for Children's Literature 2. Secretary, Children's Literature Association of India, from 2006 to 2012. 3. Fulbright Alumni Association Dr. C. S. Biju 1. Centre for Performance Research And Cultural Studies In South Asia 2. Indian Association for Commonwealth Literature and Language Studies
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		<p>3. Fulbright Alumni Association</p> <p>Dr. Sanil Raj</p> <p>1. Member MLA (Modern Language Association, New York)</p> <p>2. Fulbright Alumni Association</p> <p>Rev. Dr. Martin K. A.</p> <p>President, Indian Institute of Christian Studies (Sponsoring Body of Chair for Christian Studies and Research, University of Calicut)</p> <p>Unit Adviser, All India Catholic University Federation (AICUF)</p> <p>Dr. Raphael Joseph</p> <p>Forum of Contemporary Theory, Baroda</p> <p>In the editorial board of <i>Conspectus: A Journal of English Studies</i></p> <p>Viju M. J.</p> <p>1. Editorial Board, Catholicasabha, monthly newspaper of Archdiocese of Thrissur since 2015</p> <p>2. Member of ELTAI (English Language Teachers Association of India)</p> <p>Dr. Syam Sudakar</p> <p>1. Sydney School of Arts and Humanities, Sydney</p> <p>2. Forum of Contemporary Theory, Baroda</p> <p>3. Centre for Performance Research And Cultural Studies In Asia</p>
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22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010- 2015	100%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	Nil

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
	Dr. Anto Thomas C	Faculty	Indian Team Leader, Alice Back Translation Project Honored as the	Alice Back Translation Project, New York	2015

			Invited Keynote Speaker on Asian Childhood at the 22nd Biennial Congress of the International Research Society for Children's Literature held at the University of Worcester, England	International Research Society for Children's Literature	2015
	Dr. C. S. Biju	Faculty	Charles Wallace Research Award	Charles Wallace Trust	2010
	Dr Syam Sudhakar	Faculty	President of the Inaugural Session of the International Book Fair	Kerala Sahithya Academy	2015

24	List of eminent academicians and scientists/visitors to the department				
	Name	Designation	Context	Year	
	Prof. Richard Schechner	(Dept. of Performance Studies, Tisch School of the Art, NYU)	Guest- International Seminar	2015	
	Dr. Lakshmi Bandlamudi,	Professor of Psychology	Invitee- Lecture Series	2015	
	Dr. Julia Eccleshare	Children's Books Editor, Guardian Newspaper, UK	Invitees- International seminar	2015	
	Dr. Alida Allison	Prof. of Children's Literature, San Diego State University, USA	Invitees- International seminar		
	Dr. Mathew John K.	Assistant Professor of German Department EFLU, Hyderabad	Towards a Christian Hermeneutics of Literary Theory. Dr. Antony Porathur First Memorial Endowment Lecture	2015	

Dr. Richard Trembley	Theatre Director Montreal, Canada	National Seminar Narratives Of The Visual: Media, Image And Communication Power	2014
Sunita Namjoshi	Author, UK	Re-reading Classics in Children's Literature	2010
Madhav Prasad	Professor Dept of Film Studies EFLU, Hyderabad	Cinema Cultures in South India	2012

25	Seminars/Conferences/Workshops organized & the source of funding			
	Programme	Source of funding	Fund received (Rs.)	
National	Towards A Christian Hermeneutics of Literary Theory.	Dr. Antony Porathur First Memorial Endowment Lecture	10,000	
	National Seminar Narratives of The Visual: Media, Image And Communication Power	IQAC	20,000	
	Cinema Cultures in South India	UGC	1,00,000	
	Conference on Space, Spatiality and Performance	UGC	50,000	
	Conference on Children's Literature	IQAC	20,000	
International	Conference on Children's Literature	IQAC	20,000	

26	Student profile programme/coursewise						
	Name of course/ programme	Year	Applications received	Selected	Enrolled		Pass %
					Female	Male	
	B A English & History	2014-15	521	60	32	28	85
		2013-14	558	60	28	32	68
		2012-13	595	56	30	26	45
		2011-12	550	53	25	28	73
		2010-11	495	55	39	16	87

	M A English	2014-15	112	20	15	5	100
		2013-14	157	19	16	3	100
		2012-13	176	20	15	5	85
		2011-12	184	20	17	3	90
		2010-11	174	20	17	3	90

27	Diversity of students					
	Name of the course		Percentage of the students			
			From the same state	From other states	From abroad	
	Year	Course				
	2013	UG	100%	Nil	Nil	
	2014	UG	100%	Nil	Nil	
	2015	UG	100%	Nil	Nil	

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.		
	Year	Examination passed	No. of students
	2010-2011	UGC NET	1
	2011-2012	UGC NET	2
	2012-2013	UGC NET	3
	2013-2014	UGC NET	2

29	Student progression		Against enrolled				
			2010-11	2011-12	2012-13	2013-14	2014-15
	UGtoPG		25	23	20	26	28
	PGtoMPhil		0	0	3	6	0
	PGtoPhD		9	12	3	3	0
	PhDtoPost-Doctoral		0	0	0	0	0
	EmployedCampus selection/Otherthancampus recruitment		18	13	10	6	0
	Entrepreneurship/Self-employment		12	13	0	8	12

30	Details of Infrastructural facilities		
	Library	Departmental Library	
	Internet facilities for Staff & Students	Two Desktop computers with printer and scanner for faculty and computer facility for students in the Departmental Library.	
	Classrooms with ICT facility	2	
	Laboratories	Nil	
31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2012-13	Higher Education Scholarship	1
	2013-14	Single girl child UGC Scholarship	1
	2014-15	Central Sector Scholarships	3
		Kerala State Higher Education Scholarship	3
		Post Matric Scholarship	1
		University Rank Holder UGC Scholarship	1
Higher Education Scholarship		2	
	Suvarna Jubilee	2	

32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts		
	Year	Resource person	Programme
	2010	(1) Dr. Alida Allison, San Diego State University, USA (2) Sunita Namjoshi, Author, UK	Re-reading Classics in Children's Literature
	2012	Madhav Prasad	Cinema Cultures in South India
	2013	Krishnaunni P, University of Delhi	Digital World, Image Construction and Identity
	2014	Dr. Richard Trembley	National Seminar Narratives Of The Visual: Media, Image And Communication Power

	2015	<p>1.Prof. Richard Schechner(Dept. Of Performance Studies, Tisch School of the Art, NYU)</p> <p>2.Dr. Lakshmi Bandlamudi, Professor of Psychology</p> <p>3.Dr Julia Eccleshare Children's Books Editor, Guardian Newspaper, UK</p>	<p>International Conference on SPACE, SPATIALITY AND PERFORMANCE- 7 & 8 FEB 2015</p> <p>Lecture Series I – started on 29 May 2015</p> <p>INTERSECTIONS: International Conference on Children's Literature- 19 & 20 OCT 2015</p>
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33	Teaching methods adopted to improve student learning
	<p>Continuous evaluation of students via assignments.</p> <p>Use of contemporary pedagogical methods.</p> <p>Video sessions to initiate students to explore films, short films and documentaries related to their topics of study.</p> <p>Reference materials and study notes are made available to the students immediately after the lectures.</p> <p>Teachers inculcate skills in students by giving them topics to discuss and debate.</p> <p>Post graduate Linguistics Lectures are delivered along with LCD presentations.</p> <p>In addition to classroom lectures, Post Graduate students are allowed to attend Seminar and Conferences.</p>

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	Faculty of the department is conducting tutorial classes at St. Anne's Orphanage, West Fort, Thrissur.

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> Generated a new branch of study with innovative syllabus in Visual Media, being a guiding principle for other centres of higher learning Efficient faculty members under the guidance of the Board of Studies are well equipped to guide and mould the students. Of the faculty 4 are recognised Research Guides and there are 22 Research scholars; Produced 16 Ph.D.s

	<ul style="list-style-type: none"> • Faculty having international exposure, having fellowships from reputed universities in USA, Canada, France, Germany, Portugal and UK • Highly motivated students who pursue higher education, Ph.D., NET/JRF • Students actively participate in the SASAP, the social activity extension programme of the college. • Among the faculty, there are creative writers and translators
	Weakness
	<ul style="list-style-type: none"> • A computerised language lab has been a long cherished ambition of the department. Efforts are on to implement it as immediately as possible. • The scarcity of funds makes us have only a limited number of International journals.
	Opportunity
	<ul style="list-style-type: none"> • New syllabus framework is under progress, so the department is on the threshold of radical change. Updated and innovative practises would be included in the new course structure. • Well placed alumni, who can support the department in implementing its dream projects. • IAS and other administrative fields are open to the students of English and History degree course • Teaching and Journalism are other two significant fields that open their doors to our students.
	Challenges
	<ul style="list-style-type: none"> • To improvise methods to include modern and innovative fields in the syllabus and inspire students to explore new areas of study • To coach the students more effectively so as to increase the number of students who qualify for NET/JRF and other tests • To obtain international research collaborations with MoU • To seek financial support for infrastructural development
	Future plans
	<ul style="list-style-type: none"> • Organizing International and National Seminars annually • Launching M.Phil. Programme. • Promotion of inter-disciplinary research. • Introduction of new Post-graduate programmes in emerging areas like Children's Literature. • Student exchange programme.

DEPARTMENT OF MALAYALAM

1	Name of the Department	Malayalam	
2	Year of Establishment	1919	
3	Names of Courses offered	UG BA/BSc,B.Com/B.B.A.,B.Sc Language Reduced Programme Pattern	
4	Names of Interdisciplinary courses and the departments/units involved	Name	Departments involved
		Second Language	All the departments of UG courses
5	Annual/semester/choice based credit system(programme wise)	Choice Based Credit and semester System	
6	Participation of the department in the courses offered by other departments	Nil	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/programmes discontinued(if any) with reasons	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	2	2

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i	Dr. Mejoy Jose	MA, B.Ed, NET, Ph.D	Asst. Professor	Eco-criticism	7years	Nil
ii	Sheeba C.V.	MA, B.Ed, M.Phil	Asst. Professor	Poetry	4years	Nil
iii	John Thomas	M A	Guest Lecturer			

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- Nil
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13	Student-Teacher Ratio (programme wise)	2015-2016
		75 : 1



14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Dr. Mejoy Jose	Ph.D
	Sheeba C.V.	M.Phil

16	Number of faculty with ongoing projects from a)National b)International funding agencies and grants received:	Name of PI	Details of grant	
			Funding agency	Grant received
		Sheeba C.V.	U.G.C	1,10,000

17	Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/facility recognized by the University	Nil
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19	Publication details						
	Dr. Mejoy Jose						
No	Title	Journal	Vol.	Year	National/International	ISSN/ISBN	Impact Factor
1	Marunna karshika sangalpangal	<i>Agricultural Consciousness-Tangible & Intangible Heritage of Folklore</i>	Special Issue September 2015	2015	National	ISBN 978-93-85105-17-3	

A - Publication per faculty**B-Number of papers published in peer reviewed journals (national / international) by faculty****C - Number of publications listed in International Database****D - Chapter in Books****E - Books Edited****F - Books with ISBN/ISSN number with details of publishers****G - Sessions chaired in national conferences****H - Conference papers**

I - h index										
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Dr. Mejoy Jose	1	1							

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22	Student projects	
	Percentage of students who have done in-house projects including interdepartmental programme	NA
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	NA

23	Awards/Recognitions received by faculty and students: Nil
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24	List of eminent academicians and scientists/visitors to the department: Nil
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25	Seminars/Conferences/Workshops organized & the source of funding -			
		Programme	Source of funding	Fund received
	National	Two-Day Seminar - 2015	U.G.C	95,000

26	Student Profile Programme/Course Wise: NA
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27	Diversity of students : NA
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28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.	Nil
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29	Student progression	NA
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30	Details of Infrastructural facilities	
	Library	College Library
	Internet facilities for Staff & Students	Department has a PC with internet facility.
	Classrooms with ICT facility	Nil
	Laboratories	Nil
31	Number of students receiving financial assistance from college, university, government or other agencies: NA	
32	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : Nil	
33	Teaching methods adopted to improve student learning	
	Remedial teaching, peer teaching, group discussion, and also lecture method for teaching.	
34	Participation in Institutional Social Responsibility (ISR) and Extension activities	
	<ul style="list-style-type: none">➤ Students donate blood➤ Students used to distribute food parcels to the needy.	
35	SWOC analysis of the department and Future plans	
	Strength	
	<ul style="list-style-type: none">• Highly talented and qualified teachers.• Good support from management.• Highly qualified and experienced senior visiting faculty.• Energetic and Brilliant students• Infrastructural facilities	
	Weakness	
	<ul style="list-style-type: none">• The student teacher ratio is too high to be managed by the teachers.	
	Opportunity	
	<ul style="list-style-type: none">• Our students have a wide variety of opportunities in various fields like P.G.in Malayalam Literature, Journalism, Civil Service• Our department is moulding each and every student for achieving success in competitive exams, eligibility tests like SET, NET, etc. through extra classes, experiences sharing and motivational talks.	
	Challenges	
	<ul style="list-style-type: none">• Lack of space for expansion	



	Future plans
	<ul style="list-style-type: none">• To start UG and PG courses in Malayalam• Conduct national level seminars and conferences

DEPARTMENT OF SANSKRIT

1	Name of the Department	Sanskrit	
2	Year of Establishment	1889	
3	Names of Programmes/ Courses offered (UG,PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)	UG-B.A/B.Sc complimentary course	
4	Names of Interdisciplinary courses and the departments/units involved	Name	Departments involved
		Second Language	All the Departments
5	Annual/semester/choice based credit system(programme wise)	Choice based credit system	
6	Participation of the department in the courses offered by other departments	Nil	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/programmes discontinued(if any) with reasons	Nil	
9	Number of Teaching posts	Sanctioned	Filled
		1	1

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. Of Ph.D. students guided
1	Jnanabhai K. P.	M.A, M.Phil, NET	Asst. Professor	Sanskrit Vedanta	12 years	Nil

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	
	NA	
13	Student-Teacher Ratio (programme wise)	50:1
14	Number of academic support staff(technical)and administrative staff	Nil

15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
Name		Qualification
Jnanabhai.K.P		M.A,M.Phil,NET

16	Number of faculty with ongoing projects from a)National b)International funding agencies and grants received:	Name of PI	Details of grant	
			Funding agency	Grant received
		Nil		
17	Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.	Nil		
18	Research Centre/facility recognized by the University	Nil		

19	Publication details						
JNANABHAI.K.P							
No	Title	Journal	Vol.	Year	National/International	ISSN/ISBN	Impact Factor
1.	Yathra Champu			2015	National		

	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index	
20	Areas of consultancy and income generated: Nil	
21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
22	Student projects- Nil	

23	Awards/Recognitions received by faculty and students- Nil

24	List of eminent academicians and scientists/visitors to the department – Nil
25	Seminars/Conferences/Workshops organized & the source of funding – Nil

26	Details of Infrastructural facilities	
	Library	College Library
	Internet facilities for Staff	Yes
	Classrooms with ICT facility	NA
	Laboratories	NA
27	Number of students receiving financial assistance from college, university, government or other agencies- Nil	
28	Teaching methods adopted to improve student learning	
	Remedial teaching, peer teaching, group discussion, and also lecture method for teaching.	
29	Participation in Institutional Social Responsibility (ISR) and Extension activities. Nil	
30	SWOC analysis of the department and Future plans.	
	Strength	
	<ul style="list-style-type: none"> ➤ Highly talented and qualified teachers. ➤ Good support from management. ➤ Highly qualified and experienced senior visiting faculty. ➤ Energetic and brilliant students ➤ Infrastructural facilities 	
	Opportunity	
	<ul style="list-style-type: none"> ➤ Our students have a wide variety of opportunities in various fields like Editors, translators, teaching etc. 	
	Challenges	
	<ul style="list-style-type: none"> ➤ Lack of space for expansion 	
	Future plans	
	<ul style="list-style-type: none"> ➤ To start UG courses 	

DEPARTMENT OF HINDI

1	Name of the Department	Hindi	
2	Year of Establishment	1939	
3	Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	UG BA/BSc, BSc. Other pattern, B.Com Complimentary course	
4	Names of Interdisciplinary courses and the departments/units involved	Name	Departments involved
		Second language	All Departments of UG programmes
5	Annual/semester/choice based credit system (programme wise)	Choice based credit and semester system	
6	Participation of the department in the courses offered by other departments	Nil	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/programmes discontinued with reasons	Nil	
9	Number of Teaching posts		Sanctioned
		Regular	Filled
		Guest	
		2	2
		0	0

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i	Dr. Jose Dominic	M.A. Ph.D	Associate Professor	Hindi Novel	26	Nil
ii	Dr. Rani Jasmine Thomas N.	M.A., B.Ed., M.Phil, Ph.D.	Assistant Professor	Hindi Poetry	3	Nil

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- Nil
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13	Student-Teacher Ratio (programme wise)	2015 – 2016
		75 : 1

14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Dr. Jose Dominic	M.A., Ph.D
	Dr. Rani Jasmine Thomas N.	M.A., BEd, M.Phil, Ph.D.

16	Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:	Nil
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17	Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/facility recognized by the University	Nil
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19	Publication: Nil
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20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22	Student projects	
	Percentage of students who have done in-house projects including interdepartmental programme	NA

23	Awards/Recognitions received by faculty and students: Nil
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24	List of eminent academicians and scientists/visitors to the department: Nil
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25	Seminars/Conferences/Workshops organized & the source of funding: Nil	
26	Student profile programme/coursewise: NA	
27	Diversity of students : NA	
28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.	Nil
29	Student progression	NA
30	Detailsof Infrastructural facilities	
	Library	College Library
	Internet facilities for Staff & Students	Department have a PC with internet facility.
	Classrooms with ICT facility	Nil
	Laboratories	Nil
31	Number of students receiving financial assistance from college, university, government or other agencies: Nil	
32	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil	
33	Teaching methods adopted to improve student learning	
	Teachers adopt methods such as :- <ul style="list-style-type: none"> • remedial teaching • peer teaching • group discussion. • lecture method for teaching 	
34	Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil	

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none">• Highly talented and qualified teachers.• Good support from management.• Highly qualified and experienced senior visiting faculty.• Energetic and Brilliant students• Infrastructural facilities
	Weakness
	<ul style="list-style-type: none">• Students with comparatively low marks at entry level
	Opportunity
	<ul style="list-style-type: none">• Our students have a wide variety of opportunities in teaching and translating fields like business, commerce , banking sector, legal sector etc.
	Challenges
	<ul style="list-style-type: none">• Lack of space for expansion• Difficulty in obtaining parents' active participation in student initiatives
	Future plans
	<ul style="list-style-type: none">• To start UG courses

DEPARTMENT OF HISTORY

1	Name of the Department	Department of History		
2	Year of Establishment	1925		
3	Names of Programmes/ Courses offered(UG,PG, M.Phil.,Ph.D., Integrated Masters; Integrated Ph.D.,etc.)	B.A-History (Double Main)		
4	Names of Interdisciplinary courses and the departments/ units involved	Nil		
5	Annual/semester/choice based credit system (programmewise)	Choice based credit/semester system(CBCSS)		
6	Participation of the department in the courses offered by other departments	Open courses offered by other departments		
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil		
8	Details of courses/ programmes discontinued with reasons	Nil		
9	Number of Teaching posts		Sanctioned	Filled
		Regular	2	2
		Guest	Nil	Nil

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
1	George Alex	M.A,M. Phil	Associate Professor	Pre-Modern South Indian History Anti-Colonial Movements Church History History of Education	25	Nil
2	Dalia Varghese	M.A	Assistant Professor	History of Kerala History of National Movement in India History of Britain	2	Nil
11	List of senior visiting faculty			Nil		
12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty					
	Year			Percentage of classes		
	2010-2011			Nil		
	2011-2012			100%		
	2012-2013			100%		

	2013-2014	N.A
	2014-2015	N.A
13	Student-Teacher Ratio (programmewise)	46:1
14	Number of academic support staff (technical) and administrative staff	0
15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	George Alex	M A,MPhil,
	Dalia Varghese	M.A
16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil
18	Research Centre/ facility recognized by the University	Nil

19	Publication details					
No	Title	Journal	Vol.	Year	National/ International	ISSN/ ISBN
	Advances in Arts & Ideas	Interdisciplinary Journal	Vol.7 Vol.8 Vol.9 Vol.10 Vol.11	2011 2012 2013 2014 2015	National	0973-2373

	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index								
	Name of faculty	A	B	C	D	E	F	G	H
1	George Alex	1						2	3
2	Dalia Varghese								3
20	Areas of consultancy and income generated: Nil								

21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	
	George Alex	Member of the Editorial Board Journal: Advances in Arts and Ideas (Journal) Member of the Editorial Board Catholica Sabha – Monthly
22	Student projects	
	Percentage of students who have done in-house projects including interdepartmental programme	2010- 2015 100%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015 Nil

23	Awards/Recognitions received by faculty and students: Nil
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24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Dr Kurias Kumblakuzhy,	State Information Commissioner	Palocaren Endowment Lecture	2015
	Prof.MGS Narayanan	Former Chairman, ICHR	Tenth Medlycott Lecture	2015
	Prof .Vijaya Ramaswamy	CHS, Jawaharlal Nehru University, New Delhi	Tenth Medlycott Lecture	2015
	Dr. George Michell	University of Cambridge	Nineth Medlycott Lecture	2014
	Prof. Pius Malekandathil	CHS, Jawaharlal Nehru University, New Delhi	Eighth Medlycott Lecture	2012
	Dr P. K. Michael Tharakan	Vice Chancellor, Kannur University, Kannur	Seventh Medlycott Lecture	2011
	Prof. Rajan Gurukkal	Vice Chancellor, Mahatma Gandhi University, Kottayam,	Sixth Medlycott Lecture	2010

25	Seminars/Conferences/Workshops organized & the source of funding			
		Programme	Source of funding	Fund received
	National	Sri K. K. Muhammed, former Director, Archaeological Survey of India, New Delhi on 'Ibadat Khana and the Christian Chapel at Fatehpur Sikri: Gleanings from Archaeology' on August 4th 2015	Department of History	Nil
	International	Nil		

26	Student profile programme / course wise					
	B A English & History	Year		Applications received	Selected	Pass%
		1	2010-2011	822	60	87.27
		2	2011-2012	793	60	73
		3	2012-2013	911	60	45
		4	2013-2014	CAP	60	68
		5	2014-2015	CAP	60	85

27	Diversity of students				
	Name of the course		Number or Percentage of the students from the same state	Number of the students from other states	Number of the students abroad
	Year	Course			
	2010-2011	B A English & History	100%	1	Nil
	2011-2012		100%	1	Nil
	2012-2013		100%	1	Nil
	2013-2014		100%	Nil	Nil
	2014-2015		100%	Nil	Nil

28	No. of students cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.: Nil					
29	Student progression	Against enrolled				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	25	23	20	26	28
	PG to MPhil	0	0	3	6	0
	PG to PhD	9	12	3	3	0

	PhD to Post-Doctoral	0	0	0	0	0
	Employed Campus selection/Other than campus recruitment	18	13	10	6	0
	Entrepreneurship/Self-employment	12	13	0	8	12
30	Details of Infrastructural facilities					
	Library			10,000 & 2 journals		
	Internet facilities for Staff & Students			Yes		
	Classrooms with ICT facility			Nil		
	Laboratories			NA		
d. Number of students receiving financial assistance from college, university, government or other agencies : Nil						
32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts					
	Year	Resource person		Programme		
	2010	Prof.Rajan Gurukkal		Sixth Medlycott Lecture		
	2011	Dr P. K. Michael Tharakan		Seventh Medlycott Lecture		
	2012	Prof. Pius Malekandathil		Eight Medlycott Lecture		
	2014	Dr. George Michell		Nineth Medlycott Lecture		
	2015	Prof.Vijaya Ramaswamy		Tenth Medlycott Lecture		
	2013	Dr Kurias Kumblakuzhy		Third Palocaren Endowment Lecture		
33	Teaching methods adopted to improve student learning					
	<ul style="list-style-type: none">• Constant interaction with the students.• Identifying their personal difficulties in academic and non academic fields.• Personal counselling to the needy students.• Tutorial system for the students who are backward in their academics.• Seminars.• Group discussions.• Problem solving.• Projects.					
34	Participation in Institutional Social Responsibility (ISR) and Extension activities					
	<ul style="list-style-type: none">• Students participate in compulsory social service• Faculties extend their support to various institutions (Archaeological survey of India, Kerala Institute for Local Administration) and Organizations(The Kerala Historical Research Society,Kerala History Congress).					

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none">• An adept Library• Linkage with other institutions of higher learning• Good rapport with nearby institutions
	Weakness
	<ul style="list-style-type: none">• Lack of interest among the students• Lack of spatial atmosphere• Lack of PG and separate UG course in History
	Opportunity
	<ul style="list-style-type: none">• Enables the students to appear in the competitive examinations.• Avenues to higher studies in MA History /English• Teacher education course (B.Ed)• Employment opportunities in schools and colleges
	Challenges
	<ul style="list-style-type: none">• The whole aspirants to the course cannot be accommodated.• Lack of PG and separate UG course in History.
	Future plans
	<ul style="list-style-type: none">• Start a P.G Programme in History.• Organise the National Seminar• Introduce Smart Classrooms

DEPARTMENT OF POLITICAL SCIENCE

1	Name of the Department		Department of Political Science	
2	Year of Establishment		1925	
3	Names of Programmes/ Courses offered		UG: Complementary Course for BA Economics	
4	Names of Interdisciplinary courses and the departments/ units involved		Course	Depts. Involved
			Complementary course	Economics
5	Annual/semester/choice based credit system(programme wise)		Choice Based Credit and Semester System(CBCSS)	
6	Participation of the department in the courses offered by other departments		Nil	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.		Nil	
8	Details of courses / programmes discontinued		Nil	
9	Number of Teaching posts		Sanctioned	Filled
		Regular	1	1
		Guest	Nil	Nil

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. Of Ph.D. students guided
i	Blessy Paul C	M.A, M.Phil	Assistant Professor	International Relations, Energy Security, Foreign Policy	1	Nil

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	
	Year	Percentage of classes
	2010-2011	100%
	2011-2012	100%

	2012-2013	80%
	2013-2014	Nil
	2014-2015	Nil

13	Student-Teacher Ratio	UG (Complementary)	
	(programme wise)	46:1	

14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with DSc/ D.Litt / Ph. D / MPhil/PG	
	Name	Qualification
	Blessy Paul C	M.Phil

16	Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:	Nil
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17	Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	Nil
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19	Publication details					
No	Title	Journal	Vol.	Year	National/International	ISSN
I	India's Energy Security	mRNA Newletter	2	2013	National	2319-2747
ii	Indo-Gulf Relation: an Energy Perspective	Meridian		2015	National	2278-750X
Presentation Details						
	No.	Title	Place	Year	National/International	
	1.	Indo-Gulf Relation :an Energy Perspective	MES, Asmabi College, Vemballur	2015	National	
A - Publication per faculty						
B - Number of papers published in peer reviewed journals (national / international) by faculty						

C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index										
Name of faculty	A	B	C	D	E	F	G	H	I	
Blessy Paul C.	2	1						1		

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental/programme	2010-2015	Nil
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	Nil

23	Awards/Recognitions received by faculty and students: Nil
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24	List of eminent academicians and scientists/visit or other department: Nil
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25	Seminars/Conferences/Workshops organized & the source of funding: Nil
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26	Student profile programme/course wise : NA	
27	Diversity of students : Nil	
28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.: NA	
29	Student progression	NA
30	Details of Infrastructural facilities	
	Library	1602 books & 4 Journals
	Internet facilities for Staff & Students	Yes

	Class rooms with ICT facility	Nil
	Laboratories	NA

31	Number of students receiving financial assistance from college, university, government or other agencies: NA
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32	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil		
	Year	Resource person	Programme
	2015	Adv. Seena Rajagopal Prof. Joy Joseph	Observation of Constitution Day Juvenile justice and Human Rights

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Discussion • Seminars • Book Reviews • Debates

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	Nil

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> • A library with sufficient books • Excellent faculty
	Weakness
	<ul style="list-style-type: none"> • Political Science is not a Core course
	Opportunity
	<ul style="list-style-type: none"> • Provides an opportunity to understand the Political System of the country.
	Challenges
	<ul style="list-style-type: none"> • Not a Core course
	Future plans
	<ul style="list-style-type: none"> • Feedback from students • Plans to conduct extension lectures • Conduct a model parliament

RESEARCH AND POST GRADUATE DEPARTMENT OF ECONOMICS

1	Name of the Department	Research and Post Graduate Department of Economics	
2	Year of Establishment	1919	
3	Names of Programmes/Courses offered	UG: B.A. Economics with Mathematical Tools for Economics and Indian Constitution and politics PG: M.A. Economics PhD: Economics	
4	Names of Interdisciplinary courses and the departments/units involved	Course	Departments involved
		Open course	All Departments
5	Annual/semester/choice based credit system (programme wise)	CBCSS (Choice Based Credit and Semester System)	
6	Participation of the department in the courses offered by other departments	All UG Courses (Open Course: International Trade and Finance)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses /programmes discontinued	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	7	7
	Guest	Nil	Nil

10	Faculty profile					
No.	Name	Qualification	Designation	Specialization	Experience in Years	No. of Ph.D. students guided
i.	K. C. Francis	MA	Associate Professor & HOD	Agricultural Economics	26	Nil
ii.	Emmanuel Thomas	MA, JRF, MPhil	Assistant Professor	Public Finance	13	Nil
iii.	Dr.Sabu P. J.	MA, PhD	Assistant Professor	Economics of Education	6	Nil
iv.	Mary K. Francis	MA	Assistant Professor	Public Economics	2	Nil

v.	GeethaGokul	MA, JRF MPhil	Assistant Professor	Labour Economics	2.6	Nil
vi.	Gini Paul	MA, MPhil	Assistant Professor	Public Finance	0.5	Nil
vii.	Eljo Joseph T.	MA	Assistant Professor	Development Economics	0.5	Nil

11 List of senior visiting faculty: Nil

12 Percentage of lectures delivered and practical classes handled by temporary faculty

Year	Percentage of classes
2010-2011	13%
2011-2012	13%
2012-2013	26%
2013-2014	7.1%
2014-2015	20%

13 Student-Teacher Ratio (programme wise)

UG: B.A Economics	46:1
PG: M.A Economics	8:1

14 Number of academic support staff(technical and administrative staff)

Nil

15 Qualifications of teaching faculty with Ph.D/MPhil/PG

Name	Qualification
K. C. Francis	MA
Emmanuel Thomas	MA, JRF, MPhil
Sabu P. J	MA, PhD
Mary K Francis	MA
GeethaGokul	MA, JRF,MPhil
Gini Paul	MA, MPhil
Eljo Joseph T	MA

16 Number of faculty with ongoing projects from a) National b)International funding agencies and grants received:

Name of Principal Investigator	Details of grant	
	Funding agency	Grant received (Rs)
Emmanuel Thomas	UGC	30,000
Dr.Sabu P. J.	UGC	1,15,000

17 Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.

Nil

18	Research Centre/ facility recognized by the University	Research Centre recognized by the University of Calicut
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19	Publication details: Given Below					
No.	Title	Journal/Book	Vol.	Year	National / International	ISSN/ ISBN
1	Emmanuel Thomas: Public Expenditure Review of Health in India during the Post – Reform period	SELP Journal of Social Science	IV(16)	2013	National	ISSN - 0975-9999-
2	Emmanuel Thomas: Adult Mortality in Indian states	Southern Economist	50 (11)	2011	National	ISSN - 0038-4048
3	Emmanuel Thomas: Fund Flow in National Rural Health Mission, A case study of the state of Karnataka	ISEC, Bangalore	Report	2011	National	Report
4	Dr. K.M.Francis: Continuity and Renewal in Politics: Re- reading Catholic Epistemology	Eastern Journal of Dialogue and Culture	5 (1)	2012	National	ISSN- 0974-7567
5	Gini Paul: Fiscal Imbalance, Adjustment and Recovery: An Analysis of its Implications on Development Spending of Major States in India	LAP LAMBERT Academic Publishing GmbH & Co. KG	Book	2012	International	ISBN: 978-3-8465-3803-6 - 2012

	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Emmanuel Thomas	3								
2	K.M. Francis	1								
3	Gini Paul	1					1			

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committee c) Editorial Boards	Nil
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22	Student projects		
	Percentage of students who have done in-house projects including inter departmental / programme	2010-2015	100
	Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies	2010-2015	Nil

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
	Dhanya Shankar	Economics Student	M.A. Economics first Rank	University of Calicut	2011

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Kunal Sen	Professor, Manchester University	National Seminar	2012
	Dr. A. A. Erumban	Faculty, Groningen University	National Seminar	2012
	Dr. Suresh Babu	Faculty, IIT Madras	National Seminar	2012

25 Seminars/Conferences/Workshops organized & the source of funding				
S.N.	Programme	Source of funding	Fund received (Rs)	
1	Informal Sector in India: Lessons and Way Forward	Kerala State Higher Education Council	30,000	
2	Seminar on Research Methodology	IQAC	15,000	
3	Demystifying the Fiscal Conundrum in Kerala	IQAC	15,000	
4	Kerala State Finances: Lesson from Contemporary Debates	IQAC	15,000	
5	One Day Seminar on Research Methodology	Department	--	

26 Student profile programme/course wise						
Name of programme	Applications received		Selected	Enrolled		Pass %
				Male	Female	
BA Economics	2010-11	693	60	24	36	63
	2011-12	798	60	25	35	42
	2012-13	835	60	24	36	68
	2013-14	CAP	60	25	35	63
	2014-15	CAP	60	23	37	80
MA Economics	2010-11	285	20	2	18	60
	2011-12	CAP	20	3	17	65
	2012-13	CAP	20	2	18	90
	2013-14	372	20	3	17	95
	2014-15	384	20	1	19	95

27 Diversity of students				
Course		Percentage of students		
		From the same state	From other states	From abroad
Name of course	Year			
BA Economics	2010	100	0	0
	2011	100	0	0
	2012	100	0	0
	2013	100	0	0
	2014	96.670	0	3.33
	2015	100	0	0
MA Economics	2010	100	0	0
	2011	100	0	0
	2012	100	0	0

		2013	100	0	0
		2014	100	0	0
		2015	100	0	0

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.				
	Year	Examination passed	No. of students		
	2009-2010	Nil	Nil		
	2010-2011	NET	1		
	2011-2012	NET	1		
	2012-2013	NET	2		
	2013-2014	NET	1		
	2014-2015	NET	1		
	2014-2015	JRF	1		

29	Student progression	Number of students				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	0	5	7	6	9
	PG to M.Phil	1	0	1	1	1
	PG to Ph.D.	1	1	2	1	2
	Ph.D. to Post-Doctoral	0	0	0	0	0
	Employed Campus selection/Other than campus recruitment	2	2	3	2	3
	Entrepreneurship/Self-employment	16	10	1	10	23

30	Details of Infrastructural facilities	
	Library	6130 books and 15 journals
	Internet facilities for Staff & Students	Available
	Classrooms with ICT facility	1
	Laboratories	Nil

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2013-14	Post Matric Scholarship, Kerala Higher education Scholarship, enter Sector Scholarship	8

	2014-15	Post Matric Scholarship, Kerala Higher education Scholarship, enter Sector Scholarship	5
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32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts		
	Year	Resource person	Programme
	2012	Dr.KunalSen, Dr. A. A.Erumban	Informal Sector in India: Lessons and way Forward
	2014	Mr. Abraham Kurian IPS Mr.HariSankar IPS, Prof.S. K.Vasanthan	Beacon and Observe Lecture Series
	2015	Dr. Jose Sebastian	Demystifying the fiscal crisis in Kerala
	2015	Dr. Mary George Dr. Sunny George	Kerala State Finances: Lesson from Contemporary Debates

33	Teaching methods adopted to improve student learning
	<p>All courses follow the lecture method. Innovative methods of teaching include use of projectors, power point presentations etc. We encourage the students to interact, discuss and debate in the class. All papers have at least one assignment followed by a presentation by the students in front of their class as a part of their internals.</p> <p>All PG students have to complete a project/dissertation as a part of their M.A course. In relation to this, they have a synopsis and work-in-progress presentations. The final presentation of individual completed works is done in front of the faculty, students of the department as well as invited guests and faculty.</p>

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	The department maintains a 'Poor Fund' called Snehaniidhi from which we provide financial assistance to the needy students.

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> • A well-qualified group of academically oriented faculty. • Enthusiastic teachers and students. • Measures and efforts have been started to increase the level of employability of our under graduate and post graduate students. • Efforts are being taken to improve the physical infrastructure of the department.
	Weakness
	<ul style="list-style-type: none"> • The intake of students in the undergraduate level is at a sub-optimal

	<p>level with respect to availability of physical and academic infrastructure.</p> <ul style="list-style-type: none">• Poor linguistic and communication skills of the students.
	<p style="text-align: center;">Opportunity</p> <ul style="list-style-type: none">• Autonomy has granted a great level of freedom to the faculty to improve, update and modify the syllabi, introduce innovative evaluation techniques etc.• Every batch has some talented students who have the potential to reach great heights.• An active Research Centre presents opportunities to faculty and students alike, to expand their research horizons.
	<p style="text-align: center;">Challenges</p> <ul style="list-style-type: none">• Creating unity out of the diversity among the students.• Increasing employability of our students.• Updating the syllabus to bring it in line with international standards.• Maintaining and improving the academic standards and achievements of the faculty.
	<p style="text-align: center;">Future plans</p> <ul style="list-style-type: none">• The department of Economics has decided to conduct one day seminar on 'Research Methodology and Quantitative Techniques', in this academic year 2015-16.• The department of Economics is planning to organize a course on software packages in this academic year. This programme is exclusively meant for the research scholars and PG students of our department.• A UGC sponsored National Seminar in the next academic year.

**RESEARCH AND POST GRADUATE DEPARTMENT OF COMMERCE
AND MANAGEMENT STUDIES**

1	Name of the Department	Research and Post Graduate Department of Commerce and Management Studies	
2	Year of Establishment	1957	
3	Names of Programmes / Courses offered	UG: B.Com (Finance) UG: B.Com (Banking and Insurance) PG: M.Com (Financial Management) Ph.D: Commerce	
4	Names of Interdisciplinary courses and the departments/ units involved	Course	Departments Involved
		Open Course-Basic Accounting	All departments
		Open Course-Human Resource Management	All departments
5	Annual/semester/choice based credit system (programmewise)	Choice Based Credit and Semester System (CBCSS)	
6	Participation of the department in the courses offered by other departments	Open Courses of other departments	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Keltron Knowledge Centre, Jubilee block, St. Thoms College (Autonomous), Thrissur	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	12+1 Part Time Lecturer	12+1 Part Time Lecturer

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i	Dr. Thomas Paul Kattookaran	M.Com, MBA, Ph.D	Associate Professor & HOD	Finance Management	26	5
ii	Paul Jose P.	M.Com, M.Phil	Associate Professor	Finance Management	22	-

iii	Biju John M.	M.Com	Associate Professor	Accounting and Taxation	21	-
iv	Daisland Thattil	M.Com, B.Ed., PGDCA, MBA	Assistant Professor	Marketing	4	-
v	Sowmia Rajan K.	M.Com	Assistant Professor	Finance	4	-
vi	Divya George	M.Com, MBA, B.Ed., M.Sc.	Assistant Professor	Finance and Information Technology	3	-
vii	Sijo Jacob V.	M.Com	Assistant Professor	Finance	3	-
viii	Sindhu George	M.Com, B.Ed.	Assistant Professor	Finance	3	-
ix	Jilna John	M.Com	Assistant Professor	Finance	3	-
x	Vipin Benny	M.Com, MBA	Assistant Professor	Finance	1	
xi	Ajesh Antony	M. Com	Assistant Professor	International Finance	1	
xii	Mestin P. C.	M.Com	Assistant Professor	International Finance	1	
xiii	Adv. Jockin A. Pereira	MA (Eng), MA (Phil.), LLB	Part Time Lecturer	Law	28	-

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	
	Year	Percentage of classes
	2010-2011	42 %
	2011-2012	33 %
	2012-2013	25 %
	2013-2014	15 %
	2014-2015	17 %

13	Student-Teacher Ratio (programmewise)	UG: B.Com	46 : 1
		PG: M.Com	8 : 1

14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
1	Dr. Thomas Paul Kattookaran	M.Com, MBA, Ph.D
2	Paul Jose P.	M.Com, M.Phil
3	Biju John M.	M.Com
4	Daisland Thattil	M.Com, B.Ed., PGDCA, MBA
5	Sowmia Rajan K.	M.Com, JRF
6	Divya George	M.Com, MBA, B.Ed., M.Sc.(A. Psy)
7	Sijo Jacob V.	M.Com, JRF
8	Sindhu George	M.Com, B.Ed.
9	Jilna John	M.Com
10	Vipin Benny	M.Com, MBA
11	Ajesh Antony	M. Com, PGDBM
12	Mestin P. C.	M.Com, PGDBM
13	Adv. Jockin A. Pereira	MA (Eng), MA (Phil.), LLB

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received				
	Name of PI	Details of grant			
		Funding agency	Grant received	Title	Sanction date and duration
	Dr. Thomas Paul Kattookaran	UGC(Minor Project)	Rs. 45,000	Performance Evaluation of Regional Rural Bank: A case study the South Malabar Grameen Bank	22/12/10 Duration 1.5 years. (Completed)
	Biju John. M.	UGC(Minor Project)	Rs. 70,000	Financial inclusion by commercial bank- A study with special reference to Thrissur District	22/12/10 Duration 1.5 years. (Completed)
	Divya George	UGC(Minor Project)	Rs. 120,000	Gambling Based Sales Promotion Strategies : A Study on The Business Houses in Kerala	11/12/2014 Duration 2 Years
	Sijo Jacob V	UGC(Minor Project)	Rs. 120,000	Social capital and its impact on the performance of District cooperative banks in Kerala	11/12/2014 Duration 2 Years

17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	PG Grant from UGC : Rs. 2,76,000/-
18	Research Centre/ facility recognized by the University	Research Centre under the University of Calicut

19	Publicationdetails					
Dr. Thomas Paul Kattookaran						
No	Title	Journal	Vol .	Year	National/International	ISSN/ ISBN
1	Regional Rural Banks in Kerala: An Overview of their role with special reference to Priority Sector Lending Operations	Mirror	Vol . II, No. II-A	2012	National	ISSN : 2249-8117
2	Foreign Direct Investment (FDI) into India in the Post Liberalization Era: A Factual Analysis I	Trade wind, PG Dept. of Commerce, NewMan College, Thodupuzha, Kerala	Vol . 7	2012	National	ISSN 2320-5393
3	Consumer Protection-Issues and Challenges of Consumer Co-operatives in Kerala	International Conference on Co-operatives Transition in the Era of Globalization(Unveiling New Possibilities for a New Era), Conference Proceedings, IIM Kozhikode and Tata Institute of Social Science, Mumbai		2013	International	ISBN : 978-81-926239-2-4
4	Gambling Related Sales Promotional Tools and its Influence on Consumer Buying Behaviour-	Intercontinental Journal of Marketing Management	Vol 2/ Issue 2	2015	National	ISSN-2350-0891 Impact Fcator-0.450

5	A study on non performing assets of scheduled commercial banks in India	GE international journal of management research.	Vol 3, Issue 6	2015	International	ISSN 2321-1709 Impact Factor 4.316
6	A comparative study of the Mutual Scheme of Reliance And UTI	Mudra journal of Finance and Accounting	Vol 2, Issue 1	2015	National	ISSN 2347-4467
7	Performance of currency derivatives market in India	International Journal of Multidisciplinary research and development	Vol 2, Issue 4	2015	International	ISSN 2349-5979 Impact Factor 3.762
8	Performance of Equity Derivatives market in India, a post liberalisation analysis	Elixir finance management	Vol 1	2015	National	ISSN 2229-712X
9	Foreign Institutional Investments (FIIs) in to India and its Impacts on the Indian Stock Market and Foreign Exchange Market	<i>Paradigm shift in innovative business management, CBA Publishers, Chennai</i>		2012	International	ISBN 978-93-80-430-14-0
Biju John M						
10	An evaluation of role of banking system for Inclusive growth	Mirror,	Vol II. No. 1.	2012	National	ISSN 2249-8117
11	Investment Attitude in Gold-An Investors Perspective:	Journal of Humanities and Social Sciences, ,Issue.12. pp32-36	Vol .19	2014	National	E-ISSN 2279-0837

12	Financial Inclusion in India	Retrospective Paripex-Indian Journal of Research, Issue:12, , pp. 10-14.	Vol . 3	2014	National	ISSN:250-1991
Daisland Thattil						
13	A study on Occupational Stress with special reference to Kerala Lakshmi Mill	Mirror-PP 71-74- Scholars Association	Vol.II, No-I-A	2012	National	ISSN 2249-8117
14	“The effect of Airline Crisis in the Indian Economy”	Poseidon-Journal of Commerce, Management and Social Science	Vol II	2012	National	ISSN 2319-6238
Sowmia Rajan K						
15	Effectiveness of E-Banking Services Offered by Private Sector Banks in Thrissur.	Mirror	Volume II No.1	2012	National	ISSN 2249-8117
16	A Study on the Impact of General Profile Factors on Bank Loan Repayment Behaviour of Borrower	Global Research Review	Volume IV	2014	National	ISSN 2250-2521
17	Influence of Commercial Banks in Empowering Women Entrepreneurs- With Special Reference to Thrissur District	Mirror	Volume IV No.1	2014	National	ISSN 2249-8117
Divya George						
18	Portfolio Management in Gold-Bullion business.	Research Scholar	Vol- II- No:2	2012	National	ISSN-2249-6696

19	Impacts of Viral Marketing in the society with special reference to Thrissur Town	Research Review	Vol- II No:1	2012	National	ISSN- 2250- 2521
20	Deposit schemes offered by banks to inculcate saving habits among women. -	Mirror	Vol-II No:1A	2012	National	ISSN- 2249- 8117
21	A study on the job satisfaction level of sales employees with special reference to textile shops in Thrissur Town.	Research Scholar	Vol- II, No: 1A	2012	National	ISSN- 2249- 6696
22	A Study on the satisfaction level of Autorikshaw Passengers with special reference to Thrissur Town.	Mirror	Vol II, No:1,	2012	National	ISSN 2249- 8117,
23	Role of SHG organized by Kudumbasree units in proper utilization of micro credits and for empowerment of poor woman.	Baselius Researcher	Vol 13, no:1	2012	National	ISSN 0975- 8658
24	Functions of reverse mortgage in India-An overview.	Misbah	Vol 7	2012	National	ISSN 0976- 2523
25	A Study on the Impact of General Profile Factors on Bank Loan Repayment Behaviour of Borrower -	Global Research Review	Volume IV	2014	National	ISSN 2250- 2521

26	Potential Threats of Oniomania due to the entrance of FDI in Retail Sector.	Research lines	vol no.1	2012	National	ISSN 0975-8941
27	Eco Marketing with Special Reference to E-waste Management and Green Computing in Kerala	Intercontinental Journal of Marketing Management	Vol 2/ Issue 2	2015	National	ISSN-2350-0891 Impact Factor-0.450
28	Gambling Related Sales Promotional Tools and its Influence on Consumer Buying Behaviour	Intercontinental Journal of Marketing Management	Vol 2/ Issue 2	2015	National	ISSN-2350-0891 Impact Factor-0.450
Sijo Jacob V						
29	Technical and Scale Efficiency of district Cooperative Banks in Kerala.	<i>Mirror</i> , Scholars Association of Kerala, Kottayam	Vol.: 2	2012	National	ISSN : 2249-8117
30	An Assessment of Efficiency in the District Central Cooperative Banks in Karnataka.	<i>Global Research Review</i> , Scholars Association of Kerala, Kottayam	Vol.: 2	2012	National	ISSN 2250-2521
31	An Evaluation of Efficiency of State Cooperative Banks in India.	<i>1st International Conference on Emerging Trends in Finance and Accounting, Conference Proceedings</i> Shri Dharmasthala Manjunatheshwara Institute for Management Development, Siddharthanagar, Mysore, Karnataka, India.		2012	International	ISBN: 978-81-922146-2-7

32	Foreign Direct Investment (FDI) into India in the Post Liberalization Era: A Factual Analysis	<i>Trade wind</i> , , PG Dept. of Commerce, NewMan College, Thodupuzha, Kerala.	Vol. 7	2012	National	ISSN 2320-5393
33	Evaluation of bank branch efficiency using data environment analysis	<i>3rd International Conference on emerging Trends in finance and accounting</i>		2014	International	ISBN 978-93-83302-02-4
34	Stock Selection: A Data Envelopment Analysis Approach	<i>2nd International Conference on Emerging Trends in Finance and Accounting, Conference Proceedings</i> , Shri Dharmasthala Manjunatheshwara Institute for Management Development, Siddharthanagar, Mysore, Karnataka, India.		2013	International	ISBN 978-81-922146-6-5
35	Foreign Institutional Investments (FIIs) in to India and its Impacts on the Indian Stock Market and Foreign Exchange Market	<i>Paradigm shift in innovative business management</i> , CBA Publishers, Chennai		2012	International	ISBN 978-93-80-430-14-0

Sindhu George

36	An overview of ERP Journey. -	International conferences proceedings, Madras Christian College		2011	National	ISBN : 978-93-81006-15-3
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37	Cyber Crimes in Indian Banking Sector.	Journal of management and Science	Vol-III	2012	National	ISSN : 2249-1260 ONLINE ISSN : 2250-1819
38	Mergers and acquisition in Indian banking sector-SWOT Analysis. -	National seminar on emerging issues on service sector, AVVM Sree pushpam College, Poondi		2012	National	ISBN : 978-93-80509-05-1
39	Disaster management preparedness : A plan for Action. -	Learning and Application		2012	National	ISBN 978-93-81568-58-3
40	"Can Indian Aviation Mature to Make Another Growth Story?"	<i>Research Scholar,</i>	Vol.4, No.1	2014	National	ISSN 2249-6696
Vipin Benny						
41	The rising interest rate impact on bank asset quality	Vinimaya National institute of bank management	Vol.XXXI II NO.2 .	2012	National	ISSN – 0970-8456
42	Financial literacy and counseling centre – an imperative for the development of banking system in india	Business education in india issues and imperatives,		2012	National	ISBN 978-93-81441-27-5-2012.
43	The effect of airline crisis in the indian economy	Poseidon,	Vol .NO :2	2012	National	ISSN :2319-6238-

44	The concept of islamic banking in india with special reference to swot analysis ,	Mirror	Vol II NO 1	2012	National	ISSN 2249-8117.
45	The effect of inflation in the indian banking sector	Research scholar	Vol I NO II – A	2011	National	ISSN 2249 - 6696
46	Investment attitude in gold – an investor perspective, International organization for scientific research	Journal of Humanities and Social Sciences, ,Issue.12. pp32-36	Vol 19,ISSUE 12,VER.I	2014	National	E- ISSN: 2279-0837, P- ISSN : 2279 - 0845

Mestin P C

47	Insurance Repository system	Finnova'2015		2012	National	ISBN Code 9 78-81-89085-95-7
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Conference Papers

Dr. Thomas Paul Kattookaran

Sl. No	Details of Paper Presented
1	“Consumer Protection-Issues and Challenges of Consumer Co-operatives in Kerala”, <i>International Conference on Co-operatives Transition in the Era of Globalization</i> held by the IIM Kozhikode and Tata Institute of Social Science , Mumbai in September 2013
2	“A Study on the Analysis of Trends in Informal Sector with special reference to Small and Medium Sized Enterprises (SMEs)”, International Conference on “Entrepreneurship in a globalized world .Challenges, policy and Strategy perspectives” held at School of Management, DePaul Institute of Science and Technology, Angamaly in December 2013
3	“Foreign Direct Investmnet Scenario in India: An Analytical Study” UGC Sponsered National Seminar on Post Recession Economic Environment, Economic Policies of the New Government and Investment Climate in India held at Sacred Heart College, Chalakkudy. August 2015
4	“ Foreign Direct Investment in BRICS: A Comparative Study”, UGC sponsored National Seminar on”FDI in Retail Sector Problems and Prospectus conducted by the Department of Commerce, KAHM Unity

College, Majery October 2015	
Paul Jose	
Sl. No	Details of Paper Presented
1	An enquiry into the reasons behind the lopsided regional development of the innovation – SBLP in India. Paper presented in the National Seminar on Business Strategies in Globalised World, Organised by Department of Commerce and Management Studies, Sri Achutha Menon Government College, Thrissur, Kerala on 3 and 4 January 2013
2.	Client exit from microfinance programmes – An inquiry into the dynamics. Paper presented in the National Seminar Organised by Post Graduate Department of Commerce, Panampilly Memorial Government College, Chalakudy, Kerala on 15 February 2012
3	Can ICT be the solution for financial exclusion? An inquiry into the various enabling factors. Paper presented in the UGC sponsored National Seminar Organised by Department of Commerce & Management Studies, St Thomas College, Thrissur, Kerala on 6 & 7 March 2012
4	Is social capital the only real benefit to microfinance to the participants?. Paper presented in the National Seminar Organised on Banking Divergence Challenges and Solutions by the Department of Commerce & Management Studies, Sri Achutha Menon Government College, Thrissur, Kerala on 21 and 22 February 2012
5	An Evaluation of SHG Bank Linkage Programme – with reference to Kerala. . Paper presented in the International Conference on Microfinance ICOMFI- 2011, Organised by the Department of Commerce , School of Management, Pondichery University on 27-29 January
Biju John M	
Si.No	Details of Paper Presented
1.	“Financial Inclusion: An Assessment of the Progress and Challenges” , National Seminal on “Contours Of Indian Banking”, Kerala Agricultural University, 23rd and 24th cOctt.2013.
2.	“An evaluation of innovative endeavors of Commercial Banks Towards Financial Inclusion”, School of Development Studies, Kannur University, 3rd and 4th Feb 2011.
3.	“Financial Services Towards the Weaker Sections- An Assessment of the Banking and Insurance Services”, National Conference on Banking And Finance, BMIM, 6th April, 2013.
4.	Challenges of Inclusive Growth: A Study Of Agricultural Sector in Kerala, UGC Sponsored National Conference On Banking And Finance, Rajagiri College Of Social Sciences, 20th Feb ,2013.
5.	“The Impact of Kisan Credit Cards on the Agricultural Households in India”, National Seminar on “Emerging Horizons in Banking and

	Finance”, Government College, Chalakkudy 15th Feb 2012.
6.	“Prospects of M-Governance: An Evaluation”, UGC Sponsored National Seminar on “Knowledge Management and M-Governance”, Research Dept. of Commerce, St. Thomas College, Thrissur, 6th and 7th March, 2012.
7.	“Financial Inclusion-An Analysis”, National Seminar on “Banking Sector-Issues and Opportunities”, Institute of Management and Technology, Thrissur, 19th April, 2011
8.	“Recent Trends in foreign investment in India” National seminar on two decade of economic reforms in India, February 2013, Held at Sree Neelakanta Government Sanskrit College, Pattambi

Daisland Thattil

Sl.No	Details of Paper Presented
1	M-commerce anytime anywhere sales channel National on recent trends in commerce, trade, industry sponsored by UGC and organised by dept. of commerce Govt college Chittur
2	Foreign Direct Investment in India policy and impact on Agriculture sector National seminar on Foreign Direct Investment policy issues and implications sponsored by UGC conducted by Pg Dept. of commerce, Govt college Chittur
3	Camels Rating System National seminar on Banking Divergence Challenges and solutions Organised by Dept of commerce Sri C Achuthamenon college kuttanelloor
4	DIC an active force in entrepreneurial development National seminar on fostering entrepreneurship for sustainable economic development organised by SN College Alathur
5	Role of DIC in development of MSMEs in Kerala with special reference to Tcr.Dt. 2 day international conference on Entrepreneurship in globalised world challenges, policy and strategies by De paul institute of science and technology Angamaly on 13th and 14th 2013

Sowmia Rajan K

Si.No	Details of Paper Presented
1	Opportunities and Challenges of Internet Banking ,UGC Sponsored National Seminar on Emerging Trends in Banking and Finance Organised by PG Department of Commerce, MA College Kothamangalam.
2	(E-Banking Vs Traditional Banking, National Seminar on Global Market and the Emerging Trends in Financial Services Organised by PG Department of Commerce and Management Studies, St, Aloysius College, Elthuruth. 2012
3	Impact of E- Banking services in Thrissur ,Department of Collegiate Education , Government of Kerala Sponsored National Seminar on Banking Divergence- Challenges and solutions, Organised by PG Department of Commerce and Management studies, Sri Achuthamenon Government College, Thrissur, Kerala.

	2012
4	Eco Marketing, <i>National Seminar on Environment and Development: issues And Challenges</i> , Organized by Post Graduate Departments, Sri Achutha Menon Government College, Thrissur, Kerala and Sponsored by The Dept. of Collegiate Education, Government of Kerala, 2013
5	Study on bank loan repayment behavior of borrowers- A profile analysis, <i>National Seminar on Two Decades of Economic Reforms in India-Performance And Challenges</i> , P.G Dept of commerce, Sree Neelakanta Government Sanskrit College, Pattambi, Palakkad, Kerala and Sponsored by The Dept. of Collegiate Education, Government of Kerala. 2013
6	Study on the role of commercial banks in empowering women entrepreneurs and its impact among women with special reference to Thrissur district, National Seminar on "Fostering Entrepreneurship for sustainable economic development" organized by Sree Narayana College, Alathur, Palakkad. 2014
7	"An Analysis of the Growth of Financial Derivatives in India ", paper presented at UGC Sponsored National Seminar on "Foreign Exchange (FOREX) Derivatives Market in India" organised by Post Graduate Department of Commerce and Management Studies, St. Aloysius College, Elthuruth, 2014

Divya George

Sl No	Details of Paper Presented
1	"Significance of E-Governance in social websites. Is viral marketing a friend or foe to our society?" UGC sponsored National Seminar on "Knowledge Management and E- governance in corporate sector Organised by PG Department of Commerce and Management Studies St. Thomas' College Thrissur. 2012
2	The progress of Kisan Credit Card Scheme in India. UGC Sponsored National Seminar on Emerging Trends in Banking and Finance Organised by PG Department of Commerce, MA College Kothamangalam. 2012
3	Investment opportunities in Gold. National Seminar on Emerging Horizons in Banking and Finance Organised by PG Department of Commerce Panampilly Memorial Government College, Chalakudy. 2012
4	Trends in Special Privilege bank account for women and their satisfaction level towards privilege account offered by various banks.. Department of Collegiate Education , Government of Kerala Sponsored National Seminar on Banking Divergence- Challenges and solutions, Organised by PG Department of Commerce and Management studies, Sri Achuthamenon Government College, Thrissur, Kerala. 2012
5	"Changing Buying culture and saving habits of Indians-Potential

	threats of 'Oniomania' due to the emergence of FDI in retail sector. Natiopnal Seminar on FDI in Retail Sector- Problems and Prospects Organised by Department of Commerce and Research Centre at St.Albert's College, Ernakulam. 2012
6	“Trends in Reverse Mortgage. National Seminar on Global Market and the Emerging Trends in Financial Services Orgtanised by PG Department of Commerce and Management Studies, St, Aloysius College, Elthuruth.2012
7	Eco Marketing. <i>National Seminar on Environment and Development: issues And Challenges</i> , Organized by Post Graduate Departments, Sri Achutha Menon Government College, Thrissur, Kerala and Sponsored by The Dept. of Collegiate Education, Government of Kerala. 2013
8	Eco Marketing, <i>National Seminar on Environment and Development: issues And Challenges</i> , Organized by Post Graduate Departments, Sri Achutha Menon Government College, Thrissur, Kerala and Sponsored by The Dept. of Collegiate Education, Government of Kerala. 2013
9	“Study on the role of commercial banks in empowering women entrepreneurs and its impact among women with special reference to Thrissur district. National Seminar on “Fostering Entrepreneurship for sustainable economic development” organized by Sree Narayana College, Alathur, Palakkad. 2014
10	“ Gambling related sales promotion and its influence on consumers buying behaviour” UGC sponsored National seminar held at St. Joseph College, Irinjalakuda. 2015

Sijo Jacob V

Sl. No	Details of Paper Presented
1	Foreign Direct Investment (FDI) into India: A Saga of Twenty Years of Post Liberalization, UGC sponsored National Seminar on Indian capital adn commodity market – emerging trends held at New man College, Thodupuzha, September 2012
2	Managerial Efficiency in DCBs in Kerala. A DEA approach national seminar held by Department of Commerce and Management studies, Sri Achuthamenon GovernmentCollege, Thrissur, Kerala., February 2012
3	An Evaluation of Efficiency of State Cooperative Banks in India , International Conference on Marketing, Mohanlal Shugadiya University, Udaipur, Rajasthan -2012
4	FII's in to India and its Impact on Indian stock Market and foreign Exchange Market, International Conference on Paradigm Shift in Innovative Business Managemnet, Sree Narayana Gurukulam Institute of Mangement, Kottayamt 2012
5	Bank Branch Efficiency in District Cooperative Banks in Kerala, 2012

6	Efficiency in District Central Cooperative Banks in India: A Data Envelopment Analysis Approach.2012
7	Behavioral Responses to Service Quality in Banks. International Conference on Marketing, Banaras Hindhu University 2012
Sindhu George	
Sl.No	Details of Paper Presented
1.	“Disaster Management and General Preparedness”, National Seminar on Disaster Management and Law : Issues and Challenges organised by the PG Department of Environmental Law and Legal Order of The Tamil Nadu Dr.Ambedkar Law University ,Chennai on 12th and 13th October 2011.
2.	“Cyber Crimes in Indian Banking Sector”, National Conference on Contemporary Benchmarking in Banking and Insurance Sector organised by Department of Commerce Loyola College (Autonomous)Chennai on 15th and 16th February 2012
3.	“Merger and Acquisition in Indian Banking Sector-Swot Analysis”, National Seminar on Emerging issues on service sectors organised by the PG and Research Department of Commerce, AVVM Sri Pushpam College (Autonomous)Poondi Thanjavur, TamilNadu on 10th March 2012.
4.	“Fdi Policies in India”, National Level Seminar on “Indian Capital Market: Past, Present and Emerging Future” organised by the ET in Campus & The Post Graduate Dept. of Commerce & Management Studies at Sacred Heart College, Chalakkudy on 28th January 2013
5.	“Traffic Movements in Indian Aviation Sector”, National Level Seminar on “Emerging Trends in Infrastructure Developments- Concepts, Challenges and Promises”, organised by the Post Graduate Dept. of Commerce, Panampilly Memorial Government College, Chalakkudy sponsored by the Dept. of Colligate Education, Government of Kerala on 5th and 6th February 2013
6.	“Dic –An Active Force in Entrepreneurial Development”, UGC Sponsored National Seminar on “Fostering Entrepreneurship for sustainable Economic Development”organised by Post Graduate Department of Commerce ,SN College Alathur, Palakkad on 20th and 21st February 2014.
7.	Kudumbasree A catalyst for women empowerment UGC sponsored national seminar on perspectives of Women Entrepreneurship in India on 28th Jan 2015 at Mercy college Palakkad
8	“An Overview of ERP Journey” in an International Conference on Sustainable Innovations in Global Business Scenario Organised by the Department of Commerce , Madras Christian College (Autonomous) Chennai on 14th and 15th September 2011 .
9.	“Role of Dic in Development of Msmes in Kerala with Special

	Refernce to Thrissur District” in an International Conference on “Entrepreneurship in a globalised world...challenges, policy and strategy perspectives” organised jointly by School of Management, De Paul Institute of Science & Technology, Angamaly and School of Public Service, De Paul University, Chicago on 13th and 14th December 2013
10	“Indian Insurance Sector - Moving Up or Down?” in an International Conference on “Financial Innovations” organised by the Post Graduate Dept. of Commerce & Management Studies, MES Asmabi College, P Vemballur in collaboration with State Bank of India on 5th& 6th August 2014

Jilna John

Sl.No	Details of Paper Presented
1	“Capital Market Research”, National Level Seminar on “Indian Capital Market: Past, Present and Emerging Future” organised by the ET in Campus & The Post Graduate Dept. of Commerce & Management Studies at Sacred Heart College, Chalakkudy on 28th January 2013
2	“Traffic Movements in Indian Aviation Sector”, National Level Seminar on “Emerging Trends in Infrastructure Developments- Concepts, Challenges and Promises”, organised by the Post Graduate Dept. of Commerce, Panampilly Memorial Government College, Chalakkudy sponsored by the Dept. of Colligate Education, Government of Kerala on 5th and 6th February 2013
3	“A study on the analysis of Trends in Informal Sector with special reference to Small and Medium Sized Enterprises (SMEs)”, International Conference on “Entrepreneurship in a globalised world...challenges, policy and strategy perspectives” organised jointly by School of Management, De Paul Institute of Science & Technology, Angamaly and School of Public Service, De Paul University, Chicago on 13th and 14th December 2013
4	“Indian Insurance Sector – Moving Up or Down?”, International Conference on “Financial Innovations” organised by the Post Graduate Dept. of Commerce & Management Studies, MES Asmabi College, P Vemballur in collaboration with State Bank of India on 5th& 6th August 2014

Vipin Benny

Si.No	Details of Paper Presented
1	“Hedge your future with index futures”, in ugc sponsored national seminar “commodity derivatives and the role of intermediaries” at St. Thomas college august 2013.
2	“Green business ; effectiveness of grid tie system with special refernce to solar rooftop programs “ paper presented at national seminar on green business-emerging trends,opportunities & challenges organised by christ college irinjalakuda , december 2013
3	“Camels rating system”, in national seminar on banking divergence –

	challenges and solutions organised by sri achuthamenon Government College , February 2012
4	“Global marketing : challenges and opportunities ” in national seminar on global market and emerging trends in financial service st.aloysius college elthuruth, March 2012
5	“An analysis marketing strategies of BSNL service – a case study of bangalore region” ”, in ugc sponsored national seminar “service sector dynamism and economic growth: problems and prospects organised by sri achuthamenon Governmentcollege , December 2013

Ajesh Antony

Si.No	Details of Paper Presented
1.	“Customer attitude in multi - brand retailing” at national seminar “New Trends In business Research Scenario – planning and publication” Sahrdaya College of Advance studies , Kodakara, Thrissur.24th January 2014
2.	“Impact of multi – branded retail house on consumers buying behavior” At National seminar on “Retail Industry In India” held at NSS College Nenmara. On 6th and 7th February 2014
3.	Presented a paper titled “ MICRO FINANCE: strength and weakness” in a national level seminar at St.Aloysius College, Elthuruth, Thrissur Kerala. 6th and 7th March 2012

Mestin P C

Si.No	Details of Paper Presented
1	“Global market and the emerging trends in financial services” in the national seminar on“Global market and the emerging trends in financial services” at St. Aloysius College, Elthuruth, on 6th& 7th March, 2012
2	“Need of FII” in the national seminar on “Indian capital market: past, present and emerging future” at Sacred Heart College, Chalakudy, on 28th January, 2013
3	“FII in infrastructural development” in the UGC Sponsored national seminal on “Emerging trends in infrastructure developments- concepts, challenges and promises” at Panampilly Memorial Government College, Chalakudy, 680722, on 5th& 6th February, 2013
4	“Changing preference of customers from local retail outlets to supermarkets in city” in the national seminar on “Retail industry in India” at NSS College Nemmara, Palakkad, on 6th& 7th February, 2014
5	“Insurance Repository system” in the national seminar on “Financial engineering in India: growth prospects and challenges” at NSS College Nemmara, Palakkad on 20th& 21st November, 2014
6	“Kudumbasree and Women Entrepreneurship” in seminar on Kudumbasree and Women Entrepreneurship in India held at MES Asmabi College, Kudungallur, Thrissur Dist.

A - Publication per faculty

B - Number of papers published in peer reviewed journals (national / international) by faculty
C - Number of publications listed in International Database
D - Chapter in Books
E - Books Edited
F - Books with ISBN/ISSN number with details of publishers
G - Sessions chaired in national conferences
H - Conference papers
I - h index

	Name of faculty	A	B	C	D	E	F	G	H	I
i	Dr. Thomas Paul Kattookaran	9	9						4	
ii	Paul Jose								5	
iii	Biju John M	3	3						8	
iv	Daisland Thattil	2	2						5	
v	Sowmia Rajan K	3	3						7	
vi	Divya George	11	11						10	
vii	Sijo Jacob V	7	7						7	
viii	Sindhu George	5	5						10	
ix	Jilna John	2	2						4	
x	Vipin Benny	6	6						5	
xi	Ajesh Antony								3	
xii	Mestin P C	1	1						6	

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Dr.Thomas Paul Kattookaran, Associate Editor, Advances in Arts & Ideas (ISSN 0973-23737)	
22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010-2015	100%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	Nil

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards Recognition	Awarding body	Year
	Sowmia Rajan K.	Faculty	JRF	UGC	2010
	Sijo Jacob V.	Faculty	JRF	UGC	2011
	Jilna John	Faculty	M.Com Second Rank	UGC, University of Calicut	2011

	Ranjiny Ramachandran	Student	M.Com First Rank	University of Calicut	2010
	Chaithnya U.	Student	M.Com Second Rank	University of Calicut	2010
	Rosemol Rappai	Student	M.Com Second Position	University of Calicut	2013
UGC NET/JRF HOLDERS STUDENTS					
	YEAR	NET/JRF	NO. OF HOLDERS		
	2010	NET	3		
		JRF	1		
	2011	NET	4		
		JRF	4		
	2012	NET	2		
		JRF	-		
	2013	NET	1		
		JRF	-		
	2014	NET	1		
		JRF	-		

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Prof. Raveendranath K	PVC, University of Calicut	National Seminar & Research Centre inauguration	2013
	CMA P. Raju Iyer	Chairman, SIRC of ICAI, Chennai	National Seminar	2013
	CMA T. G. Sugunan,	Secretary, Thrissur Chapter	National Seminar	2013
	Dr. V. K Vijayakumar	Investment Strategist, GEJIT BNP Paribas	National Seminar	2013
	CMA H. Padmanabhan	Vice Chairman, ICAI-SIRC, Sr. Manager IOB, Trivandrum	National Seminar	2013
	Prof. K. A. Siraj	Syndicate Member, University of Calicut	National Seminar & Research Centre inauguration	2013
	Anand Shijan M. R.	State Head, MCX Exchange Square, Suren Road, Chakala, Andheri(E), Mumbai	National Seminar	2013
	Prof. Dr. Mani K. P.	Department of Economics, University of Calicut	National Seminar	2013 & 2015

	CMA P. V. Antony	DGM(Strategic and Finance), CSB Head Office, Thrissur	National Seminar	2013 & 2015
	Dr. Abhilash Nair	Assistant Professor, IIM Kozhikode	National Seminar	2013
	Dr. Philip Sabu	Director, MBA, Agricultural University, Mannuthy	National Seminar	2013
	Mr. Biju Gopinathan	NCDEX, Mumbai	National Seminar	2013
	Dr. M. A. Joseph	DCMS, University of Calicut	National Seminar	2013
	Sri .T. S. Anantharaman FCA	Director, CSB	National Seminar	2013
	Mr. Manoj Kumar V. R, FCS, MBA	Company Secretary, ICSFE Ltd.	Motivation Talk for first year M. Com students	2013 2015
	T. P. Rajkumar	MD, KSFE	TOUROFEST' 13	2013
	Mrs. M.S. Jaya IAS	District Collector, Thrissur	TOUROFEST' 13	2013
	Mr. Biji Eapen	National President, IATA Agents association of India(IAAI), Cochin	TOUROFEST' 13	2013
	Mr. Jyothikrishna P. R.	Cine Artist	TOUROFEST' 13	2013
	Prof. Jose M. C.	Associate Professor, SB College Changanassery	Seminar on SPSS	2013
	Mr. Saji K. George	Company Secretary & GM, CIAL, Ernakulam	Inauguration of COMET' 13	2013
	Dr. T. G. Saji	Assistant Professor, Govt. College, Thrissur	COMQUIZ' 13	2014
	Mr. Ajaya Kumar C. P.	Dy. Manager, Keltron Knowledge Services Group, Trivandrum	COMQUIZ' 13	2014
	Mr. M. P. Ishak	Dy. DCE, Thrissur	TOUROFEST' 14	2014
	Mr. P. Rajendran	MD, KSFE, Thrissur	National Seminar	2015
	Mr. P. K Vijayakumar	Insurance Ombudsman, Kochi	National Seminar	2015
	CMA M. Madhavankutty	Chairman, Institute of Cost Accountants of India, Thrissur Chapter	National Seminar	2015
	Mr. P. Balagopala Kurup	Retd. GM, I.O.B	National Seminar	2015
	Mr. T. O. Jose	AGM (RBS), CSB Head Office, Thrissur	National Seminar	2015

	Dr. Vasanthakumari P	Research guide and associate professor of NSS college	National Seminar	2015
	Mrs. Annamma Simon	LDM	National Seminar	2015
	Dr. M .C. Dileepkumar,	Hon'ble Vice-Chancellor, Sree Sankaracharya University of Sanskrit, Kalady	National Seminar	2015
	CMA. Padmanabhan H.	FCMA, Central Council Member, The Institute of Cost Accountants of India	National Seminar	2015
	Mr. A. G. Varghese,	Sr. Vice President, The South Indian Bank Ltd	National Seminar	2015
	Dr. Mathew Manimala	Director-Research, XIME & Former Professor, IIM-B	National Seminar	2015
	Mr. P. M. Jose	Business Advisor and Former DGM Indian Bank	National Seminar	2015
	Dr. M. A. Joseph	Director, Academic Staff College, University of Calicut	National Seminar	2015
	Sri. Rajendaran P.	Managing Director KSFE Ltd		2015
	CMA Jagadeesh A.D.	FCMA, Chairman, ICAI, Thrissur Chapter	Workshop of syllabus and National Seminar	2015
	Rev Dr. Abraham Mulamootil	Chairman Peace People Planet- Innovate Our Space	National Seminar	2015
	Prof. K. P. Muraleedharan	Professor, Dept. Of Commerce and management studies ,University of Calicut	Research Workshop	2015
	Dr. V. M. Manoharan	Dy. Director of Collegiate Education (Rtd)	Merit day 2015	2015

25	Seminars/Conferences/Workshops organized & the source of funding		
	Programme	Source of funding	Fund received (Rs)
	National Level Seminar on Knowledge Management E-Governance in Corporate Sector on 28th& 29th February 2012.	University Grant Commission	70,000

	National Seminar on Commodity Derivatives and the Role of Intermediaries was held on 20-8-2013 and 21-8-2013.	University Grant Commission	60,000
	National Seminar on Emerging Trends in Banking, Insurance and Financial Services was held on 17 and 18 March, 2014	Sponsorship and Donation IQAC	26,000
	National Seminar On Financial Services: Innovations For Inclusion In India was held on 11 and 12 august, 2015	University Grant Commission	80,000

26	Student Profile Programme/Course Wise			
	Demand Ratio - B. Com (Finance, Banking and Insurance)			
	Academic year	Class Strength	Number of Applicants	Demand Ratio
	2010-11	120	2457	20.43
	2011-12	120	3064	25.53
	2012-13	120	3552	29.60
	2013-14	120	CAP	-
	2014-15	120	CAP	-
	DEMAND RATIO-M. Com			
	Academic year	Class Strength	Number of Applicants	Demand Ratio
	2010-11	20	210	10.50
	2011-12	20	CAP	
	2012-13	20	CAP	
	2013-14	20	235	11.75
	2014-15	20	226	11.30
	Academic Year		Students Appeared	Pass %
	2010-11	Finance	57	68
		Computer Application	59	78
	2011-12	Finance	58	86
		Banking	56	79
	2012-13	Finance	58	90
		Banking	48	83
	2013-14	Finance	55	88
		Banking	55	83
	2014-15	Finance	55	98

	Banking	59	95
Academic Year	Students Appeared	Pass %	
2010-11	20	85	
2011-12	19	89	
2012-13	16	90	
2013-14	15	100	
2014-15	20	100	

27	Diversity of students			
Name of the course		Percentage of the students		
Year	Course	From the same state	From other states	From abroad
2010-11	B.Com F	98.25	1.75	Nil
	B.Com CA	98.4	1.6	Nil
2011-12	B.Com F	100	Nil	Nil
	B.Com B	100	Nil	Nil
2012-13	B.Com F	100	Nil	Nil
	B.Com B	100	Nil	Nil
2013-14	B.Com F	100	Nil	Nil
	B.Com B	100	Nil	Nil
2014-15	B.Com F	98.2	1.8	Nil
	B.Com B	98.3	1.7	Nil

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.	
	UGC NET/JRF HOLDERS	
Year	NET/JRF	No. of holders
2010	NET	3
	JRF	1
2011	NET	4
	JRF	4
2012	NET	2
	JRF	-
2013	NET	1
	JRF	-
2014	NET	1
	JRF	-

29	Student progression	Number of students				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG / CA / CMA / CS	70	77	80	89	86
	PG to MPhil	12	6	18	12	12
	PG to PhD	24	24	12	18	12
	PhD to Post-Doctoral	0	0	0	0	0
	Employed Campus selection/Other than campus recruitment	0	19	22	17	2
	Entrepreneurship/Self-employment	17	28	14	11	18
	Employed Campus Selection/Other than Campus Recruitment PLACEMENT DEATAILS					
	YEAR	NO.OF PLACEMENTS	NAME OF INSTITUTIONS			
	2012	16	EUREKA FORBES – Nos.16			
	2013	18	SPANDANA SPHOOTY – Nos.4 SOUTH INDIAN BANK – Nos.14			
	2014	14	SOUTH INDIAN BANK – 14			
	2015	2	BLUE DART – Nos.1 FEDERAL BANK – Nos.1			

30	Details of Infrastructural facilities		
	Library	3039 Commerce Books in the library and `19 Journals are subscribed by the Library. There is book bank in the department of commerce with 400 text books and 4 journals.	
	Internet facilities for Staff & Students	10 Computers in the computer lab, 3 Computers in the department and 1 Laptop with Internet Facility	
	Laboratories	NA	
	Classrooms with ICT facility		
	Sl No.	List of Equipments	Number
	1	Computers in the computer lab	10
	2	Computers in the department	3
3	Laptop	1	
4	Printer-Canon	1	
5	Scanner-HP	1	
6	Document Camera	1	

7	LCD Projector	1
8	Public Addressing System	1

31	Number of students receiving financial assistance from college, university, government or other agencies				
	Sl No:	Name of students	Class	Year	Achievements
	1	Hima	B.Com Finance-6th semester.	2012	Central Sector Scholarship.
	2	Revathy	“ ”	2012	“ ”
	3	Amal	“ ”	2013	“ ”
	4	Sowmya M S	“ ”	2013	“ ”
	5	Amrutha Mohandas	B.Com 6th sem Banking	2013	Central Sector Scholarship.
	6	Sreelakshmi P	“ ”	2013	“ ”
	7	Shakira V	“ ”	2013	“ ”
	8	Anjali K.G	“ ”	2013	“ ”
	9	Prophin Paul	M.Com 1st Sem	2014	Central Sector Scholarship.
	10	Athira Menon	M.Com 1st Sem	2014	Central Sector Scholarship.
	11	Divya varghese	M.Com 1st Sem	2014	Central Sector Scholarship.
	12	Suja K.P	M.Com 3rd Sem	2015	Indira Gandhi scholarship
	13	Aiswarya C S	“ ”	2013	Higher Education Scholarship.
	14	Athira	“ ”	2013	“ ”
	15	Megha	“ ”	2013	“ ”
	16	Aswathy	“ ”	2013	“ ”
	17	Stefi	“ ”	2013	“ ”
	18	Taniya Jit Thomas	B.Com 6th Sem Banking	2013	Post matric scholarship
	19	Athira J	M.Com 1st Sem	2015	District merit scholarship
	20	Alwin C.V	M.Com 1st Sem	2015	Post matric scholarship
	21	Ramya R	M.Com 1st Sem	2015	Higher education scholarship

	22	Stivin T.S	M.Com 1st Sem	2015	Suvarna jubilee scholarship
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Year	Funding agencies	No. of students
2011-12	Govt of India	2
2012-13	Govt of India	7
	Govt of Kerala	5
2013-14	Govt of India	6
	Govt of Kerala	3
2014-15	Govt of India	1

32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts			
	Name	Designation	Context	Year
	Prof. Raveendranath K	PVC, University of Calicut	National Seminar	2013 & 2015
	P. Raju Iyer	Chairman, SIRC of ICAI, Chennai	National Seminar	2013
	Dr. V. K. Vijayakumar	Investment Strategist, GEOJIT BNP Paribas	National Seminar	2013
	H. Padmanabhan, CMA	Vice Chairman, ICAI-SIRC, Sr. Manager IOB, Trivandrum	National Seminar	2013
	Anand Sheyon M. R.	State Head, MCX Exchange Square, Suren Road, Chakala, Andheri(E), Mumbai	National Seminar	2013
	Prof. Dr. Mani K. P.	Department of Economics, University of Calicut	National Seminar	2015
	CMA P. V. Antony	DGM (Strategy and Finance), CSB Head Office, Thrissur	National Seminar	2013
	Dr. Abhilash Nair	Assistant Professor, IIM Kozhikode	National Seminar	2013
	Philip Sabu	Director, MBA, Agricultural University, Mannuthy	National Seminar	2013 & 2015
	Biju Gopinathan	NCDEX, Mumbai	National Seminar	2013
	CA T. S. Anantharaman	Director, CSB	National Seminar	2013

Manoj Kumar V. R., FCS, MBA	Company Secretary, KSFE Ltd.	Motivation Talk for first year M. Com students	2013 2015
M.S. Jaya, IAS	District Collector, Thrissur	TOUROFEST' 13	2013
Biji Eapen	National President, IATA Agents association of India(IAAI), Cochin	TOUROFEST' 13	2013
Jose M. C.	Associate Professor, SB College Changanassery	Seminar on SPSS	2013
Saji K. George	Company Secretary & GM, CIAL, Ernakulam	Inauguration of COMET' 13	2013
Ajaya Kumar C. P.	Dy. Manager, Keltron Knowledge Services Group, Trivandrum	COMQUIZ' 13	2014
M. P. Ishak	Dy. DCE, Thrissur	TOUROFEST' 14	2014
Laji George Thomas	Branch Manager, Riya Travels, Thrissur	TOUROFEST' 14	2014
P. Rajendran	MD, KSFE, Thrissur	National Seminar	2015
P. K. Vijayakumar	Insurance Ombudsman, Kochi	National Seminar	2015
M. Madhavankutty	Chairman, Institute of Cost Accountants of India, Thrissur Chapter	National Seminar	2015
P. Balagopala Kurup	Retd. GM, I.O.B	National Seminar	2015
T. O. Jose	AGM (RBS), CSB Head Office, Thrissur	National Seminar	2015
Annamma Simon	LDM, Canra Bank, Thrissur	National Seminar	2015
Dr. M .C Dileepkumar	Hon'ble Vice- Chancellor, Sree Sankaracharya University of Sanskrit, Kalady	National Seminar	2015
A. G. Varughese	Sr. Vice President, The South Indian Bank Ltd	National Seminar	2015
Dr. K. P. Mani,	JMC, University of Calicut	National Seminar	2015

Dr. Mathew Manimala	Director-Research, XIME & Former Professor, IIM-B	National Seminar	2015
Dr. P. O. George	Former HOD, Research Dept. of Commerce	TouroFest	2015
Dr. C. K. Francis,	Principal, ELIMS	National Seminar	2015
P. M. Jose	Business Advisor and Former DGM Indian Bank	National Seminar	2015
Dr. M. A. Joseph,	Director, Academic Staff College, University of Calicut	National Seminar	2015
CMA P. V. Antony	Chief Financial Officer, CSB Ltd	National Seminar	2015
Dr. Vasanthakumari P.	Associate Professor & Research Guide, NSS College, Ottappalam	National Seminar	2015
Mar Raphael Thattil,	Auxiliary Bishop & Manager	National Seminar	2015
Sri. Rajendaran P.	Managing Director KSFE Ltd	National Seminar	2015
CMA Jagadeesh A. D.	FCMA, Chairman, ICAI, Thrissur Chapter	Merit Day	2015

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Remedial Coaching • UGC/NET Coaching • WWS (Walk With Scholar) • Extension Lectures • Seminars/Workshops • Projects/Assignments • Internal Exams/ Class Tests • PPT Presentations

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	<ul style="list-style-type: none"> • Financial Inclusion Survey- Inclusive survey conducted in Nadathara Grama Pnachayath as per Nadathara Gram Panchayath order No. A3-225/2015 dated 15/01/2015 • Old age home visit (St. Joseph old age home, Pullazhi) • Old age home visit – Govt old age home, Ramavarmapuram. • Orphanage visit

	<ul style="list-style-type: none"> • UGC NET Coaching • Faculty members served as Subject Experts of the University of Calicut. • Faculty members served as Additional Chief Superintendent of the University of Calicut. • Faculty member serves as the Co-ordinator of the School of Distance Education, University of Calicut. • Faculty Member serves as the University nominee in the Research Admission Committee.
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35	SWOC analysis of the department and Future plans
	<p style="text-align: center;">Strength</p> <ul style="list-style-type: none"> • Department has been elevated as Research Centre in 2013 • Talented, competent and dedicated permanent staff members • High demand for the courses offered • Endowments and scholarships instituted to support PG and UG students • Active and supportive alumnae and their contributions • UGC/NET Coaching • Good academic results • Sizable number of students gets jobs in campus placement. • Computer Lab with 10 computers and Wi-Fi internet facility. • Inter-departmental and inter-collegiate competitions such as COMQUIZ, Best Male and Female Singer Competition etc • Association Day Celebrations and Merit Day Celebrations as COMET • Club activities under Quiz Club, Social Service Club, Tourism Club etc • World Tourism Day Celebrations as TOUROFEST • Remedial classes for slow learners • Quality enhancement through regular class tests, presentations, industrial visits and seminars
	<p style="text-align: center;">Weakness</p> <ul style="list-style-type: none"> • Low boys to girls ratio for PG Courses • Low progression from PG to PhD • Limited funding for infrastructure development
	<p style="text-align: center;">Opportunity</p> <ul style="list-style-type: none"> • Competitions provide an opportunity for the students to grow intellectually • The community enrichment programmes enable students to be socially committed citizens • New areas of knowledge are introduced as part of curriculum • Opportunities to tap the resources from distinguished alumni
	<p style="text-align: center;">Challenges</p> <ul style="list-style-type: none"> • To motivate the PG students to pursue research • To enhance the number of research guides and research output of scholars

	Future plans
	<ul style="list-style-type: none">• Implementation of e-based teaching• International seminar• To undertake socially useful research project• Financial literacy campaign in the nearby community• Introduce M.Phil program

RESEARCH AND POST GRADUATE DEPARTMENT OF MATHEMATICS

1	Name of the Department	Department of Mathematics		
2	Year of Establishment	1926		
3	Names of Programmes / Courses offered	UG: B.Sc. Mathematics (Sub - Statistics and Physics) UG: B.Sc. Mathematics (Sub - Statistics and Computer applications) PG: M.Sc. Mathematics Ph.D. in Mathematics		
4	Names of Interdisciplinary courses and the departments/ units involved	Course	Dept. involved	
		Open course	All the non-mathematical departments	
		Complementary course	Physics, Chemistry, Science	Statistics, Computer
5	Annual/semester/choice based credit system (programmewise)	UG- Choice based credit Semester System (CBCSS) PG- Credit Semester System (CSS)		
6	Participation of the department in the courses offered by other departments	B.Sc. Chemistry (Complementary course) B.Sc. Physics (Complementary course) B.Sc. Statistics (Complementary course) B.Sc. Computer Science (Complementary course) All UG Courses (Open course)		
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil		
8	Details of courses/ programmes discontinued	Nil		
9	Number of Teaching posts	Sanctioned		Filled
		Regular	11	11
		Guest	Nil	Nil

10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
i	C.I. Thomas (HOD)	M.Sc, B.Ed	Associate Professor	Fluid Dynamics	26
ii	Vincent Joseph Pulikkottil	M.Sc, B.Ed	Associate Professor	Functional Analysis	23
iii	Saju M.I.	M.Sc, B.Ed.,	Assistant Professor	Cryptography	7

iv	Viji M.	M.Sc, JRF	Assistant Professor	Algebra	7
v	Dr. Sr. Alphonsa Mathew	M.Sc, B.Ed, M.Phill Ph.D	Assistant Professor	Fluid Dynamics Magnetohydrodynamics	5
vi	Antony John E.F.	M.Sc JRF	Assistant Professor	Graph Theory	3
vii	Sabu A.S.	M.Sc JRF	Assistant Professor	Fluid Dynamics	3
viii	Dr. Sr. Julie Andrews	M.Sc, M.Phill, Ph.D	Assistant Professor	Fluid Dynamics, Nano fluid	2
ix	Renjith Varghese	M.Sc, B.Ed	Assistant Professor	Graph Theory	2
x	Pratheesh George	M.Sc, M.Phill	Assistant Professor	Graph Theory	2
xi	Ashbin Mathew	M.Sc, JRF	Assistant Professor	Analysis	5 Months

11	List of senior visiting faculty	Nil
12	Percentage of lectures delivered by temporary faculty	
	Year	Percentage of classes
	2010-2011	9.09%
	2011-2012	36.00%
	2012-2013	14.71%
	2013-2014	36.00%
		9.09% (from 4/11/2013)
	2014-2015	9.09%

13	Student-Teacher Ratio (programmewise)	UG: B.Sc Mathematics with Computer Application	32:1
		UG: B.Sc Mathematics with Physics	32:1
		PG: M.Sc Mathematics	5:1

14	No. Of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	C.I. Thomas	M.Sc, B.Ed
	Vincent Joseph Pulikkottil	M.Sc, B.Ed
	Saju M.I.	M.Sc, B.Ed.,
	Viji M.	M.Sc, JRF

	Dr. Sr. Alphonsa Mathew	M.Sc, B.Ed, M.Phil, Ph.D
	Antony John E.F.	M.Sc, JRF
	Sabu A.S.	M.Sc, JRF
	Dr. Sr. Julie Andrews	M.Sc, M.Phil, Ph.D
	Renjith Varghese	M.Sc., B.Ed,
	Pratheesh George	M.Sc ,M.Phil,
	Ashbin Mathew	M.Sc, JRF

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Dr. Sr. Julie Andrews	UGC	3,00,000
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Dr. Sr. Alphonsa Mathew	UGC	2,00,000
18	Research Centre/ facility recognized by the University	Research Centre of University of Calicut		

No	Title	Journal	Vol.	Year	National/ international	ISSN /ISBN
1	VijiM. & R.S.Chakravarti. Indecomposibility of Incidence algebras	International Journal of Algebra	9(1)	2015	International	
2	Saju M.I. & P.L.Lilly . A Public-Key Cryptosystem Based on Discrete Logarithm Problem Over Finite Fields	IOSR Journal of mathematics(IOSR-JM)	11(1)	2015	International	2278-5728
3	Saju M.I. & P.L.Lilly. A Method of Designing Block Cipher Which Involves a key Bunch matrix with Polynomial Entries over F2.	IOSR Journal of mathematics(IOSR-JM)	11(2)	2015	International	2278-5728

4	Saju M.I. & P.L.Lilly. Application of function Fields in a Public Key Cryptosystem	Journal of Theoretical and Computational Mathematics	1(1)	2015	International	2395-6607
5	Alphonsa Mathew, K.D. Singh & Julie Andrews. Injection/Suction effects on an Oscillatory flow in a Rotating Porous Channel	Journal of Theoretical and Computational Mathematics	1(1)	2015	International	2395-6607
6	Julie Andrews, Alphonsa Mathew & S.P. Anjali Devi. Nanofluids- Smart Coolants: Milestones and Applications	Journal of Theoretical and Computational Mathematics	1(1)	2015	International	2395-6607
7	Alphonsa Mathew & K.D. Singh. Span-Wise Fluctuating MHD Convective Heat and Mass Transfer Flow through Porous Medium in a vertical Channel with thermal radiation And Chemical reaction	International Journal of Heat and Technology	33(2)	2015	International	
8	K.D. Singh & Alphonsa Mathew. Hall Current Effect on Radiating Span-Wise Fluctuating MHD Convective flow Through Porous Medium In a Vertical Porous Channel	Kragujevac.J .Sci.	37	2015	International	
9	Saju M.I. & Lilly P.L. A digital signature and a new public key cryptosystem based on discrete logarithm problem over finite extension field of the field F_p	IOSR -JM	11(5)	2015	International	2278-5728
10	Viji M. & R.S.Chakravarti. Characterization of Incidence algebras	GJMS Theory and Practical	6(1)	2014	International	0974-3200

11	Viji M. & R.S. Chakravarti. Nilpotent Ideals of Incidence algebras	Bulletin of Kerala Mathematical Association	11(2)	2014	International	0973-2721
12	K. D. Singh & Alphonsa Mathew. Exact Solution of an Oscillatory Free Convective MHD Flow in a Rotating Vertical Channel	International J.of Math .Sci .& Engg.Appls. (IJMSEA)	8(11)	2014	International	0973-9424
13	Saju M.I. & P.L.Lilly. A Method of Designing a public-key Cryptosystem based on discrete logarithm problem	International Research Journal of Pure Algebra	4(11)	2014	International	2248-9037
14	Alphonsa Mathew. An oscillatory Free Convective Magneto hydrodynamics (MHD) Flow Through Porous Medium In a Rotating vertical Porous Channel With Heat Source	IJMSEA	8(6)	2014	International	
15	P.L. Lilly & P.L. Antony. P intuitionistic Fuzzy Lie-Ideals over a Fuzzy Field	VISTAS	2	2013	National	2319-5770
16	Julie Andrews & Jasintha Quadras. Graceful Labelings of graphs	Bulletine of KMA	10(2)	2013	International	0973-2721
17	S.P. Anjali Devi & Julie Andrews. Nanofluids–next generation coolants with applications	Annals of Basic and Applied Sciences	4(1)	2013	International	2277-8756
18	P.L. Lilly & P.L. Antony. Solvable and nilpotent fuzzy Lie-ideal over fuzzy field	International Journal of Algebra	17	2012	International	1312-8868
19	P.L. Lilly & P.L. Antony. Some Properties of $(\alpha\beta q)$ -Fuzzy Lie F \sim Ideals	VISTAS	1	2012	International	2319-5770

20	K.D. Singh & Alphonsa Mathew. An Oscillatory Free Convective Flow Through Porous Medium in a Rotating Vertical Porous Channel.	GJSFR-F	12	2012	International	2249-4626
21	S.P. Anjali Devi & Julie Andrews. Nanofluid flow over a rotating disk with prescribed heat flux	Mapana J Sci	11(2)	2012	International	0975-3303.
22	Viji M. & R. S. Chakravarti. On Quivers and Incidence Algebras	Global Journal of Science Frontier research Mathematics & Decision Sciences	12(2)	2012	International	2249-4626
23	Pratheesh George & M.S. Samuel. Some results on Graphs of Semirings	Bulletion of KMA	9(1)	2012	International	
24	S.P. Anjali Devi & Julie Andrews. On gracefulness of join of graphs	Scientia,	8	2012	International	0976-8289
25	S.P. Anjali Devi & Julie Andrews. Laminar boundary layer flow of nanofluid over a flat plate	IJAMM	7 (6)	2011	International	0973-0184
26	S.P. Anjali Devi & Julie Andrews. Fascinating advances in nanofluids and its diverse applications	Proceedings of the National Conference on Advances in Applied Mathematics (NCAAM)		2011	International	978-93-80769-10-3
27	P.L. Lilly & P.L. Antony. (e, evq) -Fuzzy Lie-ideal over Fuzzy field	International Journal of Algebra	Vol. 5, 31, 1543 - 1556	2011	International	ISSN 1314-7595

28	P.L. Lilly & P.L. Antony. Some results on (α, β)-Fuzzy Field	Proc. national seminar, sep.2011, Asmabi, Kodungallur		2011	National	
29	P.L. Antony & P.L. Lilly. On a product of scalar and fuzzy Lie-Algebra over Fuzzy Field	Proc. national seminar , Newmann College, Thodupuzha		2011	National	
30	P.L. Antony & P.L. Lilly. Some properties of Intuitionistic Fuzzy –Lie Algebra over a Fuzzy field	Ashdin Publishing Journal of Generalized Lie Theory and Applications	5	2011	International	
31	P.L. Antony & P.L. Lilly. Intuitionistic Fuzzy Lie algebra over a fuzzy field	Proceedings, Abstracts, Short Communicati ons		2010	International	
32	P.L. Lilly & P.L. Antony. (α, β)-fuzzy Lie algebras over an (α, β)-fuzzy field	Journal of Generalized Lie Theory and Applications	Vol. 4, pp 1-8	2010	International	ISSN: 1736- 4337
33	K.D. Singh & Alphonsa Mathew. Heat transfer in viscous free convective fluctuating MHD flow past a hot vertical porous plate with variable temperature	Proc. Nat. Acad. Sci. India Sect. A	Vol 80, 2010	2010	International	
34	S.P. Anjali Devi & Julie Andrew. Recent trends in nano fluids & its applications	Scientia	6 (1)	2010	Internatio nal	0976- 8289.
35	Viji M. & R.S. Chakravarti. when is an algebra of endomorphisms an incidence algebra?	GJSFR-F	10(4)	2010	Internatio nal	2249- 4626

A - Publication per faculty
B - Number of papers published in peer reviewed journals (national / international) by faculty
C - Number of publications listed in International Database
D - Chapter in Books
E - Books Edited
F - Books with ISBN/ISSN number with details of publishers
G - Sessions chaired in national conferences
H - Conference papers
I - h index

Sl. No.	Name of faculty	A	B	C	D	E	F	G	H	I
1	Saju M.I.	5	5							
2	Viji M.	5	5							
3	Dr. Sr. Alphonsa Mathew	12	13	5					3	
4	Dr. Sr. Julie Andrews	7	7						12	
5	Pratheesh George	1	1							

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22	Student projects												
	<table> <tr> <td>Percentage of students who have done in-house projects including interdepartmental programme</td><td></td></tr> <tr> <td></td><td> <table> <tr> <td>2010-2015</td><td>100%</td></tr> </table> </td></tr> <tr> <td>Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies</td><td></td></tr> <tr> <td></td><td> <table> <tr> <td>2010-2015</td><td>Nil</td></tr> </table> </td></tr> </table>	Percentage of students who have done in-house projects including interdepartmental programme			<table> <tr> <td>2010-2015</td><td>100%</td></tr> </table>	2010-2015	100%	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies			<table> <tr> <td>2010-2015</td><td>Nil</td></tr> </table>	2010-2015	Nil
Percentage of students who have done in-house projects including interdepartmental programme													
	<table> <tr> <td>2010-2015</td><td>100%</td></tr> </table>	2010-2015	100%										
2010-2015	100%												
Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies													
	<table> <tr> <td>2010-2015</td><td>Nil</td></tr> </table>	2010-2015	Nil										
2010-2015	Nil												

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
	Melvin Varghese	Student	Recognition	CMSS	2015

	Melvin Varghese	Student	Recognition	CMSS	2014
	Melvin Varghese	Student	Recognition	CMSS	2014

24	List of eminent academicians and scientists/visitors to the department				
	Name	Designation	Context	Year	
	Dr. Kiran Kumar	Assist. Professor, Department of Mathematics, CUSAT, India	Dr. Moothedan Memorial Lecture	2015	
	Dr. M. Sethumadhavan	Professor in Mathematics Department Head of TIFAC – Core in Cyber Security, Amrita Vishwa Vidyapeetham University, Coimbatore	National Conference on Applied Mathematics	2015	
	Dr. M.N. Narayanan Namboodiri	Department of Mathematics, CUSAT, India.	National Conference on Applied Mathematics	2015	
	Dr. Subrahmanian Moosath K. S.	Department of Mathematics, IIST, Thiruvananthapuram	National Conference on Applied Mathematics	2015	
	Prof. Dr. Krishna Dev Singh	Department of Mathematics (ICDEOL), Himachal Pradesh University, Shimla, India	National Conference on Applied Mathematics	2015	
	Prof. Ramankutty	Prof. in Mathematics, Australia	Delivered a lecture during “Maths Quiz”	2014	
	Prof. A.V. John	TIFR Mumbai	Dr. Moothedan Memorial Lecture	2014	

25	Seminars/Conferences/Workshops organized & the source of funding		
	Programme	Source of funding	Fund received (Rs)
	National Conference on Applied Mathematics	IQAC	15,000
	Dr. Moothedan Memorial Lecture	Internal Quality assessment Cell (IQAC)	15,000

26	Student profile programme/course wise						
	Name of course/programme		Applicati ons received	Selec ted	Enrolled		Pass %
					Male	Female	
	B.Sc.	2010-11	1863	48	25	25	87

	Mathematics	2011-12	1880	50	22	25	69
		2012-13	1874	55	26	28	75
		2013-14	CAP				67
		2014-15	CAP				67
	B.Sc. Mathematics with Computer application	2010-11	1863	52	23	35	87
		2011-12	1880	55	12	41	69
		2012-13	1874	55	25	31	75
		2013-14	CAP				67
		2014-15	CAP				67
	M.Sc. Mathematics	2010-11	176	20	1	19	82
		2011-12	CAP				80
		2012-13	CAP				60
		2013-14	189	17	1	19	100
		2014-15	208	20	2	18	100

27	Diversity of students				
			Percentage of the students		
			From the same state	From other states	From abroad
	B Sc Mathematics	Year			
		2011	100		
		2012	100		
		2013	100		
		2014	100		
		2015	100		
	M Sc Mathematics	2011	100		
		2012	100		
		2013	100		
		2014	100		
		2015	100		

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.		
	Year	Examination passed	No. of students
	2010-2011	NET	3
	2011-2012	NET	2
	2013-2014	NET	3
	2014-2015	NET	4

29	Student progression		Number of students			
			2010-11	2011-12	2012-13	2013-14
	UG to PG		36	38	38	40
	PG to MPhil		0	0	0	0
	PG to PhD		0	0	0	0
	PhD to Post-		0	0	0	0

Doctoral					
Employed Campus selection/Other than campus recruitment	12	24	30	35	42
Entrepreneurship/ Self-employment	22	21	20	14	12

30	Details of Infrastructural facilities	
	Library	Department Book Bank
	Internet facilities for Staff & Students	8 computers with Wi-Fi internet facility
	Classrooms with ICT facility	1 Classroom with LCD projector

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2010-11	Post Matric Scholarship, Govt. of Kerala	18
	2011-12	Post Matric Scholarship, Govt. of Kerala	17
	2012-13	Post Matric Scholarship, Govt. of Kerala NBHM-Inspire Scholarship	16 1
	2013-14	Post Matric Scholarship, Govt. of Kerala	17
	2014-15	Post Matric Scholarship, Govt. of Kerala	16

32	Details on student enrichment programmes (special lectures / workshops /seminars) with external experts		
	Year	Resource person	Programme
	2013	Prof. A.V. John (TIFR Mumbai)	Dr. Moothedan Memmorial Lecture
	2014	Prof. Raman Kutty (Australia)	Dr. Moothedan Memmorial Lecture
	2015	1. Dr. Sethumadhavan (Amirtha Viswa Vidhyapeetham), 2. Dr. K.D. Singh (H.P. University), 3. Dr. M.N Narayanan Namboothiri(KUSAT) 4. Dr. Subrahmanian	National Conferences on Applied Mathematics

		Mooseth (IIST),	
	2015	Dr. Kiran K. Umar, Assist. Professor, Department of Mathematics, CUSAT, India	Dr. Moothedan Memorial Lecture

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Special attention to slow learners-Remedial Classes. • NET coaching for PG students on Saturdays and public holidays. • Use of audio visual teaching aids. • Systematic guidance of B. Sc. and M. Sc. Student projects. • Lecture series and seminars by expert academicians. • Seminar and assignment submission to make participatory and self-paced learning • Special emphasis to develop soft skills, logic and reasoning.

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	<ul style="list-style-type: none"> • Distributed Food packets among the needy. • Students often visit old age homes (Abhaya Bhavan, Mariapuram) • Blood donation campaign. • Participation in NSS Activities • Participation in NCC Activities • Student Journal <i>Maths Vision</i> for P.G. Students • Prof. M. D. Paul memorial Mathematics Quiz for college and higher secondary students • Endowments for Degree and P.G. students • Dr. Thomas Moothedan Memorial Lecture Series in applied mathematics • Social Service: Free Classes for VIII, IX, X students of St. Anne's Orphanage • Free Coaching: For Backward students • Guidance and Counselling for Students • Motivational Classes For Students

35	SWOC analysis of the department and Future plans
	Strength

	<ul style="list-style-type: none">• Faculties having the real passion for the subject• Two Ph. D. Degree holders and three teachers are pursuing their doctoral degrees.
	Weakness
	<ul style="list-style-type: none">• Difficulties faced in time scheduling and infrastructural facilities to conduct seminars, conferences and workshops on advanced areas.
	Opportunity
	<ul style="list-style-type: none">• Research and Extension• Course Content Management and Curriculum Design• Enhancing Soft skills, logic and reasoning
	Challenges
	<ul style="list-style-type: none">• Lack of good research activities• Lack of collaboration with good academicians and funding agency• Mould the students to create a passion towards the subject
	Future plans
	<ul style="list-style-type: none">• Enhance Research oriented academic life• Organize seminars and lectures at national and international level, beneficial for the researchers and students• Real life Application of the subject to be enhanced• International collaboration to organize various programmes

RESEARCH AND POST GRADUATE DEPARTMENT OF STATISTICS

1	Name of the Department	Research & Post Graduate Department of Statistics	
2	Year of Establishment	1985	
3	Names of Programmes / Courses offered	UG: BSc Statistics PG: MSc Statistics Ph.D: Statistics	
4	Names of Interdisciplinary courses and the departments/ units involved	Name	Departments involved
		Open course	All departments
		Complimentary course	Mathematics
		MA Economics (1st& 2nd Semester)	Economics
5	Annual/semester/choice based credit system (programme wise)	CBCSS - Choice Based Credit Semester System	
6	Participation of the department in the courses offered by other departments	Mathematics and Computer Sciences	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	9	8
	Guest	1	1

10. Faculty Profile						
No.	Name	Qual.	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i	Dr. P.O. Jenson	M.Sc., M.Phil., Ph.D	Principal & Associate Professor	Reliability and Queuing Theory	30	-
ii	Dr. T. D. Xavier	M.Sc., Ph.D	HOD & Associate Professor	Survival Analysis	30	-
iii	Dr. V.M. Chacko	M.Sc., M.Phil., Ph.D	Assistant Professor	Reliability, Stochastic Process	7	-

iv	Dr. T.A. Sajesh	M.Sc., M.Phil., Ph.D	Assistant Professor	Statistical Inference	3	1
v	Dr. Rani Sebastian	M.Sc., M.Phil., Ph.D	Assistant Professor	Distribution and Time Series Analysis	1	-
vi	Jeena Joseph	M.Sc.	Assistant Professor	Distribution Theory	1	-
vii	Dr. Nicy Sebastian	M.Sc., Ph.D.	Assistant Professor	Distribution and Mathematical Statistics	1	-
viii	Rasin R. S.	MSc	Assistant Professor	Reliability	1	
ix	Nayana	MSc	Guest Lecturer	Distribution	1	

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled by temporary faculty	
	Year	Percentage of classes
	2010-2011	10
	2011-2012	12
	2012-2013	12
	2013-2014	10
	2014-2015	15

13	Student-Teacher Ratio	UG: B.Sc Statistics	32 : 1
		PG: M.Sc Statistics	5 : 1

14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG:	
	Name	Qualification
	Dr. P.O. Jenson	M.Sc.,M.Phil., Ph.D
	Dr. T.D. Xavier	M.Sc., Ph.D
	Dr. V.M. Chacko	M.Sc.,M.Phil., Ph.D
	Dr. T.A. Sajesh	M.Sc.,M.Phil., Ph.D

	Dr. Rani Sebastian	M.Sc.,M.Phil., Ph.D
	Mrs. Jeena Joseph	M.Sc.
	Dr. Nicy Sebastian	M.Sc., Ph.D
	Mr. Rasin R. S.	MSc.
	Nayana	MSc.

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Dr. T.D. Xavier	UGC	2,40,000/-
		Dr. V.M. Chacko	UGC	1,55,000/-
		Dr. T.A. Sajesh	UGC	2,00,000/-
		Dr. Rani Sebastian	UGC	2,90,000/-

17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	Research Centre of University of Calicut
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19. Publication details						
Dr. V. M. Chacko						
No	Title	Journal	Vol.	Year	National/ International	ISSN/ ISBN
1	Ageing Properties of semi-Markov system and Total time on Test transform,	International transactions in Mathematical Sciences and computers	Issue 2, July, 297-313	2010	International	ISSN Online: 2231-4741, ISSN Print: 0975-3737
2	On Total Time on Test order	Reliability; Theory and Applications	Vol.1, 4 (23), 129-139.	2010	International	ISSN 1931-2321
3	Joint Importance measures for multistate reliability system	Opsearch (Available online)	Vol.48, No.3, 257-278.	2011	International	ISSN: 0030-3887 (print version) ISSN: 0975-0320 (electronic version)

4	Joint importance measure in network system,	Reliability; Theory and Applications	Vol.2, 4 (23), 129-139, 2011	2011	International	ISSN 1931-2321
5	Multistate Coherent System with multiple transitions,	Reliability Theory and Applications	02 (25) (Vol.1) 2012, June, pp. 85-91.	2012	International	ISSN 1931-2321
6	Mean Residual Life Criteria Of First Passage Time Of Semi-Markov Process Based On Total Time On Test Transforms,	Reliability Theory and Applications	01 (28) (Vol.8).	2013	International	ISSN 1931-2321
7	Total Time On Test Transforms Ordering Of Semi-Markov System	Reliability Theory and Applications	03 (34) (Vol.9).	2014	International	ISSN 1931-2321
8	P-Birnbaum Saunders distribution: applications to reliability and electronic banking habits	Reliability Theory and Applications	01 (28) (Vol.8).	2013	International	ISSN 1931-2321
Dr T A Sajesh						
9	Analysis of Crime Data using Robust Statistical Method: A study with Special Reference to Crime in India Report-2007	Indian Police Journal,	Vol. LVII(1), pp. 80-86.	2010	National	ISSN 0537-2429
10	An overview of Multiple Outliers in Multidimensional Data	Srilankan Journal of Applied Statistics,	Vol. (14-2), pp. 87-120	2013	International	ISSN 2424-6271
11	Reliability measures of systems with location-scale ACBVE Components	Reliability: Theory and Applications,	Vol. 8, pp. 7-15.	2013	International	ISSN 1932-2321
12	Detecting compositional outliers using Comedian Method,	“Advances in Latent Variables”, Eds. Brentari	Electronic Book	2013	International	ISBN 978 88 343 2556 8.

		E., Carpita M., Vita e Pensiero, Milan, Italy				
13	Outlier Detection for High Dimensional Data using Comedian Approach	Journal of Statistical Computation and Simulation	Vol. 82(5), pp. 745- 757	2012	Internati onal	ISSN 0094- 9655
14	Equivariant Estimation for Parameters of Location Scale Bivaraiate Exponential Models	Journal of Applied Statistical Science	Vol. 17(4), pp. 541- 548.	2010	Internati onal	ISSN 1067- 5817
Dr. Rani Sebastian						
15	Marshall- Olkin Gumbel Bivariate Distribution and its Applications in Stress Strength Analysis	Proceedings of the National Seminar on Discrete Mathematic s and Computatio nal Statistics	pp. 81-93	201 1	National	
16	Marshall- Olkin-Gumbel distribution and its applications in time series modelling	Journal of Kerala Statistical Association,	pp. 21-30	201 1	National	ISSN 2249- 4553
17	Marshall- Olkin Gumbel bivariate distributions and their applications in stress-strength reliability analysis and autoregressive minification processes	Journal of Statistics and Application s,	Vol. 5, 203-223.	201 0	International	ISSN 0973- 4600
18	Extended Marshall- Olkin Bivariate Exponential	STARS: Int. Journal (Sciences)	Vol. 4(1), 69-83	201 0	International	ISSN 0973- 7804

	Distributions and Minification Processes					
19	Gumbel distributions: Generalizations and Applications,	Journal of Probability and Statistical Science	II(1), 17-30	2013	International	ISSN 1726-3328
20	Mashall-Olkin Morgenstern-Weibull distribution: generalisations and applications,	Economic Quality Control;	28(2): 105-116.	2013	International	ISSN 0940-5151
21	Gross Domestic product of Kerala and India from 2004-05 to 2010-11	Department of Economics and Statistics, Government of Kerala, 2012	Report	2012	State	

Dr. Nicy Sebastian

22	Fractional integration of the product of Bessel functions of the first kind	Fractional Calculus and Applied Analysis	Vol. 13(2), pp. 159-175.	2010	International	ISSN 1311-0454
23	A generalized gamma model associated with a Bessel function	Integral Transforms and Special functions	Vol. 22(9), pp. 631-645	2011	International	ISSN 1065-2469
24	Certain properties of Saigo-operator associated with generalized hypergeometric function	Proceedings of the International Conference on Mathematical Sciences, January 3-5,	St Thomas College, Pala pp.93-112.	2011	International	
25	Time series models associated	Communications in Statistics	DOI: 10.1080/03610926.2	2014	International	ISSN 0361-0926)

	with Mittag-Leffler type distributions and its properties	Theory and Methods	014.978946			
26	Generalized pathway entropy and its applications in diffusion entropy analysis and fractional calculus	Communications in Applied and Industrial Mathematics	6, No.2 DOI:10.1685/Journal.caim.537	2014	International	ISSN 2038-0909
27	Limiting Approach to generalised gamma Bessel model via fractional calculus and its applications in various disciplines	Aximos	4,385-399	2015	International	ISSN 2075-1680
28	An overview of the pathway idea and its applications in statistical and physical science	Aximos	4, No, 1, 532-553	2015	International	ISSN 2075-1680

A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index										
Name of faculty	A	B	C	D	E	F	G	H	I	
Dr. T. D. Xavier	1	1								
Dr. V. M. Chacko	10	8	6					2	2	
Dr. T. A. Sajesh	4	4								

	Dr. Rani Sebastian	7	6	4		1					
	Dr. Nicy Sebastian	10	5	4					3		

20.	Areas of consultancy and income generated										
	Areas of Consultancy					Income Generated (Rs)					
	Coconut Development Board, Govt. of India					30,000					

21	Faculty as members in	V. M. Chacko Member, Gnedenko E Forum of Reliability Practitioners, Europe
	a) National committees	
	b) International Committees	
	c) Editorial Boards	

22	Student projects										
	Percentage of students who have done in-house projects including interdepartmental programme				2010-2015			100			
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies				2010-2015			Nil			

23	Awards/Recognitions received by faculty and students										
	Name	Faculty / Student		Awards / Recognition		Awarding body			Year		
	Dr. P.O. Jenson	Faculty		Major		NCC			2010		
	Jeena Joseph	Faculty		Woman Scientist		DST			2015		

24	List of eminent academicians and scientists /visitors to the department			
	Name	Designation	Context	Year
	Dr. M. Manoharan	Professor, University of Calicut	National Seminar on Recent Advances in Statistical Theory and its Applications, 25-26 Feb 2015	2015
	Dr. K.K. Jose	Emeritus Professor, Central University of Rajasthan		
	Dr. A.M. Mathai	Emeretus Professor, Mc Gill University Canada		
	Dr. S.M. Sunoj	CUSAT, Cochin		

	Dr. N. Raju	Professor, University of Calicut	National Workshop on Research Methodology & Statistical Analysis using IBM SPSS Nov. 20-21, 2015.	2015
	Dr. Stephy Thomas	BCM College Kottayam		
	Dr. M. Manoharan	Professor, University of Calicut	Two Day seminar on Statistical Research and Inauguration of Statistics Department as Research Centre, 10-11 June	2013
	Dr. A.M. Mathai	Emeritus Professor, Mc Gill University Canada		
	Dr. S.M. Sunoj	CUSAT, Cochin		
	Dr. T. K. Jose	Chairman, Coconut Development Board, Kochi, Govt. of India	International Seminar on statistical Research, 10-11 June	2013
	Dr. Madhav B. Kulkarni	University of Pune	National Seminar in Applied Statistics, 21, October, Department of Statistics, St. Thomas College	2011

25	Seminars/Conferences/Workshops organized & the source of funding			
	No	Programme	Source of funding	Fund received (Rs)
	1	National Workshop on Research Methodology & Statistical Analysis using IBM SPSS 20-21 Nov. 2015	IQAC	20,000
	2	National Seminar on Recent Advances in Statistical Theory and its Applications, 25-26 Feb 2015	IQAC	20,000
	3	Workshop on Statistical Computing using R,	Statistics Dept.	5000

	21-21 Nov 2014		
4	International Conference on Statistical Research 2014	IQAC	20,000

26. Student profile programme/course wise

	Name of course/programme		Applications received	Selected	Enrolled		Pass %
					Male	Female	
	B.Sc. Statistics	2010-11	128	24	6	18	65
		2011-12	145	24	5	19	68
		2012-13	139	24	6	18	80
		2013-14	CAP	30	10	20	55
		2014-15	CAP	30	4	26	81
	M.Sc. Statistics	2010-11	62	12	0	12	75
		2011-12	CAP	12	0	12	70
		2012-13	CAP	12	1	11	100
		2013-14	78	12	0	12	100
		2014-15	89	12	0	12	92

27. Diversity of students

Name of the course			Percentage of students		
			From the same state	From other states	From abroad
Year	Course				
2010-15	UG		100%	Nil	Nil
2010-15	PG		100%	Nil	Nil

28. Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.

Year	Examination passed	No. of students
2010-2015	Nil	Nil

29. Student progression

	Student progression	Number of students				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	11	9	13	12	14
	PG to MPhil	1	1	2	2	1
	PG to PhD	2	0	1	0	0
	PhD to Post-Doctoral	1	0	0	0	0

Employed Campus selection/Other than campus recruitment	0	0	0	0	0
Entrepreneurship/Self-employment	21	18	19	13	22

30. Details of Infrastructural facilities

Library	College Library
Internet facilities for Staff & Students	Free internet facility and INFLIBNET N-LIST
Classrooms with ICT facility	Two smart classrooms and one computer lab
Laboratories	Research lab

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	Total No. of students
2012-13	69
2013-14	45
2014-15	47

32. Details on student enrichment programmes (special lectures /workshops/seminars) with external experts:

Year	Resource person	Programme
2015	Dileep Kumar, Research Scholar, CUSAT	Special invited talks for statistics students
	Varghese George, Catholicate College Pathanamthitta	
	Dijo V., K E College Mannanam	
2014	Dr. K. K. Hamsa, Associate Professor, Faroke College, Calicut	Special lecture on R-programming
2013	Prof. Gopi, Associate Professor, Government Victoria College Palakkad	Lecture on R-Programming
2012	Dr. P. Anilkumar, Associate Professor, Faroke College, Calicut	Lecture on statistical inference

33. Teaching methods adopted to improve student learning

- Use of ICT – Power Point Presentation, Seminar with LCD TV and LCD Projector
- Interactive Method of Teaching.
- Continuous evaluation system.
- Remedial classes

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Participated in Survey Conducted by Coconut Development Board, Government of India 2013 and 2014.
- Participated in Food distribution and Old Age Home Visits.
- Statistical consultancy and analysis of project / dissertation of PG, MPhil and PhD
- Students are participating in orphanage visit as part of CSS along with class teacher
- Teaching in SASAP programme

35. SWOC analysis of the department and Future plans**Strength**

- Well qualified teachers with 6 Ph.D. holders and 2 pursuing doctoral degree
- Better research facility
- Good student teacher ratio
- High ROI for students
- Credentials of the faculty in terms of Ph.D. degrees and Presentation Skills.
- Good lab and internet facility
- State funding and UGC funding for research.
- Training in Latex, SPSS, Minitab softwares to the students in their project works

Weakness

- Limited supply of funding for infrastructural development
- Non proximity of industrial hubs

Opportunity

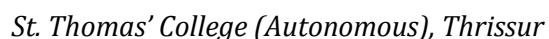
- College is located at the centre of the city
- National / International collaboration
- Inter-disciplinary research

Challenges

- Eligible degree students are not getting admission to higher degrees due to limited seats
- To promote the socially and economically under privileged students to the main stream
- Difficult to popularise the statistical softwares for the theoretical and applied areas

Future plans

- Make the students highly intellectual in Statistics and empower themselves for higher studies
- Plan to intensive training in statistical theory and applications
- Improve research facility
- Tie-up with more National and International Research Institutes
- Planning of opening new Certificate programme for both UG & PG students
- Establishment of a consultancy cell for Statistical Methodology and Computing



1	Name of the Department		Post Graduate Department of Computer Science	
2	Year of Establishment		2001	
3	Names of Programmes / Courses offered		UG: B. Sc. Computer Science with Physics and Mathematics PG: M. Sc. Computer Science	
4	Names of Interdisciplinary courses and the departments involved		Course	Departments involved
			Open course	All Departments
			Complementary course	Mathematics, Statistics
5	Annual/semester/choice based credit system (programmewise)		Choice Based Credit and Semester System (CBCSS)	
6	Participation of the department in the courses offered by other departments		B.Sc. Mathematics (Complementary course) B.Sc. Statistics (Complementary course) All UG Courses (Open course: Introduction to Computers & Office Automation)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.		Nil	
8	Details of courses/ programmes discontinued		Nil	
9	Number of Teaching posts		Sanctioned	Filled
		Regular	4	4
	*post yet to sanction	Guest	*4	4

10	Faculty profile					
No	Name	Qualification	Designation	Specialization	Exp. in years	No. of Ph.D. students guided
i	Dr. Jiju A. Mathew	MSc, Ph.D.	Assistant Professor & HOD	Subliminal Communication	5	-
ii	Ms. Rameela Ravindran K.	MCA	Assistant Professor	Wavelets	3	-
iii	Mr. Sunil Sunny Chalakkal	MCA, M. Phil.	Assistant Professor	Data Mining	3	-

iv	Fr. Anil George K.	M.Sc.	Assistant Professor	Data Mining, Nano Fluid Processing, Neuro Fuzzy System	3	-
v	Ms. Sheeja P. J.	MCA	Guest Lecturer	Image Processing	6	-
vi	Ms. Sreekala M.	M.Sc.	Guest Lecturer	Cryptography	3	--
vii	Ms. Binu K. M.	M.Sc.	Guest Lecturer	Database Systems	1	--
viii	Mr. Rejin Varghese	MCA	Guest Lecturer	Testing	1	--
ix	Ms. Remya K. R.	MCA	Guest Lecturer	Theoretical Computer Science		--

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty						
	Year	Percentage of classes					
		M.Sc		B.Sc		B.Sc Complementary	
		Theory	Practical	Theory	Practical	Theory	Practical
	2010-2011	-	-	-	-	-	-
	2011-2012	-	-	79%	85%	100%	100%
	2012-2013	-	-	0	0	100%	65%
	2013-2014	-	-	0	0	100%	65%
	2014-2015	0	100%	26%	50%	100%	100%

13	Student-Teacher Ratio	UG: B.Sc Computer Science	32:1
		PG: M.Sc Computer Science	5:1

14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Dr. Jiju A. Mathew	MSc, Ph.D.
	Ms. Rameela Ravindran K.	MCA
	Mr. Sunil Sunny Chalakal	MCA, M. Phil.
	Fr. Anil George K.	M.Sc.
	Guest Faculty	
	Ms. Sheeja P. J.	MCA
	Ms. Sreekala M.	M.Sc.

	Ms. Binu K. M.	M.Sc.
	Mr. Rejin Varghese	MCA
	Ms. Remya K. R.	MCA

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received
		Fr. Anil George K.	UGC	Rs. 5,00,000/-

17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	A PG Laboratory is set up with state of the art computers with Matlab range of software funded by DST-FIST.
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18	Research Centre/ facility recognized by the University	Nil
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19	Publication details					
No	Title	Journal	Vol.	Year	National/International	ISSN/ISBN
	Anil George K.					
1	A Soft Computing Paradigm For a Medical Data Mining Tool to Predict Risk of Coronary Heart Events	International Journal of Applied Engineering Research	10(4)	2015	International	ISSN: 0973-4562, pp.8533-8543
2	A Fuzzy-enabled Neural Medical Data Mining System for Predicting Risk in Coronary Heart Events'	In the Indian Journal of Science & Technology, (Communicated)		2015	National	ISSN: 0974-6846

3	An Integrated Soft Computing Tool for Medical Decision Making,	Proceedings of Conference organized by Kerala Mathematical Association and Dept of Mathematics, St. Thomas College, Thrissur		2014	National					
	Sheeja P. J.									
4	Quantum Cryptography and its Applications - A Review	Proc. National Seminar on Emerging Research Trends in Computer Science [NSERC 15]		2015	National					
5	Patient History Visualization and Global Retrieval System Using Cloud	ACM Student Chapter, Proc. National Seminar on Advances in Computing, Communication & Application		2013	National	978-93-5137-472-5				
	Sunil Sunny Chakkalakal									
6	Data Mining Application In Banking:Using Clustering	IFRSA International Journal Of Data Warehousing & Mining	1	2011	International	p - ISSN 22497161 e - ISSN 22492186				
7	Computing and Communication	Narosa Publication		2011		ISBN 978-81-8487-178-4				
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
	Dr. Jiju A. Mathew	-	-	-	-	-	-	-	-	-
	Ms. Rameela Ravindran K.		-	-	-	-	-	1	-	-
	Mr. Sunil Sunny Chalakkal	2	1	-	-	-	3	-	4	-
	Fr. Anil George K.	3	2	-	-	-	-	-	1	-

20	Areas of consultancy and income generated	
	Areas of Consultancy	Income Generated
	Nil	Nil

21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Dr. Jiju A. Mathew (Journal of Science & Technology)
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22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010-2015	100%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	Nil

23	Awards/Recognitions received by faculty and students : Nil
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24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Dr. K. P. Soman	Professor, Amrita Viswa Vidyalaya, Coimbatore	National Seminar	2013 – 14
	Dr. Elizabeth Sherly	Professor, IIITM-K, Thiruvananthapuram	National Seminar	2013 – 14
	Dr. Shahid Abdulla	IIM, Kozhikode	National Seminar	2012 – 13
	Dr. George Athapilly	Anna University, Chennai	National Seminar	2012 – 13
	Dr. Gilson Thomas	Principal, Jyoti Engineering College, Thrissur	National Seminar	2012 – 13
	Dr. M.S. Samual	Director, Mar Athanacious College for Advanced Studies, Thiruvalla	National Seminar	2011 – 12
	Dr. VijayaKumar.	Dean, Mahathma Gandhi University, Kottayam	National Seminar	2011 – 12
	Dr. Judy M.V.	Amrita Viswa Vidyalaya, Kochi	National Seminar	2011 – 12

25	Seminars/Conferences/Workshops organized & the source of funding			
	Sl No	Programme	Source of funding	Fund received (Rs)
	1	National Seminar on Emerging Trends in Computer Science 2011-'12	IQAC	15,000

	2	National Seminar on Emerging Trends in Computer Science 2012-'13	IQAC	15,000
	3	National Seminar on Emerging Trends in Computer Science 2013-'14	IQAC	15,000

26	Student Profile Programme-Wise						
	Name of course/programme	Applications received		Sele cted	Enrolled		Pass %
					Male	Female	
	M. Sc. Computer Science	2014-15	67	12	1	11	-
	B. Sc. Computer Science	2010-11	654	41	23	18	92
		2011-12	702	36	18	18	87
		2012-13	864	33	21	12	70
		2013-14	CAP		20	14	100
2014-15		CAP		18	16	74	

27	Diversity of students				
	Name of the course		Percentage of the students		
			From the same state	From other states	From abroad
	Year	Course			
	2010-'13	B. Sc. CS	82%	-	18%
	2011-'14	B. Sc. CS	97%	-	3%

28. Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.: Nil

29	Student progression	Number of students				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UGtoPG	-	-	15	9	14
	Employed Campus selection/Other than campus recruitment	-	-	-	12	16
	Entrepreneurship/Self-employment	14	26	24	12	-

30	Details of Infrastructural Facilities	
	1. Department Library 2. Wi-Fi Internet facilities for Staff & Students 3. Classrooms with ICT facility 4. Computer laboratories	

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2010-11	Post-Matric Scholarship, Govt. of Kerala	2
	2011-12	Post-Matric Scholarship, Govt. of Kerala	1
	2012-13	Post-Matric Scholarship, Govt. of Kerala	3
	2013-14	Post-Matric Scholarship, Govt. of Kerala	1
	2014-15	Post-Matric Scholarship, Govt. of Kerala	6

32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts		
	Year	Resource person	Programme
	2011	Dr. R. Vijayakumar Director, School of Computer Science (Mahatma Gandhi University, Kottayam) Dr. M. S. Samuel Director, Mar Athansious college for Advanced Studies Thiruvalla, Kerala Dr. Judy M. V. Asst. Prof. Amritha University, Cochin	National Seminar
	2012	Fr. (Dr.) George Athappilly, Asst. Prof. Anna University, Chennai. Prof. Mohammed Shahid Abdulla Assistant Professor, IIM Kozhikode Dr. Jylson Thomas Principal Jyothi Engineering College, Thrissur.	National Seminar
	2013	Dr. K. P. Soman, Professor Amrita Viswa Vidyalaya, Coimbatore Dr. Elizabeth Sherly, Professor IIITM-K, Thiruvananthapuram.	National Seminar

33	Teaching methods adopted to improve student learning
	<p>Special attention to slow learners.</p> <p>NET coaching for PG students on Saturdays and public holidays.</p> <p>Use of audio visual teaching aids.</p> <p>Systematic guidance of B. Sc. and M. Sc. Student projects.</p> <p>Lecture series and seminars by external experts.</p> <p>Seminar and assignment submission to make participatory and self paced learning.</p> <p>Special emphasis to develop soft skills.</p>

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	<p>Cleaning and beautification drive at the Kerala Sangeetha Nataka Academy, Regional Theatre, Thrissur.</p> <p>Distributed Food packets among the needy.</p> <p>Blood donation Campaign as part of the Techno- Cultural Fest.</p>
35	SWOC analysis of the department and Future Plans
	Strength
	<ol style="list-style-type: none"> 1. Aided Department offering Autonomous Courses. 2. State of the art computing facilities. 3. Young and energetic staff. 4. One Ph. D. Degree holder and two in the making. 5. Large number of students gets placed in reputed companies after course completion.
	Weakness
	<ol style="list-style-type: none"> 1. Five Permanent teaching posts are yet to be filled by the government. 2. Frequent replacement of Guest Faculty.
	Opportunity
	<ol style="list-style-type: none"> 1. Steps to enhance research and extension activities. 2. Course Content Management and Curriculum Design according to the need of time are done. 3. Steps to enhance the soft skills of the students are to be strengthened.
	Challenges
	<ol style="list-style-type: none"> 1. Finding competent hands to fill the void. 2. Good research work and publications.
	Future plans
	<ol style="list-style-type: none"> 1. Elevate to Research Department. 2. Organize seminars and lecture series beneficial for the researchers. 3. Academic Industry interface. 4. Start-up initiatives.

RESEARCH AND POST GRADUATE DEPARTMENT OF PHYSICS

1	Name of the Department	Research and Post Graduate Department of Physics	
2	Year of Establishment	1922	
3	Names of Programmes/ Courses offered	UG: BSc Physics PG: MSc Physics	
4	Names of Interdisciplinary courses and the departments/ units involved	Courses	Departments Involved
		Open Course	All Departments
		Complementary Courses	Chemistry, Mathematics, Computer Science
5	Annual/ semester/ choice based credit system (programme wise)	UG - Choice Based Credit Semester System(CBCSS) PG - Credit Semester System (CSS)	
6	Participation of the department in the courses offered by other departments	B.Sc. Chemistry (Complementary course) B.Sc. Mathematics (Complementary course) B.Sc. Computer Science (Complementary course) All UG Courses (Open course: Non-Conventional Energy Sources)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts		Sanctioned
			Filled
		Regular	11
		Guest	Nil

10	Name	Qualification	Designation	Specialization	Experience in years
i	Mr. Inasu C. A.	M.Sc.	(HOD) Associate Professor	Electronics and Computational Physics	31
ii	Mr. Varghese P. Kodenkandath	M.Sc.	Associate Professor	Electrodynamics	28

iii	Mr. Joy P. M.	M.Sc, M.Ed , M.Phi l.	Associate Professor	Electronics	26
iv	Dr. Anto Johny T.	M.Sc, B.Ed, M.Phi l, Ph.D.	Associate Professor	Optoelectronics	25
v	Mr. Joe Kizhakooden	M.Sc.	Assistant Professor	Electromagnetics	4
vi	Mrs. Nees Paul	M.Sc, B.Ed.	Assistant Professor	Electromagnetics	4
vii	Dr. Daison P. J.	M.Sc, M.Ed , M.Phi l, Ph.D.	Assistant Professor	Ferro Electric Materials, Non Conventional Energy Sources	2
viii	Dr. Vimalkumar T. V.	M.Sc, Ph.D, PDF.	Assistant Professor	Thin film and Nano materials, Photovoltaic, Solar thermal energy, Transparent Conducting Oxides	2
ix	Mr. Joby Sebastian	M.Sc, B.Ed.	Assistant Professor	Nanomaterials, Nanocomposites	2
x	Dr. Johns Naduvath	M.Sc, M.Phi l, M.Te ch, Ph.D	Assistant Professor	Semiconducting Oxides, Nanomaterials, Photovoltaics	5 months
xi	Dr. Ann Mary K. A.	M.Sc. Ph.D	Assistant Professor	Nanomaterials, Nonlinear Optics, Biophotonics, Carbon dioxide capture and Storage	5 months

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled by temporary faculty	
	Year	Percentage of classes
	2010-2011	27.27%
	2011-2012	27.27%
	2012-2013	9.09%
	2013-2014	27.27%
	2014-2015	9.09%

13	Student-Teacher Ratio (programme wise)	UG: B.Sc. Physics	32:1
		PG: M.Sc. Physics	5:1

14	Number of academic support staff (technical) and administrative staff	Technical staff - 4 Administrative staff -1
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15	Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG	
	Name	Qualification
	Mr. Inasu C. A	M.Sc.
	Mr. Varghese P. Kodenkandath	M.Sc.
	Mr. Joy P. M.	M.Sc., M.Ed., M. Phil.
	Dr. Anto Johny T.	M.Sc., B.Ed., M. Phil., Ph.D.
	Mr. Joe Kizhakooden	M.Sc.
	Mrs. Nees Paul	M.Sc., B.Ed.
	Dr. Daison P. J.	M.Sc., M.Ed., M.Phil., Ph.D.
	Dr. Vimalkumar T. V.	M.Sc., Ph.D., PDF.
	Mr. Joby Sebastian	M.Sc., B.Ed.
	Dr. Johns Naduvath	M.Sc., M. Phil., M. Tech., Ph.D.
	Dr. Ann Mary K. A.	M.Sc., Ph.D.

16	Number of faculty with ongoing projects from a) National b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Mr. Joe Kizhakooden	UGC-MRP	1,76,000
		Mrs. Nees Paul	UGC-MRP	1,80,000
		Dr. Vimalkumar T. V.	UGC-MRP	4,40,000
		Dr. Ann Mary K A	KSCSTE	1,00,000
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil		

18	Research Centre/facility recognized by the University	The affiliating University visited the department to recognize the department as a research centre.
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19	Publication details					
No	Title	Journal	Vol.	Year	National/ International	ISSN/ ISBN
Dr. Anto Johny T.						
1	Influence of lithium substitution on the orange emission in Manganese doped ZnO thin films	<i>Journal of Material Science: Materials for Electronics</i>	25	2014	International	0957 – 4522
2	Nonlinear optical characteristic in lithium substituted ZnO thin films	<i>Optics Communications</i>	309	2013	International	0030 – 4018
3	Influence of Lithium doping on structural and electrical characteristics of ZnO thin films	<i>Thin Solid Films</i>	520	2012	International	0040 – 6090
Nees Paul						
4	Flexible Split Ring Resonator Metamaterial Structure at Microwave Frequencies	<i>Microwave & Optical Technology Letters</i>	54	2012	International	1098 – 2760
5	Metamaterials	<i>Sciencia</i>	7	2011	International	0304 – 4238
Dr. Vimalkumar T V						
6	On tuning the orientation of grains of spray pyrolysed ZnO thin films	<i>Applied Surface Science</i>	256	2010	International	0169 - 4332
7	Effect of precursor medium on structural electrical and optical properties of spray polycrystalline ZnO thin films	<i>Material Science And Engineering B</i>	175	2010	International	0921 - 5107
8	Enhancement of Electrical Conductivity in sprayed ZnO thin film through Zero- Energy Process	<i>Physica B- Condensed Matter</i>	405	2010	International	0921 – 4526
9	On single doping and co-doping of spray pyrolysed	<i>Applied Surface</i>	257	2011	International	0169 - 4332

	ZnO films: Structural, Electrical and Optical Characterization	<i>Science</i>				
10	Reliable and damage-free estimation of resistivity of ZnO thin films for photovoltaic applications using Photoluminescence technique	<i>International Journal of Photo energy</i>	105796	2013	International	1110 – 662X
11	Effect of Indium doping on the Gas sensing behaviour of Zinc oxide films obtained by Chemical spray pyrolysis method	<i>IEEE explore International Conference journal Proceedings - ISPS- First International Symposium on Physics And Technology of Sensors</i>	118.	2015	International	Conference Proceedings
12	“Optoelectronic properties of Zn- doped and air - annealed CdS thin film for photovoltaic applications”	<i>International Research Journal of Engineering and Technology</i>		2015	International	2278 – 0181
Joby Sebastian						
13	Preparation and Characterization of ZnSe/EVA Nanocomposites for Photovoltaic Modules.	<i>Journal of Minerals and Materials Characterization and Engineering</i>	3	2015	International	2327-4077
Dr. Johns Naduvath						
14	Mechanism of Formation of Faceted Titania Nanoparticles From Anodized Titania Nanotubes	<i>The Journal of Physical Chemistry C</i>	119	2015	International	1932-7455
15	A novel cost effective fabrication technique for highly preferential oriented TiO ₂ nanotubes	<i>Nanoscale</i>	7	2015	International	2040 – 3364
16	Simple electrochemical synthesis of black metal oxides for enhanced visible light absorption	<i>Materials Letters</i>	130	2014	International	0167-577X

17	Mechanism of Titania Nanograss Formation during Anodization	<i>Chemical Physics Letters</i>	626	2015	International	0009-2614
18	Effect of Nanograss and Annealing Temperature on TiO ₂ Nanotubes Based Dye Sensitized Solar Cells	<i>Materials Science Forum</i>	771	2014	International	1662-9752
19	Tin Incorporation in AgInSe ₂ Thin Films: Influence on Conductivity	<i>The Journal of Physical Chemistry C</i>	119	2015	International	1932-7455
20	Low temperature thermopower and electrical conductivity in highly conductive CuInO ₂ thin films	<i>Journal of Materials Chemistry C</i>	2	2014	International	2050-7534
21	Structural and optical characterization of potassium doped zinc oxide nanosheets	<i>Optical Materials</i>	38	2014	International	0925-3467
22	Highly conductive n-and p-type CuInO thin films by reactive evaporation	<i>Journal of Alloys and Compounds</i>	600	2014	International	0925-8388
23	Nanostructured zinc oxide thin film by simple vapor transport deposition	<i>Superlattices and Microstructures</i>	85	2015	International	0749-6036
24	Low temperature fabrication and characterization of wurtzite structured ZnS quantum dots by chemical spray pyrolysis	<i>Journal of Analytical and Applied Pyrolysis</i>	doi:10.1016/j.jaap.2015.07.005	2015	International	0165-2370
25	Effect of Sn doping on properties of transparent ZnO thin films prepared by thermal evaporation technique	<i>Chemical Physics Letters</i>	635	2015	International	0009-2614
26	Structural, optical and electrical properties of Sb doped and undoped AgIn _{1-x} Ga _x Se ₂ and Ag(InGa) ₅ Se ₈ thin films	<i>Phys. Status Solidi A</i>	211	2014	International	1862-6319
27	Dye Sensitized Solar Cells: A Review	<i>Transactions of the Indian Ceramic Society</i>	71	2012	International	2165-5456

28	Synthesis of Highly Crystalline 'Particle in Tube' TiO ₂ Nanostructures and its Application in Dye Sensitized Solar Cell	<i>40th Photovoltaic Specialists Conference (PVSC 40) Proceedings – Denver, U.S.A</i>		2014	International	Conference Proceedings
29	Synthesis and characterization of ZnO nano nails	<i>AIP proceedings, Light and its Interactions with Matter</i>		2014	International	AIP Conference Proceedings
30	Effect of deposition parameters and strontium doping on characteristics of nanostructured ZnO thin film by chemical bath deposition method	<i>AIP proceedings, Light and its Interactions with Matter</i>	1620	2014	International	AIP conference proceedings
Dr. Ann Mary K A						
31	Defects related emission and nanosecond optical power limiting in CuS quantum dots	<i>Physica E</i>	74	2015	International	1386-9477
32	Cubic to amorphous transformation of Se in silica with improved ultrafast optical nonlinearity	<i>RSC Advances</i>	5	2015	International	2046-2069
33	Facile One-Pot Synthesis of Silica-Hybridized Ag ₂ S-CuS Nanocomposites with Tunable Nonlinear Optical Properties	<i>Mater. Res. Bull</i>	70	2015	International	0025-5408
34	Thermo-optic nonlinearity of the laser dye LDS 867 under low power CW laser excitation	<i>IOP Conf. Series: Materials Science and Engineering</i>	73	2015	International	1757-899X
35	Role of surface states and defects in the ultrafast nonlinear optical properties of CuS quantum dots	<i>APL Mater</i>	2	2014	International	2166-532X
36	Ultrafast optical nonlinearity in nanostructured selenium allotropes	<i>Che.Phys.lett</i>	588	2014	International	0009-2614

37	Spectroscopic properties of Er ³⁺ ions in multi component tellurite glasses	<i>Journal of Luminescence</i>	159	2015	International	0953 – 4075
38	Dielectric and ac conductivity studies of ZnO/Eu ³⁺ : titanosilicate matrix	<i>AIP conference Proceedings</i>	1576	2014	International	0094 – 243X
39	Structural and spectroscopic studies of Sm ³⁺ /CdS nanocrystallites in sol-gel TiO ₂ -ZrO ₂ matrix	<i>J. Electronic Materials</i>	43	2014	International	0361 – 5235
40	Structural and Optical Studies of Tb ³⁺ /CdSe Nanocrystallites Doped in Titania-Zirconia Matrices	<i>International Journal of Semiconductor Science & Technology</i>	4	2013	International	0975 – 6493
41	Design and synthesis of a new thiophene based donor–acceptor type conjugated polymer with large third order nonlinear optical activity	<i>Synthetic Metals</i>	161	2011	International	0379 – 6779
Dr. P. L. Anto (Retd. 2013)						
42	Spectroscopic Investigations of 3-cyclohexene-I-carboxylic acid	<i>Ultra Scientist</i>	3	2011	International	2231-346X
43	IR, Raman and computational study of m-nitroanisole	<i>Ultra Scientist</i>	23	2011	International	2231-346X
44	Spectroscopic investigations and computational study of sulphur ratio	<i>Journal of Raman Spectroscopy</i>	42	2011	International	0377-0486
45	IR, Raman and Computational study of 1-(2 aminoethyl) piperazine	<i>Ultra Scientist</i>	24	2012	International	2231-346X
46	Vibrational spectroscopic and computational study of 1-methy-1,4-diazacycloheptane	<i>Ultra Scientist</i>	24	2012	International	2231-346X
A- Publication per faculty B- Number of papers published in peer reviewed journals (national/international)						

	by faculty C- Number of publications listed in International Database D- Chapter in Books E- Books Edited F- Books with ISBN/ISSN number with details of publishers G- Sessions chaired in national conferences H- Conference papers I- h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Dr. Anto Johny T.	3	3							
2	Mrs. Nees Paul	2	2							
3	Dr. Vimalkumar T. V.	7	7							2.87
4	Mr. Joby Sebastian	1	1							
5	Dr. Johns Naduvath	17	14						3	3.00
6	Dr. Ann Mary K. A.	11	10						1	4.00
7	Dr. P. L. Anto (Retd.)	5	5							

20	Areas of consultancy and income generated	
	Areas of Consultancy	Income Generated
	Nil	Nil
21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil

22	Student projects		
	Percentage of students who have done in-house projects including inter departmental/programme	2010 - 2011	M.Sc. 100% B.Sc. 100%
		2011 - 2012	M.Sc. 25% B.Sc. 100%
		2012 - 2013	M.Sc. 25% B.Sc. 100%
		2013 - 2014	M.Sc. 42% B.Sc. 100%
		2014 - 2015	M.Sc. 50% B.Sc. 100%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies	2011 - 2012	M.Sc. 75%
		2012 - 2013	M.Sc. 75%
		2013 - 2014	M.Sc. 58%
		2014 - 2015	M.Sc. 50%

23	Awards / Recognitions received by faculty and students				
	Name	Faculty/ Student	Awards / Recognition	Awarding body	Year
	Dr. Vimalkumar T. V.	Faculty	International Centre for Theoretical Physics (ICTP) - UNESCO-International Atomic Energy Agency (IAEA) Research Fellowship	ICTP - UNESCO - IAEA, Italy	2012
			Member in Fostering Linkages in Academic Innovation and Research (FLAIR)	Office of the New Initiatives in Higher Education, Govt. Of Kerala	2014
			Nodal Officer of National Education Policy	Collegiate Education, Kerala	2015
	Mr. Joby Sebastian	Faculty	JRF	UGC	2012
	Dr. Johns Naduvath	Faculty	MHRD Teaching Assistant Fellowship	MHRD	2010 -2015
	Dr. Ann Mary K. A.	Faculty	Kerala State Council for Science Technology and Environment (KSCSTE) Research fellowship 2010 in Physical Science.	KSCSTE	2010
			Best Paper Award for oral presentation in	S.H. College, Chalakudy	2010

			National Seminar on "Recent Trends in Nonlinear Optical Materials and Characterization", 2010 at S.H College, Chalakudy, Kerala, India.		
			Second prize in poster presentation in the Indo - German conference on Laser Applications and Nanoscience, 2013, Trivandrum, India	Goethe Zentrum and The Humbolt club	2013
			Best paper award winner in Physical Science in 26th Kerala Science Congress, Wayanad, India, 28-31 January 2014.	KSCSTE	2014
			Best presentation award in inter collegiate Project presentation competition at NSS college Changanassery, Kerala, India.	NSS College Changanassery	2014
			Best paper award in SCIENTIA 2015, Sree Krishna	Sree Krishna College, Guruvayoor	2015

			College, Guruvayoor, 2015.		
	Merin A. P.	Student	Qualified in the Gobal competition among young scientist worldwide to participate in the 62ndLindau Nobel Laureate Meeting(PHYSI CS) Lindau, 1 – 6 July 2012 Council for the Lindau Nobel Laureate Meetings.	Lindau, Germany	2012
	Shijitha M. U.	Student	Dr. K. Gopalan Memorial Award-2015 by ALERT Academy, Thrissur	ALERT Academy, Thrissur	2015
List of Students qualified for Junior Research Fellowships/GATE					
	Melda Francis	Student	UGC JRF		2012
	Laveena Varghese	Student	UGC JRF		2012
	Laly A S	Student	CSIR JRF		2012
	Fency K F	Student	CSIR JRF		2015
	Manu K M	Student	GATE		2011
	Laveena Varghese	Student	GATE		2012
	Lakshmi K	Student	GATE		2014
	Fency K F	Student	GATE		2015
List of Students qualified for Central Sector Scholarship					
	Lakshmi K	Student	Central Sector Scholarship		2009-12
	Sruthy K	Student	Central Sector Scholarship		2009-12
	Vishnudath K N	Student	Central Sector Scholarship		2009-12
	Saranya N	Student	Central Sector Scholarship		2009-12
	Jeena Thomas	Student	Central Sector Scholarship		2009-12

List of students qualified for DST – INSPIRE Scholarship				
	Merin A P	Student	DST – INSPIRE Scholarship	2010-11
	Anna Heba Chakkunny	Student	DST – INSPIRE Scholarship	2011-12
	Shamna M S	Student	DST – INSPIRE Scholarship	2011-12
	Gadha Menon	Student	DST – INSPIRE Scholarship	2012-13
	Liya Tony	Student	DST – INSPIRE Scholarship	2012-13
	Wilfred Thomas	Student	DST – INSPIRE Scholarship	2012-13
	Ramshad K B	Student	DST – INSPIRE Scholarship	2012-13
	Vivek P Mani	Student	DST – INSPIRE Scholarship	2012-13
	Divya Vincent P	Student	DST – INSPIRE Scholarship	2012-13
	Subrahmanian K	Student	DST – INSPIRE Scholarship	2012-13
	Jeeson Francis	Student	DST – INSPIRE Scholarship	2013-14
	Sreeveni M D	Student	DST – INSPIRE Scholarship	2013-14
	Archana V Nair	Student	DST – INSPIRE Scholarship	2013-14
	Catherine Tom	Student	DST – INSPIRE Scholarship	2013-14
	Sikha Jose	Student	DST – INSPIRE Scholarship	2013-14
	Riya Mariya Joy	Student	DST – INSPIRE Scholarship	2013-14
	Nimisha P M	Student	DST – INSPIRE Scholarship	2014-15
List of Students qualified for Kerala State Higher Education Scholarship				
	Anju V L	Student	Higher Education Sholarship	2011-12
	Kerthana S Warrior	Student	Higher Education Sholarship	2011-12
	Rahana T A	Student	Higher Education Sholarship	2011-12
	Varsha K V	Student	Higher Education Sholarship	2011-12
	Archana U Nair	Student	Higher Education Sholarship	2013-14
	Alina Shine	Student	Higher Education Sholarship	2013-14
	Sreeveni M D	Student	Higher Education Sholarship	2013-14
	Sreejith E B	Student	Higher Education Sholarship	2013-14
	Rahul K R	Student	Higher Education Sholarship	2013-14
List of Students qualified for Kerala State Govt. Prathiba Scholarship				
	Sikha Jose	Student	Prathiba Scholarship	2013-14
	Catherine Tom	Student	Prathiba Scholarship	2013-14



	Ambily G	Student	Prathiba Scholarship	2015-16
	Geethu Gangadharan	Student	Prathiba Scholarship	2015-16
	Anagha Baby	Student	Prathiba Scholarship	2015-16
	Diana Mohan	Student	Prathiba Scholarship	2015-16
	Ragendu P P	Student	Prathiba Scholarship	2015-16
	Pooja C S	Student	Prathiba Scholarship	2015-16
	Priyana P B	Student	Prathiba Scholarship	2015-16
	List of students qualified for Post Matric Scholarship			
	Shereena Thomas	Student	Post Matric Scholarship	2011-12
	Joseph Thomas	Student	Post Matric Scholarship	2011-12
	Best Performance in University Examinations			
	Ria Rushin Joseph	Student	First Rank in B.Sc. Physics	University of Calicut 2010 - 11
	Sajith V S	Student	First position in B.Sc. Physics	University of Calicut 2012 - 13
	Anna Heba Chakkunny	Student	Second Position in B.Sc. Physics	University of Calicut 2013 - 14
	Delja Davis K	Student	First Position in M.Sc. Physics	University of Calicut 2012 - 13
	Aswathy N S	Student	Third Position in M.Sc. Physics	University of Calicut 2012 - 13
	Sruthy K	Student	First Position in M.Sc. Physics	University of Calicut 2013 - 14
	Deepa Devarajan	Student	Fourth Position in M.Sc. Physics	University of Calicut 2013 - 14
	Shijitha M U	Student	Second Position in M.Sc. Physics	University of Calicut 2014 - 15
	Mary Joseph	Student	Third Position in M.Sc. Physics	University of Calicut 2014 - 15
	Anjaly Venu	Student	Fourth Position in M.Sc. Physics	University of Calicut 2014 - 15
	List of Students performed Best in ARTS			
	Aswin Kumar K. A.	B.Sc. Student	First place in Group song - INDIAN competition held during 2011 - 2012 in	University of Calicut 2011-12

			connection with University Arts Festival.		
	Jino Joy	B.Sc. Student	Participated in the Group Song (Western) in the National Youth Festival 2011 – 2012.	RJM Nagpur University, Nagpur	22.01.12 to 26.01.12
	Sandra Krishna B	B.Sc. Student	First Prize in the Grand Finale of ‘LET’S DANCE’ reality show (Amritha T. V.)	Amrutha T V	2014 July 12
			Third in Group Song – Western – University Arts Festival	University of Calicut	2012-2013
	Bidhun Valsan E & Neethu Mohandas	B.Sc. Students	2nd Prize in Eastern Music in Inter University National Youth Festival	Devi Ahilya University, Indore	2015 February 12-16
			1st Prize in Group Song (Eastern) inInter University South Zone Youth Festival	Tumkur University, Karnataka	2014 December 8-12
	List of Students performed best in Sports				
	Anooj Krishna A. S.	B.Sc. Physics	STAR OF INDIA in the 56th Junior National Ball-Badminton Championship for boys	Ekta Vihar Ground Nerul, Navi Mumbai	12th May 2011 to 15th May 2011
			Fourth place in 56th senior National Ball-Badminton Championship for Men and Women.	St. Joseph’s College of Engineering, Chennai, Tamilnadu	14th to 17th April 2011
	Ajith K R	B.Sc. Physics	He represented Calicut University	Moodbidry ,	17.12.11 to

			in the All India Inter University Athletics Championship Tournament	Karnataka	21.11.12
			Third place in athletics, Kerala State Sports Council college games	Thiruvananthapuram	2014
			Gold Medal in Fencing Championship – foil (group event)	Calicut University	2014 – 2015
	Prasanth K M	M. Sc. Physics Student	Participated in the SAHARA 59 th Senior Men's National Boxing Championship, organized by Andhra Pradesh Amateur Boxing Association	L.B. Stadium, Hyderabad	30.10.2012 to 04.11.2012
			Secured the First in the 46 th Senior Men State Boxing Championship, Senior National Participation & All India University participation during the year.	Delhi	2012 – 2013
			Secured the First place in Kerala State Amateur Boxing Championship Senior Men & Inter-collegiate Boxing Championship-during the year.	University of Calicut	2013 – 2014
	Nirmal A J	B.Sc. Physics Student	First Prize in team event -Yoga – Inter-zone competition –	University of Calicut	2014 – 2015

	Jiji Peter	B.Sc. Physics Student	First Prize in team event - Yoga – Inter-zone competition	University of Calicut	2014 – 2015.
	Alex A T	B.Sc. Physics Student	Participated in 'National Games – 2015' in Archery Competition	Thrissur.	2015 January 15

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Dr. K. Vasudevan	Professor & Dean, Dept. of Electronics, CUSAT	50th annual day of Physics Department	2011
	Dr. Ramachandran Thekkedath	Vice Chancellor, CUSAT	50th annual day of Physics Department	2011
	Dr. V. V. Georgekutty	Controller of Examination, University of Calicut inaugurated the Seminar.	Seminar on “ <i>Thin Film and Optics for Device Application</i> ”	2014
	Dr. K. P. Vijayakumar	Professor, Department of Physics, Cochin University of Science And Technology	National Seminar on Thin film and optics for device applications	2014
	Dr. C. S. Sudha Kartha	Professor, Department of Physics, Cochin University of Science And Technology	National Seminar on Thin film and optics for device applications	2014
	Dr. V. Kumar	Director, Centre for Material Electronics And Technology (C-MET) Athani, Thrissur	National Seminar Cum Science Day	2015

	Dr. B. N. Dileep	Head, Environment Survey Laboratory, BARC, Kaiga, Karnataka	National Seminar Cum Science Day	2015
	Rev. Dr. Joseph Mathew	Institute of Philosophy & Religion, Eluru, Andhra Pradesh	National Seminar Cum Science Day	2015
	Dr. Vineeth Valsan	Indian Institute of Astrophysics, Bangalore	One day Seminar in connection with International Year of Light (IYL - 2015) Celebrations	2015
	Mr. Abhishek Jose	Biophoton Technologies, Cochin	One day Seminar in connection with International Year of Light (IYL - 2015) Celebrations	2015
	Dr. T R Viswanathan	Professor, Texas University Austin, USA	Talk to M.Sc. students Emerging areas in physics	2015
	Subrahmanian Seetharaman	Director, Avago Technology, Hyderabad	Talk to M.Sc. students Emerging areas in physics	2015

25	Seminars/ Conferences/ Workshops organized & the source of funding			
	Sl No	Programme	Source of funding	Fund Received (Rs)
	1	Seminar on ‘Satellite Launching & Communications’	IQAC	10,000
	2	Seminar on ‘NanoWorld’ and Merit Day Celebration	Department of Physics	3,000
	3	Seminar - ‘From Einstein to Breeder Reactors’	Department of Physics	3,500
	4	National Seminar – “Thin Film and Optics for Device Application”	IQAC	15,000
	5	APSER 2014 – Awareness Programme in Science Education and Research – in connection with the celebration	Kerala State Council For Science, Technology & Environment	5,000

		of International Year of crystallography	(KSCSTE)	
6		National Seminar cum Science Day Celebration – 2015	Department of Physics	4,500
7		Quiz and Seminar Programs in connection with International Year of Light	KSCSTE	22,000

26	Student profile programme/course wise						
	Name of course/programme		Applicati ons received	Selected	Enrolled		Pass %
					Male	Female	
	M.Sc. Physics	2010-11	238	12	4	8	81
		2011-12	CAP	12	2	10	100
		2012-13	CAP	12	2	10	92
		2013-14	260	12	2	10	100
		2014-15	210	12	2	10	100
B.Sc. Physics	2010-11	1352	56	25	22	88	
	2011-12	1898	56	28	22	81	
	2012-13	1709	56	30	19	78	
	2013-14	CAP	56	22	28	83	
	2014-15	CAP	56	25	31	78	

27	Diversity of students				
	Course		Percentage of students		
			From the same state	From other states	From abroad
	Name of course	Year			
		2011	100	0	0
		2012	100	0	0
		2013	100	0	0
		2014	100	0	0
		2015	98	2	0
	M.Sc. Physics	2011	100	0	0
		2012	100	0	0
		2013	100	0	0
		2014	100	0	0
		2015	100	0	0

28	Students have clear national and state competitive examinations		
	Year	Examinationpassed	No. of students
	2010-2011	CSIR-JRF CSIR-NET	1 4
	2011-2012	CSIR-JRF CSIR-NET GATE	3 4 1
	2012-2013	CSIR-JRF CSIR-NET GATE	1 1 1
	2013-2014	CSIR-NET	2
	2014-2015	GATE	1
	2015-2016	CSIR-JRF GATE	1 1

29	Student progression					
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	34	30	43	41	44
	PG to MPhil	0	8	0	0	0
	PG to PhD	0	8	8	8	0
	Employed Campus selection/ Other than campus recruitment	0	0	8	20	16
	Entrepreneurship/ Self-employment	23	24	23	16	24

30	Details of Infrastructural facilities	
	Library	College Library - General Library & Science Library; Departmental Book Bank - 'Dominic Savio Home Library'
	Internet facilities for Staff & Students	Wi-Fi enabled Network
	Class rooms with ICT facility	LCD Projector, Over Head projector, etc.
	Laboratories	B.Sc. Physics Lab M.Sc. Physics Lab Research Laboratories

		Computer Laboratory Safety measures like fire extinguisher, first aid boxes etc.
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31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2010-11	INSPIRE Scholarship	1
	2011-12	INSPIRE Scholarship	2
		Higher Education Scholarship - Kerala State Government. Post Matric Scholarship	3 2
	2012-13	INSPIRE Scholarship	7
		Higher Education Scholarship - Kerala State Government.	1
	2013-14	INSPIRE Scholarship	6
		Pratibha Scholarship- Kerala State Government	2 5
		Higher Education Scholarship - Kerala State Government.	
	2014-15	INSPIRE Scholarship	1
		Pratibha Scholarship- Kerala State Government	6
	2015-16	Pratibha Scholarship- Kerala State Government	7

32	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts		
	Year	Resource person	Programme
	2014	Dr. K. P. Vijayakumar, Professor, Department of Physics, Cochin University of Science And Technology (CUSAT).	Seminar – “Third Generation Solar Cells”
		Dr. C. S. Sudha Kartha, Professor, Department of Physics, Cochin University of Science And Technology (CUSAT)	Seminar – “Holographic Data Storage”
		Mr. K. M. Martin, Scientist E, National Institute of Electronics and Information Technology (NIEIT), Calicut,	Seminar on ‘Micro controllers’

		Kerala	
		Dr. K. A. Davis, Director, Radiation and Safety Department, Kerala.	Seminar on 'Radiation Safety'
		Dr. John Jacob, Asst. Professor, Mar Ivanios College, Thiruvananthapuram.	Seminar on 'Crystallography'
		Mr. C. T. Mathew, Sr. Research Fellow, EMRL, Thiruvananthapuram.	Seminar on "Opportunities in Basic Science and Research"
		Dr. E.D. Dias, Associate Professor, Dept. of Physics, St.Aloysious College, Elthuruth	IIT JAM Coaching
		Dr. K Jayakrishnan, Assistant Professor, Dept. of Physics, MES College, Ponnani	IIT JAM Coaching
		Dr. Mini Krishna, Assistant Professor, Dept. of Physics, Vimala College, Thrissur	IIT JAM Coaching
		Prof. G. Harikrishnan, Assistant Professor, Dept. of Physics, Govt. College, Madappilly	IIT JAM Coaching
		Prof. Santosh P Jose, Assistant Professor, Dept. of Physics, Vimala College, Thrissur	IIT JAM Coaching
	2015	Dr. V. Kumar, Director, Centre for Material Electronics And Technology (C-MET) Athani, Thrissur	Inaugurated the National Seminar cum Science Day Celebration - 2015
		Dr. B. N. Dileep, Head, Environment Survey Laboratory, BARC, Kaiga, Karnataka	Seminar on "Nuclear Power Program and Environment"
		Rev. Dr. Joseph Mathew, Institute of Philosophy & Religion, Eluru, Andra Pradesh	Seminar on "Systems of Physics and Physical Systems"
		Shri Gangadharan, Kerala State Electricity Board,	Seminar on "Energy and Conservation for National

	Thrissur	Development"
	Dr. Vineeth Valsan, Indian Institute of Astrophysics, Bangalore	Seminar on "Ground Based Future Optical Telescopes: Motivations and Solutions"
	Mr. Abhishek Jose, Biophoton Technologies, Cochin	Seminar on "Emerging Applications of Biophotonics"
	Dr. Udayanadan K.M., Associate Professor, Dept. of Physics, Nehru Arts and Science College, Kanhangad	CSIR – JRF NET Coaching
	Prof. Shihabudeen K N, Associate Professor, Dept. of Physics, MES College, Mannarakkad	CSIR – JRF NET Coaching
	Prof. Santosh P Jose, Assistant Professor, Dept. of Physics, Vimala College, Thrissur	IIT JAM Coaching CSIR – JRF NET Coaching

33	<p>Teaching methods adopted to improve student learning</p> <p>In place of the conventional teacher centred approach, a participatory approach through seminars, assignments, projects etc are adopted. Students are also trained to use computer packages and internet and are instructed to use internet to update their knowledge. The department takes initiative to conduct seminars and training programs in the subject to update the knowledge of teachers and students.</p> <ul style="list-style-type: none"> • Lecture method - The lecture method is predominantly used for the teaching-learning process • Interactive method • ICT tools – OHP, LCD Projector - Study aids like overhead projector and LCD projectors are used by teachers to help the students in their learning process. • Peer Teaching • Group Discussion • Experiential learning • Project-based learning • Seminars • Problem solving approach - Students are encouraged to solve problems of higher level in order to increase their depth of knowledge as well as intelligence quotient. <p>The students are given opportunity for doubt clearing after the class time. Internal examination is held periodically. The students are exposed to a large number of practicals. Industrial visits are arranged and study tours are conducted to places like CUSAT, C-MET etc. Value Education classes are</p>
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	<p>conducted frequently. They are also encouraged to prepare for competitive examinations of various agencies and institutions.</p> <p>Special Coaching for Weaker Students</p> <ul style="list-style-type: none"> • Remedial classes for weaker students are conducted in every year. • All the staff in the department cooperates wholeheartedly with this programme. • Most of the weak students are benefited by this program and perform well in the university examinations. <p>Seminar series on General Topics By M.Sc. Students</p> <ul style="list-style-type: none"> • Department of Physics organizes a seminar series by M.Sc. Physics students. • This series consists of 24 presentations based on the emerging fields in Physics like True Energy, Hydrogen storage using Carbon Nanotubes, Free Space Optics, Photonic Technology for Telecommunication etc. • The third period of every Monday is designed to give the opportunity to students to express their views about the current and emerging ideas in physics world. <p>Walk with a Scholar Programme</p> <ul style="list-style-type: none"> • Walk With a Scholar program organized by our College is functioning well in our department. Students get individual care and attention through this program. This scheme introduces the idea of mentoring to Under Graduate students and builds on the concept of mentor as a 'Guide' and 'Friend'. <p>Special Coaching for UGC CSIR Examination for M.Sc. Students</p> <ul style="list-style-type: none"> • UGC-CSIR NET Coaching has been started by the Department of Physics from 2013 onwards under UGC-NET coaching committee, St. Thomas College, Thrissur. M.Sc. Final year Students from this College, those from nearby colleges and passed out students attend this coaching programme. The experienced hands from this college and other colleges handle the classes every Saturday up to 100 hours in six main papers. <p>Special Coaching for IIT – JAM Entrance Examination for B.Sc. Students</p> <ul style="list-style-type: none"> • Department of Physics conducts free IIT - JAM Coaching for final Year UG students in association with the teachers' Organization – TOPIC (Teachers of Physics in Calicut University) from 2014 onwards. • Degree Students from various colleges participate in this coaching. • Classes are arranged on Saturdays with FN and AN sessions for 100 hrs.
34	<p>Participation in Institutional Social Responsibility (ISR) and Extension activities</p> <ul style="list-style-type: none"> • SASAP (Santhome Academic and Social Assistance Programme) This programme launched in 31st July 2010 by which the teachers and students of the college give free tuition (three days per week) to the Orphanage students (Std VIII, IX & X) of St. Anne's Institute, West Fort, Thrissur. The teachers of Physics department cooperate in this programme are <ul style="list-style-type: none"> ▪ Prof. Varghese P. Kodenkandath ▪ Prof. P M Joy ▪ Prof. Joe Kizhakooden ▪ Prof. Joby Sebastian ▪ Prof. Vimalkumar T. V. ▪ Visit to Orphanages and Distribution of food items to poor people

	<ul style="list-style-type: none"> • 2009 -2012 batch B.Sc. Physics students led by Prof. Varghese P. Kodenkandath visited an orphanage “Christina Home”, Pullazhi and spent a day and supplied dress, food and sanitary items on 02-02-2010. • Most of the students participate in distributing the foods brought from their house to the poor people sitting nearby the hospitals, footpaths etc. in the afternoon interval of every Friday. • 2013 -2016 batch B.Sc. Physics students led by Dr. Anto Johny T visited an orphanage “St. Joseph’s Old Age Home”, Pullazhi and spent a day and supplied dress, food and sanitary items on 17-12-2015.
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35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> • Dynamic, Young and Qualified Faculties. • The tradition of the Department. • Brilliant students. • Alumni across the globe in high academic and industrial positions. • Successive rank holders in M.Sc. and B.Sc. courses secured by our students. • Well equipped M.Sc. and B.Sc. Laboratories. • Publications in reputed national and international journals.
	Weakness
	<ul style="list-style-type: none"> • Lack of space to start new courses. • Limited flexibility in curriculum.
	Opportunity
	<ul style="list-style-type: none"> • Being at the centre of the town, college is easily accessible. • Facilities to do research activities. • Develop more laboratory facilities with the help of Alumni. • Students from other colleges utilize the College’s facilities to do their research projects.
	Challenges
	<ul style="list-style-type: none"> • To coach the students to qualify for NET/JRF/GATE examinations. • To help the students join national and international scientific organisations. • To obtain collaboration in research with industries.
	Future plans
	<ul style="list-style-type: none"> • To become a Research Department. • Undertake more Major & Minor Research Projects. • M.Phil. Course to be started. • M.Sc. Course in Medical Physics to be started. • B.Sc. Course in applied physics (self financing) to be started • Add on courses in physics to be started. • Programs for developing practical skills with special tools to be started. • Signing of M.O.U with industries.

**RESEARCH AND POST GRADUATE DEPARTMENT OF CHEMISTRY**

1	Name of the Department	Research and Post Graduate Department of Chemistry	
2	Year of Establishment	1957	
3	Names of Programmes / Courses offered	UG: BSc Chemistry PG: MSc Chemistry PG Diploma: Industrial Catalysis and Sustainable Chemistry Ph. D. Chemistry	
4	Names of Interdisciplinary courses and the departments/ units involved	Course	Dept. involved
		Open course	All Departments
		Complementary course	Physics, Zoology, Botany
5	Annual/semester/choice based credit system (programmewise)	UG - Choice Based Credit Semester System (CBCSS) PG - Credit Semester System (CSS)	
6	Participation of the department in the courses offered by other departments	B.Sc. Botany (Complementary course) B.Sc. Physics (Complementary course) B.Sc. Zoology (Complementary course) All UG Courses (Open course: Chemistry in everyday life)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	11	11
	Guest	Nil	Nil

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i.	Dr. Joby Thomas K.	MSc, MPhil, MBA, PhD	Assoc. Prof & HOD	Inorganic chemistry	26	3† + 5*
ii.	Dr. Joshy C.L.	MSc, PhD	Assoc. Prof	Physical Chemistry	25	-
iii.	Dr. Joy K.L.	MSc, PhD	Assoc. Prof	Physical Chemistr, Biochemistry	25	-
iv.	Dr. Paulson Mathew	MSc, PhD, MBA MPhil, Post Doc	Assoc. Prof	Organic and organometallic	18	3*

v.	Dr. Sunil Jose	MSc, MTech, PhD	Asst. Prof	Polymer science and engineering	4	1*
vi.	Dr. Jency Thomas	MSc, PhD	Asst. Prof	Solid state chemistry	3	Research guide
vii.	Dr. Jinish Antony M.	MSc, PhD	Asst. Prof	Polymer and nanomaterial	3	Research guide
viii.	Miss. Reeja Johnson	MSc	Asst. Prof	Coordination chemistry	3	-
ix.	Dr. Joseph Joly V.L.	MSc, PhD, Post Doc	Asst. Prof	Material chemistry	1	Applied
x.	Mr. Aji C.V.	MSc	Asst. Prof.	Organic chemistry	1	-
xi.	Sr. Jisha Joseph	MSc, BEd	Asst. Prof.	Inorganic chemistry	1	-
* PhD doing, † Ph D awarded						

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty (Guest)	
	Year	Percentage of classes
	2010-2011	18
	2011-2012	27
	2012-2013	Nil
	2013-2014	Nil
	2014-2015	4.5

13	Student-Teacher Ratio (programmewise)	UG: BSc Chemistry	31:1
		PG: MSc Chemistry	5:1

14	Number of academic support staff (technical) and administrative staff	Lab assistants - 3 Store Keeper - 1
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Dr. Joby Thomas K.	MSc, MPhil, MBA, PhD
	Dr. Joshy C.L.	MSc, PhD
	Dr. Joy K.L.	MSc, PhD
	Dr. Paulson Mathew	MSc, MPhil, MBA, PhD, Post Doc
	Dr. Sunil Jose	MSc, M Tech, PhD



	Dr. Jency Thomas		MSc, PhD	
	Dr. Jinish Antony M.		MSc, PhD	
	Miss Reeja Johnson		MSc	
	Dr. Joseph Joly V.L.		MSc, PhD, Post doc	
	Mr. Aji C.V.		MSc	
	Sr. Jisha Joseph		MSc, Bed	
16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Dr. Joby Thomas K.	UGC-MRP (2014-2016)	2,30,000
		Dr. Sunil Jose T.	UGC-MRP (2014-2016)	4,90,000
		Dr. Jinish Antony M.	UGC-MRP (2014-2016)	2,50,000
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	DST-FIST funding - Rs. 40,00,000 PG Assistance - Rs. 7,50,000 / XIth plan period UG career orientation programme - Rs. 7,00,000 PG career innovative programme funded by UGC- Rs. 50,00,000		
18	Research Centre/ facility recognized by the University	Research centre of Calicut University (Ad.F1/1661/78) DST-FIST Supported Instrumentation Lab GC-MS Facility Centre Centre for industrial catalysis and sustainable science		

19	Publication Details					
No	Title	Journal	Vol.	Year	National/International	ISSN/ ISBN
1.	Aby Paul, Joby Thomas K, Sini Varghese C, Reeja Johnson. Evaluation on Structural and Thermoanalytical Properties of a Novel Heterocyclic Schiff Base Derived from 3-Formylindole and its Metal Chelates	Chem. Sci. Rev. Lett	4(13), 278-284	2015	International	ISSN 2278-6783

2.	Aby Paul, Joby Thomas K, Reeja Johnson, Sini Varghese C Transition Metal Complexes of (z)-4-((1H-indol-3-yl) ethyleneamino) benzoic acid: Synthetic, Structural and Antibacterial studies	Chem. Sci. Rev. Lett	4(13), 292-298	2015	International	ISSN 2278-6783
3.	Nimmy Kuriakose, Joby Thomas K, Vinod P Raphael, Shaju K S; Mild Steel Corrosion Inhibition Capacity of Schiff Base Derived from Thiophene-2-Carbaldehyde: Gravimetric and Electrochemical Investigation	Chem Sci Rev Lett	3(12), 1060-1067	2014	International	ISSN 2278-6783
4.	Vinod P Raphael, K Joby Thomas, KS Shaju and Aby Paul; Corrosion Inhibition Investigations of 3-acetylpyridine semicarbazone on Carbon Steel in Hydrochloric Acid medium	Research on chemical Intermediates	40 (8) 2689-2701	2014	International	ISSN 0922-6168
5.	Nimmy Kuriakose, Joby Thomas Kakkassery, Vinod P Raphael, Shaju K Shanmughan Electrochemical Impedance Spectroscopy and Potentiodynamic Polarization Analysis on Anticorrosive Activity of Thiophene-2-carbaldehyde derivative in acid Medium	Indian Journal of Material Science	2014 (1-6)	2014	International	-
6.	Vinod P Raphael, Joby Thomas K, KS Shaju, Nimmy Kuriakose. Chelating Competency and Electrochemical Response of a Heterocyclic Phenylhydrazone and its Copper Chelate	Oriental journal of chemistry	30(4) 2099-2104	2014	International	ISSN : 0970 - 020X, ONLIN E ISSN : 2231-5039

7.	Aby Paul, Joby Thomas K, Vinod P Raphael, Shaju KS Electrochemical and Gravimetric Corrosion Inhibition Investigations of a Heterocyclic Schiff Base Derived from 3- Formylindole	IOSR Journal of Applied Chemistry (IOSRJAC)	1 (6) 17-23	2012	International	ISSN online ent2278-5736
8.	KS Shaju, Joby Thomas K, Vinod P Raphael and Aby Paul Electrochemical and Surface Morphological Studies of Carbon Steel Corrosion by a Novel Polynuclear Schiff Base in HCl Solution	ISRN Electrochemistry	2013 1-8	2013	International	-
9.	Vinod P Raphael, Joby Thomas K, Shaju K Shanmugham, and Aby Paul Study of synergistic effect of iodide on the corrosion antagonistic behaviour of a heterocyclic phenylhydrazone in sulphuric acid medium on carbon steel	ISRN Corrosion	2013 1-7	2013	International	-
10	Aby Paul, Joby Thomas , Vinod P Raphael and Shaju KS Chelating Efficacy and Corrosion Inhibition Capacity of Schiff Base Derived from 3-formylindole	Oriental Journal of Chemistry	2012 (28) 1501-1507	2012	International	ISSN 0970-020 X
11	Aby Paul, Joby Thomas K., Vinod P. Raphael, and K. S. Shaju 3-Formylindole-4-aminobenzoic Acid: A Potential Corrosion Inhibitor for Mild Steel and Copper in Hydrochloric Acid Media	ISRN Corrosion	2012 1-9	2012	International	-
12	KS Shaju, K Joby Thomas, Vinod P Rapheal, Aby Paul; Synergistic Effect of KI on Corrosion Inhibition of Mild Steel by Polynuclear Schiff Base in Sulphuric Acid	ISRN Corrosion	2012 1-8	2012	International	-

13	Joby Thomas, Vinod Raphael, Nimmy Kuriakose, Shaju KS Spectroscopic and Corrosion Inhibition investigations on Schiff Bases derived from Aromatic Aminosulphonic Acids	ISST Journal of Applied Chemistry	3 (2) 1-4	2012	International	ISSN 0976-7355
14	Prasant S., Nirmala Joseph, Paulson Mathew and Sudarsanakumar Crystal structure, FT-IR, FT-Raman, ¹ H NMR and computational study of ethyl 2-{[(Z) 3-(4-chlorophenyl)-3-hydroxy-2-propene-1-thione] amino} acetate.	Journal of Molecular Structure	1081 (2015)	2015	International	ISSN: 0022-2860
15	Vimala Jose and Paulson Mathew. Preliminary studies on the role of plectonema notatum schidle as a source of bioactive compounds.	Pharmacie Globale Pharmacie Globale	8 (02) 1-3	2013	International	ISSN 0976-8157
16	Paulson Mathew, M Prasadha and C V Asokan. Microwave Assisted One-Pot Synthesis of Pyrrolothiazole-6-ones from Aroyl Ketene-N,S-acetals	J. Heterocycl. Chem.	47 430-435	2010	International	ISSN: 0022-152X
17	Thomas, J., Kumar, D. & Ramanan, A. Crystallization of Phosphomolybdate Clusters Mediated by Copper Azole Complexes: Influence of pH and temperature	Inorganica Chimica Acta	396 (2013) 126-135	2013	International	ISSN: 0020-1693
18	Thomas, J. & Ramanan, A. Phosphomolybdate cluster based solids mediated by transition metal complexes	Inorganica Chimica Acta	372(20 11) 243-249	2011	International	ISSN: 0020-1693
19	Kumar, U. Thomas, J., Agarwal, M. & Thirupati, N. Effects of steric/basic properties of Lewis bases on the degree of aggregation of zinc(II) pivalate complexes	Inorganica Chimica Acta	370 (2011) 122-131	2011	International	ISSN: 0020-1693

20	Kumar, U. Thomas, J., Nagarajan, R. & Thirupati, N. 3,5-Lutidine coordinated zinc(II) aryl carboxylate complexes: Precursors for zinc(II) oxide.	Inorganica Chimica Acta	372 (2011) 191-199	2011	International	ISSN: 0020-1693
21	Kumar, U. Thomas, J. & Thirupati, N. Factors Dictating the Nuclearity/Aggregation and Acetate Coordination Modes of Lutidine-Coordinated Zinc(II) Acetate Complexes	Inorganic chemistry	49 62-72	2010	International	ISSN: 0020-1669 (Print), 1520-510X (Online)
22	Singh, M., Thomas, J. & Ramanan, A. Understanding supramolecular interaction provides clues for building molecules into minerals and materials: a retrosynthesis analysis of copper based solids	Australian Journal of Chemistry	63 565-572	2010	International	ISSN: 0004-9425 (Print), 1445-0038 (Online)
23	M Singh, D Kumar, J Thomas and A Ramanan. Crystallization of Copper(II) Sulfate based Minerals and MOF from solution: Chemical insights into the supramolecular interactions,	Journal of Chemical Sciences	122 (5) 757-769	2010	International	ISSN: 0974-3626
24	RS Prasad, J Thomas, NK Jha Crystal structure of tetraphenylarsonium diisothiocyanatodichlorocobaltate (II)	Journal of Chemical Crystallography	40 122-125	2010	International	ISSN: 1074-1542 (Print) 1572-8854 (Online)
25	M Jinish Antony and M Jayakannan. Role of Anionic Micellar Template on the Morphology, Solid state ordering and Unusual Non-linear Conductivity of Polyaniline co- Polypyrrole Nanomaterials	J. Phys. Chem. B	115 6427-6436	2011	International	ISSN: 1520-6106 (Print) 1520-5207 (Online)

26	M Jinish Antony and M Jayakannan. Polyaniline Nano-scaffolds for Colorimetric Sensing of Biomolecules via Electron Transfer	Langmuir	27 6268-6278	2011	International	ISSN: 0743-7463 (Print) 1520-5827 (Online)
27	M Jinish Antony and M Jayakannan. Molecular Template Approach for Evolution of Conducting Polymer Nanostructures: Tracing the Role of Morphology on Conductivity and Solid State Ordering	J. Phys. Chem. B,	114 1314-1324	2010	International	ISSN: 1520-6106 (Print) 1520-5207 (Online)
28	K. Anoop Anand, T. Sunil Jose, U. S. Agarwal, T. V. Sreekumar, Bhawna Banwari, and Rani Joseph. PET – SWNT Nanocomposites Fibres through melt spinning	International Journal of Polymeric materials	59 438-449	2010	International	ISSN: 1687-9422
29	T. Sunil Jose, K. Anoop Anand, Rani Joseph. On the mechanical properties of EPDM/CIIR blends cured with reactive Phenolic resin	International Journal of Polymeric Materials	59 (7) 488-479	2010	International	ISSN: 1687-9422
30	Si-Jia Hao, V. L. Joseph Joly, S. Kaneko, J. Takashiro, K. Takai, H. Hayashi, T. Enoki and M. Kiguchi Magnetic edge-states in nanographene, HNO ₃ -doped nanographene and its residue compounds of nanographene-based nanoporous carbon	Phys. Chem. Chem. Phys.,	16 6273-6282	2014	International	ISSN: 1463-9076 (Print), 1463-9084 (Online)
31	P. Roy, A. P. Periasamy, C. Chuang, Y.-R. Liou, Y.-F. Chen, Joseph Joly, C.-T. Liang, H.-T. Plant leaf-derived graphene quantum dots and applications for white LEDs	New J.Chem	38 4946-4951	2014	International	ISSN: 1144-0546 (Print), 1369-9261 (Online)

32	Hao Si-Jia, Takai K, Joseph Joly V. L., Yokota K, Kiguchi M, Enoki T Magnetic Properties and Interplay between Nanographene Host and Nitric Acid Guest in Nanographene-Based Nanoporous Carbon	Bull. Chem. Soc. Jpn.	85 376-388	2012	International	ISSN: 0009-2673 (Print), 1348-0634 (Online)
33	Kiguchi M, Takai K, Joseph Joly V. L., Enoki T, Sumii R, Amemiya K Magnetic edge state and dangling bond state of nanographene in activated carbon fibers	Physical Review B	84 045421-045426	2011	International	ISSN: 1098-0121 (Print), 1550-235X (Online)
34	Hagiwara M, Tsugeno H, Yamaguchi H, Joseph Joly V. L., Takai K, Enoki T. ESR in a disordered network of nanographene sheets	Journal of Physics: Conference Series	334 012040	2011	international	-
35	Joseph Joly V. L., Kiguchi M, Hao Si-Jia, Takai K, Enoki T, Sumii R, Amemiya K, Muramatsu H, Hayashi T, Kim Y. A, Endo M, Botello-Mendez A, Campos-Delgado J, Lopez-Uras F, Terrones H, Terrones M, Dresselhaus. Observation of magnetic edge state in graphene nanoribbons	Physical Review B	81 245428	2010		ISSN: 1098-0121 (Print), 1550-235X (Online)
36	Joseph Joly V. L., Takahara K, Takai K, Koshino M, Tanaka H, Sugihara K, Enoki T. Effect of electron localization on the edge-state spins in a disordered network of nanographene sheets	Physical Review B	81 115408	2010	International	ISSN: 1098-0121 (Print), 1550-235X (Online)
37	Joseph Joly V. L., Takai K, Enoki T. Oxygen guest molecules in the nanopores of nanographite-network	Journal of Physics and Chemistry of Solids	71 575-578	2010	Internatio	ISSN: 0022-3697

38	Sumanasekera G. U, Chen G, Takai K, Joseph Joly V. L., Kobayashi N, Enoki T, Eklund P. C. Charge transfer and weak chemisorption of oxygen molecules in nanoporous carbon consisting of a disordered network of nanographene sheets	J. Phys.: Condens. Matter	22 33420 8	2010	International	ISSN: 0953- 8984 (Print), 1361- 648X (Online)				
39	Aby Paul, Joby Thomas K, Sini Varghese C, Reeja Johnson. Evaluation on Structural and Thermoanalytical Properties of a Novel Heterocyclic Schiff Base Derived from 3-Formylindole and its Metal Chelates	Chem. Sci. Rev. Lett	4(13), 278- 284	2015	International	ISSN 2278- 6783				
40	Aby Paul, Joby Thomas K, Reeja Johnson, Sini Varghese C Transition Metal Complexes of (z)-4-((1H-indol-3-yl) ethyleneamino) benzoic acid: Synthetic, Structural and Antibacterial studies	Chem. Sci. Rev. Lett	4(13), 292- 298	2015	International	ISSN 2278- 6783				
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Dr. Joby Thomas K.	59	19	15		18	-		23	
2	Dr. C.L. Joshy	1	1						-	1
3	Dr. KL. Joy	9	7	7	-	-	-	-	2	
4	Dr. Paulson Mathew	17	8	7		5	2		2	4
5	Dr. Sunil Jose T.	13	7	7		2	1		4	
6	Dr. Jency Thomas	35	16	16	1	1	1		16	5
7	Dr. Jinish Antony	6	4	5	-				2	4
8	Miss Reeja Johnson	6	2	2					4	-



19	Dr. Joseph Joly V.L.	38	25	25	1	1	-	-	11	11
10	Mr. Aji C.V.	1							1	-
11	Sr. Jisha Joseph	2	2	-	-	-	-	-	-	1

20	Areas of consultancy and income generated									
	Areas of Consultancy					Income Generated				
	DST-FIST Laboratory with UV-Visible, FT-IR, cyclic voltammeter, Magnetic balance and GCMS					These facilities are availed by the research students, Project students (MSc and BSc) of this college and research scholars of neighbouring colleges with nominal fees.				

21	Faculty as members in National Committees, International Committees etc.		
	Committees	Name of the faculty	Name of the committee
	Editorial Board	Dr. Joby Thomas	Editorial Board Member –IJCCE

22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010 - 2015	MSc 70 % BSc 95%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010 - 2015	MSc 30% BSc 5%

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
	Dr. Joby Thomas K.	Faculty	CRSI Best Teacher	CRSI	2011
	Dr. Joby Thomas K.	Faculty	Prof. MM Ghani Award	University of Calicut	2013
	Anu Bovas	Student	Inspire Scholarship	DST	2015
	Unnimaya T.J.	Student	Prathiba Scholarship	KSCSTE	2012
	Vishnu E.K.	Student	Prathiba Scholarship	KSCSTE	2012
	Anu Bovas	Student	Inspire Scholarships	DST	2015
	Sherin Rison	Student	Inspire scholarship	DST	2013
	Lisha Kuruvath Salil	Student	Inspire scholarship	DST	2013
	Meera P. Reghunath	Student	Inspire scholarship	DST	2013

	Anjana Mathew	Student	Inspire scholarship	DST	2013
	Rajasree Menon	Student	Inspire scholarship	DST	2013
	Divya Sasidharan	Student	Inspire scholarship	DST	2011
	Anu Bovas	Student	Inspire scholarship	DST	2015

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation / Affiliation	Context	Year
	Dr. C.V. Krishnan	Stoney Brook University	Prof. KP Antony memorial lecture	2015
	Padmashree Prof. ED Jemmis	IISC Bangalore	Prof. Jose Mechery Lecture	2015
	Dr. V Kumar	C-MET Athani	National workshop on computational Chemistry and molecular design	2015
	Dr. S. Prabhakar	IICT, Hyderabad	Seminar on GCMS	2014
	Prof. P. V. Ramachandran,	Director, H C Brown Centre for Borane Research, Department of Chemistry, Purdue University, USA	KP Antony Lecture	2014
	Dr. Abhram Joseph,	Registrar, Kerala Fisheries University	National Seminar on recent trends in Chemistry	2014
	Prof. Meledath Govindhan,.	Kentucky University, Massachussetts, USA	KP Antony Lecture	2013
	Prof. Henry F. Shaefer,	University of Georgia, USA	National Seminar on Quantum Mechanics in Chemistry	2012
	Dr. Suresh Das	Director, NIIST, TVM	National Seminar on Nanoscience and Programming in Chemistry	2011
	Prof. Mukundan Thelakkat,	Bayrut University, Germany.	Frontier lecture in chemistry	2011
	Dr. Mansingh	Central University, Gujarat.	National seminar breakthrough in chemistry	2011

25	Seminars/Conferences/ Workshops organized & the source of funding		
	Programme	Source of funding	Fund received (Rs)
	Prof. Jose Mechery Memorial Lecture	Dr. Jose Mechery	20,000



		Foundation	
	National workshop on computational chemistry and molecular design 28th and 29th 2015	IQAC	20,000
	National workshop micro scale analysis 29-07-2015;	UGC	25,000
	National Workshop on Microscale Analysis and Instrumental techniques 11 & 12-03-2015	UGC	25,000
	Seminar: Advances in Mass Spectrometry, 28-03-2015	Dept.	10,000
	National Seminar on Recent Trends in Chemistry, 24-03-2014	IQAC St. Thomas College, TCR	20,000
	Prof. K P Antony Endowment Lecture, 24-03-2014	Prof. K.P. Antony Family	Sponsored by KP Antony Family
	Prof. K P Antony Endowment Lecture , 03-01-2013	Prof. K.P. Antony Family	Sponsored by KP Antony Family
	National Seminar on Quantum Mechanics in Chemistry, 04-12-2012	IQAC	20,000
	Prof. K P Antony Endowment Lecture, 27-02-2012	Prof. K.P. Antony Family	Sponsored by KP Antony Family
	National Seminar on Nanoscience and Programming in Chemistry, 8 & 9 Dec. 2011	Dept.	10,000
	Frontier Lectures in Chemistry, 07-11-2011	Dept.	10,000
	National seminar on breakthrough in analytical chemistry, 05-08-2011	IQAC	10,000

26	Student profile programme/course wise						
	Name of course/programme		Applicat ions received	Selected	Enrolled		Pass %
					Male	Female	
	MSc Chemistry	2010-11	136	12	2	10	92
		2011-12	CAP	12	0	12	92
		2012-13	CAP	12	0	12	100
		2013-14	210	12	0	12	91
		2014-15	250	12	0	12	100
	BSc Chemistry	2010-11	489	56	19	28	72
		2011-12	501	56	16	30	72
2012-13		570	49	16	33	80	
2013-14		CAP	55	17	38	70	
2014-15		CAP	54	9	45	93	

27	Diversity of students				
	Course		Percentage of students		
			From the same state	From other states	From abroad
	Name of the course	Year			
	MSc Chemistry	2010	100	0	0
		2011	100	0	0
		2012	93	7 (Lakshadweep)	0
		2013	100	0	0
		2014	100	0	0
	BSc Chemistry	2010	100	0	0
		2011	100	0	0
		2012	100	0	0
		2013	100	0	0
		2014	100	0	0
28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.				
	Year	Examination passed	No. of students		
	2010 - 2011	UGC-NET	1		
		UGC-JRF	1		
	2012 - 2013	UGC-JRF	4		
		UGC-NET	1		
	2013-2014	UGC-JRF	2		
	2014-2015	CSIR-JRF	2		
		UGC-NET	2		

29	Student progression		Number of students				
			2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG		10	10	20	25	25
	PG to MPhil		0	0	0	0	0
	PG to PhD		25	25	8	8	8
	PhD to Post-Doctoral		0	0	0	0	0
	Employed Campus selection/Other than campus recruitment		10	15	20	25	30

	Entrepreneurship/Self-employment	28	25	22	6	26
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30	Details of Infrastructural facilities Gas chromatography Mass Spectrometer (GC-MS), UV-Visible spectrometer, FT-IR spectrometer, Cyclic Voltmeter (CV), Gouy Magnetic Balance, Ultrasound Sonicator, 5 kV + 10 kV UPS, Computer lab with Multimedia Devices, Electronic Balances. LCD Projector. Magnetic Stirrers, Conductivity meters, Polari meters, Potentiometers, Colorimeters, Centrifuging Apparatus, Electric Ovens, Electric Bunsen's, Chemical Balances, Fuming Hood, Vacuum pump etc.				
	Library	College Library			
	Internet facilities for Staff & Students	Internet Facility for Staff and students			
	Classrooms with ICT facility	III DC Class room with LCD projector facility, Seminar hall with LED Big screen, Computer Hall Capacity of 25 at time			
	Laboratories	BSc Chemistry Lab (Max capacity 56) MSc Chemistry Lab (Max Capacity 24) Research Centre of Calicut university DST-FIST Supported Instrumentation Lab GC-MS Facility Centre Centre for Industrial Catalysis and Sustainable Science			

31	Number of students receiving financial assistance from college, university, government or other agencies				
	Year	College	University	Government	Other agencies
	2010-11			3	
	2011-12			6	
	2012-13			9	2
	2013-14			9	5
	2014-15			8	2

32	Details on student enrichment programmes (special lectures/ workshops /seminars) with external experts		
	Year	Resource person	Programme
	2011	Dr. Mansingh,	National seminar on breakthrough in

		Prof. Mukundan Thelakkat Dr. Suresh Das, NIIST Thiruvananthapuram Dr. Swathy, IISER Thiruvananthapuram Dr. P. Parameshwaran, NIIST Calicut	analytical chemistry Frontier Lectures in Chemistry National Seminar on Nanoscience and Programming in Chemistry
	2012	Prof. Henry Sheifer Dr. Kalyana Krishnan, Sree Chithra Institute of Medical Sciences and Technology, TVM	National Seminar on Quantum Mechanics in Chemistry Dr. Kalyana Krishnan, Sree Chithra Institute of Medical Sciences and Technology, TVM
	2013	Prof. Meladath Govindan	Prof. K P Antony Endowment Lecture
	2014	Prof. E.D. Jemmis, IISc Bangalore	Frontier Lecture in chemistry
		Dr. Kochubaby Manjooran, BPCL, Kochi	Orientation Programme for PG students
		Dr. Shinto Varghese, Marie Curie Fellow	Orientation Programme for PG students
		Dr. P.V. Ramachandran	Prof. K P Antony Endowment Lecture
		Dr. Abraham Joseph	
	2015	Dr. S. Prabakar	National seminar on mass spectrometry
		Dr. Abraham Joseph	National Workshop on Microscale analysis and Instrumental techniques
		Prof. E.D. Jemmis, IISc Bangalore	Prof Jose Mechery memorial lecture

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Innovations / strategies of teaching ❖ Class-room demonstrations and hands-on experience are provided to give proper understanding of the subject. • Apart from classroom interactions, power point presentations and computer aided teaching methods are provided. • Participation of students in seminars, conferences, workshops ❖ Students are trained to deliver their seminar presentations using power point. ❖ Students are encouraged to attend seminars, conferences, and workshops

	<p>both within the college and outside the college.</p> <ul style="list-style-type: none"> ❖ For PG students, weekly seminars are conducted in the department. ❖ College level and national level seminars are organised for students routinely.
34	<p>Participation in Institutional Social Responsibility (ISR) and Extension activities</p> <ul style="list-style-type: none"> • Faculty members are taking tuition for the orphanage students of St. Anne's CGHS on behalf through college Santhome Social Assistance Programme (SASAP). • Conducting UGC-NET coaching with nominal fees. • Seminars and workshops are organized routinely to share the recent developments in academic and research fields of Chemistry. • The faculty is involved in 'Excel' for school students. • Faculty from other institutions are permitted to use the instrumentation facility on request

35	SWOC analysis of the department and Future plans
	<p>Strength</p> <ul style="list-style-type: none"> • Well qualified and experienced teaching faculty with 8 Ph.D. holders and 3 pursuing doctoral degree. • Majority of the faculty are members of various academic bodies of college and university. • Well-equipped sophisticated central instrumentation facility funded by FIST-DST. • Department has conducted UGC add on course: UG Diploma in polymer and petrochemicals up to 2011. • PG Diploma in industrial catalysis and sustainable chemistry is started as part of UGC innovative programme. • Students of the department have won several ranks in various examinations, NET, UGC and CSIR-JRF, GATE etc. • The department have remarkable student's progression approximately 50% to PG and 25% to PhD. • The students are engaged in arts and sports and won several gold medals.
	<p>Weakness</p> <ul style="list-style-type: none"> • JRF and NET qualifiers approximately 20%. • Limited funding available to pursue research, Projects, infrastructure development.

	Opportunity
	<ul style="list-style-type: none">• Opportunity to work in collaboration with esteemed alumni of our department placed at national laboratories and institutes.• Hands on experience of sophisticated techniques as part of PG programmes.• Opportunity to publish internationally reputed journals.• Orientation talks and invited lectures by prominent alumni.
	Challenges
	<ul style="list-style-type: none">• To motivate PG students to pursue research abroad as well as in national institutes.• Enhance the number of Ph.D. degrees awarded from the department.• Implement new vocational programmes.
	Future plans
	<ul style="list-style-type: none">• Initiate coaching classes for BSc and MSc students for competitive exams like JAM• Start carrier guidance for advanced studies• Facilitate faculty members and research scholars to attend in workshops and short term training programs related to their research areas• Implement the policy “A minor/major project per faculty”• Conduct orientation/workshops for faculty members• Start collaborative research and exchange programmes

RESEARCH AND POST GRADUATE DEPARTMENT OF BOTANY

1	Name of the Department	Research and Post Graduate Department of Botany	
2	Year of Establishment	1951	
3	Names of Programmes / Courses offered	UG: B.Sc. Botany PG: M. Sc. Botany Ph.D: Botany	
4	Names of Interdisciplinary courses and the departments/ units involved	Programme offered	Departments involved
		Open course	All departments
		Complementary courses	Chemistry, Zoology
5	Annual/semester/choice based credit system (programmewise)	UG - Choice Based Credit Semester System (CBCSS) PG - Credit Semester System (CSS)	
6	Participation of the department in the courses offered by other departments	BSc Zoology (Complementary course) All UG Courses (Open course: Applied Botany)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts		Sanctioned
		Regular	8
		Guest	Nil

10	Faculty Profile				
Sl No.	Name	Qualification	Designation	Specialization	Experience in years
i	Jacob Abraham Pulikal	MSc, B.Ed, M.Phil.	Associate Professor & HOD	Taxonomy	31
ii	C. D. Varghese	M.Sc. Ph.D.	Associate Professor	Anti-cancer medicines	27
iii	Ignatius Antony	M.Sc.,M.Phil, LLB, Ph.D.	Associate Professor	Environmental management, Phytoremediation	25

iv	Vimala Jose	M.Sc., B.Ed., Ph.D.	Assistant Professor	Biotechnology	5
v	Geethu Elizabeth Thomas	M.Sc.	Assistant Professor	Molecular Biology	3
vi	Anto P. V.	M.Sc., B.Ed., Ph.D.	Assistant Professor	Taxonomy	3
vii	Thomas M. T.	M.Sc., B.Ed., Ph.D.	Assistant Professor	Plant biosystematics	1
viii	Joby Paul	M.Sc., Ph.D.	Assistant Professor	Taxonomy	1

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered by temporary faculty	
	Year	Percentage of classes
	2010-2011	37.5%
	2011-2012	50%
	2012-2013	12.5%
	2013-2014	12.5%
	2014-2015	Nil

13	Student-Teacher (programmewise)	Ratio	UG: B.Sc Botany	32:1
			PG: M.Sc Botany	5:1

14	Number of academic support staff (technical) and administrative staff	Lab Assistant: 3 Herbarium keeper: 1
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Jacob Abraham Pulikal	MSc, BEd, M.Phil
	C. D. Varghese	MSc, Ph.D
	Ignatius Antony	MSc, M.Phil, LLB, Ph.D
	Vimala Jose	MSc, BEd, Ph.D.
	Geethu Elizabeth Thomas	MSc
	Anto P. V.	MSc, BEd, Ph.D.
	Thomas M. T.	MSc, BEd, Ph.D.
	Joby Paul	MSc, Ph.D.

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant sanctioned (Rs)
		Geethu Elizabeth Thomas	UGC	1,45,000/-
		Dr. Vimala Jose	UGC	4,15,000/-
		Dr. Anto P. V.	UGC	1,50,000/-
		Dr. Thomas M. T.	DST	29,46,500/-

17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	Research Centre of University of Calicut
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19	Publication details					
No	Title	Journal	Vol .	Year	National/ International	ISSN/ ISBN
	Jacob Abraham Pulikal					
1	A new species of <i>Rotala</i> L. (Lythraceae) from the lateritic hills of Thrissur District, Kerala, India	International Journal of Advanced Research	2(11)	2014	International	ISSN 2320-5407
	C. D. Varghese					
2	Modulatory effects of Asoka extracts as chemoprotectors to overcome cyclophosphamide induced toxicity in Sarcoma-180 tumour bearing mice	World journal of pharmaceutical research	4(10)	2015	International	ISSN 2277-7105
3	A new species of <i>Rotala</i> L. (Lythraceae) from the lateritic hills of Thrissur District, Kerala, India	International Journal of Advanced Research	2(11)	2014		ISSN 2320-5407
	Ignatius Antony					
4	Protection of biodiversity: A global issue	Edufocus		2015	National	2347-646X

5	Sustainable grey water management with axonopus compressus (broad leaf carpet lgrass) planted in subsurface flow constructed wetlands	Journal of water process engineering	7	2015	International	ISSN 2214-7144
6	Potential ground water targeting and water management in semiarid region through the application of geo information technology	International Journal of advanced research		2015		2320-5407
7	Integrated water management strategies through drought hazard mapping and water quality modelling using geo informatics	Journal of recent scientific research		2015		0976-3031
8	Phytodiversity assesment in Neyyar Wild life sanctuary Western Ghats, India.	Journal of current research		2015		0975-833X
9	Nutrient Film Technique (NFT) with <i>Eichhornia crassipes</i> (Mart.) Solms: An effective way to treat greywater.	Proceedings of the International Symposium on Integrated Water Recourses Management.		2014	National	978-81-8424-906-4
10	Heavy metal pollution: Awareness formation through environmental education	<i>Conflux Journal of Education.</i>	1(8)	2014	International	2320-9305
11	Cadmium removal from waste water using <i>Pueraria phaseoloides</i> - and emerging weed in Kerala.	Proc. of 19th National Symposium on Environment	Book	2014	National	
12	Facing the unexpected: disaster resilience through edification	DRVC-2014	Book	2014	National	

13	Rhizofiltration of lead using an aromatic medicinal plant <i>Plectranthus amboinicus</i> cultured in a hydroponic nutrient film technique (nft) system.	<i>Environmental science and pollution research</i>		2014	International	0944-1344
14	A new species of <i>Rotala</i> L.(Lythraceae) from the lateritic hills of Thrissur District, Kerala, India	International Journal of Advanced Research	2(11)	2014	International	2320-5407
15	A study on the awareness about E-waste management practices among the Secondary School teachers	<i>Erudition</i>		2013	National	0973-7839
16	<i>Hydrocotyle asiatica</i> : A potential bioremediant of Cadmium: a concern for ayurvedic preparations	Proc. 25 th KSC	Book	2013	National	
17	Municipal solid waste leachate treatment in horizontal surface flow constructed wetlands planted with <i>Colocasia esculenta</i> (L) Schott.	Proc. National Seminar on Municipal solid waste management issues and prospects.	Book	2012	National	
18	A study on the awareness about E-waste management practices among the Secondary School teachers.	Proc. National Seminar on sustainable development	Book	2012	National	
19	Phycoremediation of greywater using selected chlorophyceae members.	Proc. National seminar on sustainable development	Book	2012	National	
Vimala Jose						
20	Preliminary studies on the role of <i>Plectonema notatum</i> Schmidle as a source of bioactive compounds.	<i>IJCP</i>	8(2)	2013	International	2210-7703
21	Effect of induced amendments on microbial enzyme activity in the rhizosphere of rice.	Int. J. Curr. Microbiol. App. Sci.	2(11)	2013	International	ISSN: 2319-7706

22	An Agro Health Survey of Pirayiri panchayat and adoption of ecofriendly methods for paddy cultivation and Mosquito control.	<i>Proc. National Seminar on Managing fragile ecosystem.</i>	Book	2010	National	
23	Nutraceuticals-A promising area of health and medicine.	<i>Proc. of the National Seminar on Recent Advances and Challenges in Plant Science.</i>	Book	2015	National	
Anto P. V.						
24	A new species of <i>Rotala</i> L. (Lythraceae) from the lateritic hills of Thrissur District, Kerala, India	<i>International Journal of Advanced Research</i>	2(11)	2014	International	
25	Cellular architecture in selected species of genus <i>Dioscorea</i> , Kerala, India	<i>International Journal of Advanced Research</i>	2(9)	2014	International	
26	Demography of <i>Calamus</i>	Rattans of India. Taxonomy, Biology and utilization, K.F.R.I. Peechi, Kerala, India.		2010	National	
27	Scientific rediscovery of fungoid bodies and habitate studies on <i>sclerotium stipitatum</i> Berk. Et Curr. (Nilamanga): a rare Termite fungus	International Journal of plant, animal and environmental science	5(3)	2015	International	
28	Antibacterial activity of five selected species of Pteridophytes	International Journal of innovative research & development	4(8)	2015	International	

29	Evaluation on antimicrobial activity of fruit peels of selected citrus species against human pathogenic microorganism	Journal of pharmacognosy phytochemistry	4(3)	2015	International	
30	Assessment of antifungal activity of teak and betel leaves extract against <i>Colletotrichum gloeosporioides</i> causing leaf spot on <i>Murraya koenigii</i>	International journal of science & applied research	2(11)	2015	International	
Geethu Elizabeth Thomas						
31	Molecular evolution of <i>PR-5</i> protein gene in <i>Zingiber</i> species with contrasting breeding systems <i>ISB '10</i>	Proceedings of the International Symposium on Biocomputing		2010	National	
Joby Paul						
32	<i>Selaginella lakkidiana</i> sp. nov. (Selaginellaceae) from India.	Nordic Journal of Botany	28	2010	International	1756-1051
33	<i>Cyanotis racemosa</i> (Commelinaceae), a new record for India.	Rheedea	21(1)	2011	International	0971-2313
34	<i>Murdannia satheeshiana</i> - a new species of Commelinaceae from the Western Ghats, India.	Phytotaxa	22	2011	International	1179-3155
35	Vegetation analysis of Montane forest of Western Ghats with special emphasis on RET species.	International Journal of Biodiversity and Conservation	4(15)	2012	International	2141-243X
36	Evaluation of the Holocene environmental changes of the southwest coast, India: A palaeopalynological approach.	Journal of Earth System Science	121(4)	2012	International	0253-412
37	Ecological distribution mapping of the genus <i>Vitex</i> in Kerala, India using geographic information system	Acta Biologica Indica	1(2)	2012	International	

38	Taxonomic and ecological appraisal of <i>Ixora Johnsonii</i> Hook.f. (RUBIACEAE).	mRNA	2(3)	2013	National	2319-2747
39	Riparian tree species in the Pamba river, Kerala.	mRNA	1 (11)	2013	National	2319-2747
40	Distribution and ecology of the genus <i>Murdannia</i> Royle (Commelinaceae) in South India.	Online International Interdisciplinary Research Journal	3(6)	2013	International	2249-9598
41	Comparison of riparian species diversity between the main river channel and subwatersheds of Meenachil river basin, Kerala, Southern India.	Brazilian Journal of Botany		2014		0100-8404
42	Phenology of trees in the riparian forests of Pamba river basin, Southern Western Ghats, India	mRNA	4(3)	2015	National	
43	Notes on recent species bursts in <i>Murdannia</i> (Commelinaceae) from India	Indian Journal of Applied Research	5(7)	2015	National	
Thomas M. T.						
44	Elite genotypes/chemotypes, with high contents of madecassoside and asiaticoside, from sixty accessions of <i>Centella asiatica</i> of south India and the Andaman Islands: For cultivation and utility in cosmetic and herbal drug applications.	Industrial Crops and Products	32	2010	International	0926-6690
45	Genetic variability, correlation and heritability of certain agronomic characters of <i>Centella asiatica</i> (L.) Urb.	Journal of Cytology and Genetics	11(1)	2010	International	0002537605
Books Published						

	Title of book	Author(s)	Year	Publisher
46	Florill: Flora on the Campus Hill,	Rogimon P. Thomas, Joby Paul, Sreekumar K. R., Asha Ramachandran, Robert Raju	2014	Vidya Nikshepam, C.M.S. College, Kottayam. ISBN: 978-81-925991-0-6.
47	Geoinformatics Science, Technology & Application	Ignatius Antony & Subin K. J.	2012	Marymatha publications, Thrissur ISBN: 978-3-9456374-05-08
48	Global positioning system - Fundamentals and applications	Subin K. J., Abin Varghese, Liza Mathew, John CM, Koshy PM, Ignatius Antony	2011	Greens Publications, Coimbatore
49	Concept notes for practical GIS	Subin K. J., Abin Varghese, Liza Mathew, John CM, Ignatius Antony	2011	Greens Publications, Coimbatore

Chapters in books

No	Chapter Title	Author(s)	Book	Year	Publisher
50	Phytodiversity of riparian forests	Joby Paul, Rogimon P. Thomas, Brilliant Rajan and K. Sankaran Unni	Paul, V.I. (Ed). Biodiversity: Issues, Impacts, Remediation and Significance	2013	VLMS publishers, New Delhi. pp 96-108. ISBN: 978-93-80820-50-7.
51	Diversity and spatiotemporal variation of <i>Actinomycetes</i> population in the soils of Tropical montane forest of Western Ghats, Kerala	Rinoy Varghese, Suchithra, R., Nishamol S., Joby Paul and Mohamed Hatha, A.A.	Biju Kumar (Ed). Biodiversity Documentation and Taxonomy	2012	Narendra Publishing House, New Delhi. pp 271-278.
52	Documentation and distribution of aquatic plants in relation with certain	Sylas V.P., John C.M., Joby Paul, K.S. Unni, A.P. Thomas and E.V. Ramasamy	Biju Kumar (Ed). Biodiversity Documentation and Taxonomy	2012	Narendra Publishing House, New Delhi. pp 377-391.

	environmental variables of Kuttanad wetland ecosystem, Kerala									
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Jacob Abraham Pulikal	1	1							
2	C. D. Varghese	2	2							
3	Ignatius Antony	17	9				1	3	7	2
4	Vimala Jose	4	2						2	
5	Geethu Elizabeth Thomas	1							1	
6	Anto P. V.	7	6		1					2
7	Thomas M. T.	2	2							1
8	Joby Paul	16	12		3		1			4

20	Areas of consultancy and income generated: Nil	
21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil

22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010-2015	M.Sc. 100%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	Nil

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
	Dr. C. D. Varghese	Faculty	Hridayarppan	Vivekananda	2010

			am	Seva Kendra	
	Dr. C. D. Varghese	Faculty	Cancer care award	Health ministry, Govt. of Kerala	2013
	Dr. C. D. Varghese	Faculty	Social Justice Award	Social justice Ministry, Govt. of Kerala	2014
	Dr. Thomas M. T.	Faculty	Dr. P. D. Sethi Award	KONGPOSH Publications	2010
	Veena K S	Student	1st Rank, B Sc	University of Calicut	2015
	Aiswarya K S	Student	1st Rank M Sc	University of Calicut	2015

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Dr. Pratibha Sharma	Principal Scientist and Professor, IARI, New Delhi	Delivered a talk	2015
	Dr. K. Ruckmani	Director, Centre for Excellence in Nanobio Translational Research (CENTRE), Anna University, Tiruchirappalli	Delivered a talk	2015
	Mrs. Sobhana Bhaskaran	Scientist E, DST, Govt. of India	Delivered a talk	2015
	Dr. E. V. Ramasamy	Former Director, SES, MG University Kottayam	Delivered a talk	2015
	Dr. Santhosh Nampy	DCDC & Director of Research, University of Calicut	Delivered a talk	2015
	Dr. K. G. Raghu	Principal Scientist Agroprocessing & Natural products Division, CSIR - (NIIST), Thiruvananthapuram	Delivered a talk	2015
	Dr. P. Shivakumar Singh	Assistant Professor, MVS Govt. UG and PG College, Mahabubnagar, Telangana	Delivered a talk	2015
	Dr. Anita Cheriyan K.	Professor, Kerala Agricultural University	Delivered a talk	2015
	Dr. K. B. Rameshkumar	Scientist E1, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Palode	Delivered a talk	2015

	Dr. Jose T. Puthur	Director, Directorate of Admissions, University of Calicut	Delivered a talk	2015
	Dr. Ajaikumar B. Kunnumakkara	Associate Professor, Indian Institute of Technology Guwahati	Delivered a talk	2015
	Dr. Sreekumar V. B.	Scientist, KFRI Peechi	Delivered a talk	2015
	Prof. K. Raveendranath	Pro Vice Chancellor, University of Calicut	Delivered a talk	2015
	Dr. M. Sabu	Professor, Dept. of Botany, University of Calicut	Delivered a talk	2014
	Dr. A. K. Pradeep	Associate Professor, Dept. of Botany, University of Calicut	Delivered a talk	2014
	Dr. T. D. Babu	Scientist, Amala Cancer Research Institute, Thrissur	Delivered a talk	2014
	Dr. Mujeeb Rahiman	Professor, CUSAT, Ernakulam	Delivered a talk	2014
	Dr. N. Sasidharan	Scientist, KFRI, Peechi	Delivered a talk	2014

25	Seminars/Conferences/Workshops organized & the source of funding		
	Programme	Source of funding	Fund sanctioned (Rs)
	3-day National seminar on 'Biodiversity Conservation – Trend and Need' - 2013	KSCSTE, Biodiversity Board, KHEC, IQAC	85,000
	Biovision 2015: One Day Seminar	IQAC	5,000
	Species – The Passion – 2015	KSCSTE	20,000
	Three day national seminar on Emerging trends in herbal technology -2015	SERB, KSCSTE, KHEC, IQAC	2,40,000
	National seminar on Taxonomy and Conservation -2015	IQAC	5,000

26	Student profile programme/course wise						
	Name of course/ programme		Applicat ions received	Selected	Enrolled		Pass %
					Male	Female	
	MSc Botany	2014-15	182	12	0	12	100
2013-14		166	12	2	10	100	

		2012-13	CAP	12	0	12	83
		2011-12	CAP	12	0	12	83
		2010-11	161	13	1	12	85
	BSc Botany	2014-15	CAP	40	11	29	91
		2013-14	CAP	40	7	33	60
		2012-13	1500	40	7	27	80
		2011-12	1138	40	6	26	60
		2010-11	833	40	9	20	80

27	Diversity of students				
	Name of the course		Percentage of the students		
			From the same state	From other states	From abroad
	Year	Course			
	2010	BSc Botany	100	Nil	Nil
		MSc Botany	100	Nil	Nil
	2011	BSc Botany	100	Nil	Nil
		MSc Botany	100	Nil	Nil
	2012	BSc Botany	100	Nil	Nil
		MSc Botany	100	Nil	Nil
	2013	BSc Botany	100	Nil	Nil
		MSc Botany	100	Nil	Nil
	2014	BSc Botany	100	Nil	Nil
		MSc Botany	100	Nil	Nil
	2015	BSc Botany	100	Nil	Nil
		MSc Botany	100	Nil	Nil

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.: Nil
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29	Student progression	Number of students				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	11	4	7	6	22
	PG to M.Phil	0	0	0	4	0
	PG to Ph.D.	0	4	4	4	4
	PhD to Post-Doctoral	0	0	0	0	0
	Employed Campus selection / Other than	0	6	0	0	0

	campus recruitment					
	Entrepreneurship/ self-employment	26	23	12	12	11

30	Details of Infrastructural facilities		
	Library	Books: 4198 Print Journals: 5 E Journals: N-LIST subscription	
	Internet facilities for Staff & Students	WiFi enabled Department, Computer lab, scanner and printers	
	Classrooms with ICT facility	One	
	Laboratories	UG lab	One
		UG Complementary lab	One
		PG Lab	Two
		Permanent slides	415 nos.
		Preserved specimens	585 nos.
		Herbarium	3500 sheets
		Research Lab	One
FIST sponsored lab	One		
Tissue culture lab	One		

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2010-11		
	2011-12		
	2012-13		
	2013-14	UGC – Rank Scholarship	1
	2014-15	KSCSTE – M.Sc. Dissertation Fund	2

32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts		
	Name of expert	Date	Students
	Dr. Vidyasagaran, Dean, Forestry College, Vellanikkara	28-12-2015	BSc 6th Sem.
	Dr. K. A. Raveendran, Associate Professor, Sree Sankara University, Kalady	28-12-2015	BSc 6th Sem.

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Teaching using audio visual aids • Field explorations and study tours with demonstrations • Institutional visits • Talks by experts from various fields • One assignment and seminar for each paper in all the semesters for PG & UG programmes • Facilitating students for presentation of their works in seminars • Increasing scientific aptitude of students by attending seminars and workshops • Learning through teaching school students • Learning through dried and pickled specimens • Students can project their hand sections of specimens through LCD projector

34	Participation in Institutional Social Responsibility (ISR) and Extension activities	
	Prof. Jacob Abraham Pulickal	Preparation of a Biodiversity Register (2012) of Government LP School, Kodaly, Thrissur District
	Dr. C. D. Varghese	Anti-tobacco Campaign Lecture Series in and around Shillong
		Distribution of seedlings and saplings of <i>Mullatha</i> (<i>Annona muricata</i>) and <i>Lakshmitharu</i> (<i>Simarauba Gluca</i>), the promising anticancer plants on 26, March 2015 Thrissur pooram exhibition – distributed 1,20,000 saplings
		Classes on cancer-care among public delivered speeches on cancer prevention for common people
		Published a book. Title: Cancer prevention
	Dr. Ignatius Antony	Observer, KEAM Entrance Examination
		Master Trainer, Census Duty-Population Enumeration
		Member, District Advisory Committee on Youth Programme
		Resource person, World Environment day celebration
	Dr. Anto P. V.	SASAP classes were taken at St. Annes School, Thrissur
		A documentation CD was submitted to the State Planning Board detailing the conservation measures to be undertaken
		Conservation strategy for critically endangered species <i>Syzygium travancoricum</i> from Kalashamala Hills of

		Thrissur district in collaboration with District Planning Board, Thrissur
	Dr. Thomas M. T.	Activities on rural empowerment in collaboration with PDS, Peermade, an NGO from Idukki District
	Dr. Joby Paul	SASAP classes were taken at St. Annes School, Thrissur
		Collaborated with 'Bioblitz' (National Environmental Awareness Campaign 2013) - organized by Ashoka Trust for Research in Ecology and Environment (ATREE), Alappuzha.
		Collaborated with <i>Jalapadam</i> -Environmental Education Programme 2013 - organized by Ashoka Trust for Research in Ecology and Environment (ATREE), Alappuzha.

35	Strength, Weakness, Opportunities, Challenges and Future Plans	
	Strength	
	Highly educated faculty with 6 of them are PhD, One has M.Phil, and four have B.Ed, one about to submit Ph.D. Thesis. Organisational structure and internal administration is giving the strength to the department. Recently the department raised its status by acquiring the recognition from University of Calicut as its research centre in Botany	
	Weakness	
	Lack of space for additional class rooms and research labs Lack of land for botanical garden	
	Opportunities	
	Make researchers and teachers in the field of Botany Introduce innovative add-on / certificate courses Undertake externally funded research & development projects Produce doctorates in Botany	
	Challenges	
	Competition with courses in applied branches of Botany	
	Future plans	
	<ul style="list-style-type: none"> Curriculum & Learning - plan to include internship in UG & PG New courses - M.Phil. Botany Remedial coaching / scholarships / endowments Uplifting Research centre Herbarium accreditation Increase number of research publications of students Career oriented - Tie ups with companies Research Centre Development - External funded projects Extension - Socially relevant research projects for UG and PG Extra curricular -Club activities 	

RESEARCH AND POST GRADUATE DEPARTMENT OF ZOOLOGY

1	Name of the Department	Research and Post Graduate Department of Zoology	
2	Year of Establishment	1957	
3	Names of Programmes / Courses offered	UG:B.Sc. Zoology PG:M.Sc. Zoology Specialization Entomology PhD. Zoology B. Voc.(Medical Laboratory Technology) MLT	
4	Names of Interdisciplinary courses and the departments/ units involved	Course	Departments involved
		Open course	All Departments
		Complementary course	Botany
5	Annual/semester/choice based credit system (programmewise)	UG: Choice Based Credit and Semester System (CBCSS) PG: Calicut University Choice Based Credit and Semester System(CUCSS)	
6	Participation of the department in the courses offered by other departments	B.Sc. Botany (Complementary course) B.Sc. Chemistry (Complementary course) All UG Courses (Open course: Nutrition, Health and Hygiene)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Conduct B.Voc. MLT course in association with Jubilee Mission Hospital, Aster Medicity and Polyclinic.	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	8	7
	Guest		1

10 Faculty profile						
SI No	Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. students guided
i	Dr. Britto Joseph K.	M.Sc., DHE, Ph.D.	Asso. Prof	Fishery Biology, Aquatic Biology, Cladoceran Embryology, Toxicology, Fishery Biology.	27	

ii	Dr. Francy K. Kakkassery	M.Sc., M.Phil., Ph.D.	Asso. Prof. and HOD Research Guide	Entomology, Aquatic Biology & Taxonomy.	23	3
iii	Dr. C. V. David	M.Sc., Ph. D.	Asso. Prof	Endocrinology, Embryology, Toxicology and fisheries (Aquaculture)	20	
iv	Dr. C.F. Binoy	M.Sc., Ph.D.	Asst. Prof. Research Guide	Entomology,	7	
v	Dr. Vimala K. John	M.Sc., B.Ed., Ph.D., Diploma in Nutrition and Wellness PDF	Asst. Prof.	General Zoology, Toxicology, Biochemistry, Physiology	5	
vi	Dr. Joyce Jose	M.Sc., B.Ed., Ph.D., PGDC A	Asst. Prof. Research Guide	Environmental Biology, Animal diversity in wetlands, forests and urban spaces, Applications of biostatistics in ecology.	3	
vii	Mr. Shaun Paul Adambukulam	M.Sc.	Asst. Prof.	Entomology, Odonata	2	
viii	Ms. Usha A. U.	M. Sc.	Guest Lecturer	Entomology	1	

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled by temporary faculty	
	Year	Percentage of classes
	2010-2011	22.5
	2011-2012	22.5
	2012-2013	9.6
	2013-2014	9.6
	2014-2015	9.6



13	Student-Teacher Ratio	UG: B.Sc. Zoology	32:1
		PG: M.Sc. Zoology	5:1
		B Voc Medical Laboratory Technology	19:1

14	Number of academic support staff (technical) and administrative staff	Lab assistants: 3
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15	Qualifications of teaching faculty with Ph.D/M.Phil/PG	
	Name	Qualification
	Dr.Britto Joseph K.	M.Sc., DHE, Ph.D.
	Dr.FrancyK. Kakkassery	M.Sc., M.Phil. Ph.D. (Research Guide)
	Dr. C.V.David	M.Sc., Ph.D
	Dr. C.F. Binoy	M.Sc., Ph.D. (Research Guide)
	Dr.Vimala K.John	M.Sc., B.Ed., Ph.D., Diploma in Nutrition and Wellness, PDF
	Dr. Joyce Jose	M.Sc., B.Ed., Ph.D., PGDCA, (Research Guide)
	Prof. Shaun Paul Adambukulam	M.Sc.
	Guest Faculty	
	Ms. Usha A. U.	M.Sc.

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Shaun Paul Adambukulam	UGC	4,10,000
		Dr. Britto Joseph K.	UGC	1,50,000
		Dr. C. F. Binoy	UGC	1,70,000
		Dr. Francy K. Kakkassery	UGC	1,60,000
		Dr. Francy K. Kakkassery	KSCSTE (student project)	7,500
		Dr. Francy K. Kakkassery	KSCSTE (student project)	6,000
		Dr. Joseph Louis Olakkengal (Retd.)	UGC	87000
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil		

18	Research Centre/ facility recognized by the University	<p>The department is the first recognized Research Centre of Calicut University of this College.</p> <p>Registration Number of research centre: No. GA (C1)/39076/71 dated 16-03-1974</p> <p>The Department is the only one in the college with post-doctoral researchers attached to it.</p>
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19 Publication details				
Sl. No	Authors	Year	Title of paper	Journal name Vol. & page numbers
In Journals				
1.	Ralf Britz, Francy Kakkassery & Rajeev Raghavan	2014	Osteology of <i>Kryptoglanisshajii</i> , a stygobitic catfish (Teleostei: Siluriformes) from Peninsular India with a diagnosis of the new family Kryptoglanidae.	Ichthyol. Explor. Freshwaters, Vol. 24, No. 3193-207
2.	Subramanian. K.A, Francy Kakkassery & Manoj V. Nair In: Molur, S., Smith, K.G., Daniel, B.A.& Darwall, W.R.T. (Compilers).	2011	The status & distribution of dragonflies & damselflies (Odonata) of the Western Ghats.	The Status & Distribution of Freshwater Biodiversity in The Western Ghats. Pages63-74. IUCN, Cambridge, UK & Zoo Outreach, Coimbatore, India
3.	Binoy C. F.	2015	Hymenopteran Parasitoids Associated With Some Important Stored Product Pests In Kerala, India.	International Journal of Science, Environment & Technology, Vol. 4, No 2, 509 – 513. (ISSN No 2277-3687)
4.	Binoy C. F., Mary Sruthy Wilson, Kiran V. Ollukkaran & Bini C.B.	2014	Foraging Pattern Of Insect Pollinators In <i>Pentaslanceolata</i> (Forssk.) Deflers&CatharanthusRoseus (L.) G. Don in Thrissur District, Kerala, India.	International Journal of Science, Environment & Technology, 3 (5): 1731-1737. (ISSN No 2277-3687)
5.	Binoy C.F. & George Mathew (Eds.), Mujeeb Rahman & Mary Anto Narendra Publishing House, New Delhi. Pp- 161-171.	2014	Distribution & community structure of butterflies in the Silent Valley National Park, Kerala, India	In. Forest Entomology: Emerging issues & dimensions.

6.	Binoy C.F., Rosni M.V. & K.A Karmaly	2013	Faunal composition, nesting behaviour & feeding habits of ants (Hymenoptera: Formicidae) in Peechi-Vazhani Wildlife Sanctuary, Kerala, India.	Scientia, 9 (1): 42-50. (ISSN : 0976 – 8289)
7.	Binoy C.F. & Benny P.A.	2013	Effect of habitat modification on biodiversity – A study with reference to insects in Thrissur District, Kerala, India.	Scientia, 9 (1): 51-57. (ISSN : 0976 – 8289)
8.	Revathy V.S. & Binoy C.F.	2010	Relative toxicity (LC50 & LT50) of some organophosphate insecticides used against the Rice bug, <i>Leptocoris aacuta</i> Thunb. (Hemiptera: Coreidae).	Entomon 35(1):65-68. (ISSN : 0377 – 9335)
9.	John K., Vimala	2012	Effect of endosulphan on Lactic dehydrogenase activities in the vital tissues of Swiss albino mice	IJPCBS Vol 2(3) 275-279 ISSN 2249-9504
10.	Usha A. U. & Vimala K. John	2015	A study on insect diversity of a selected area in Wadakkancherry (Thrissur) Kerala .	Journal of Zoological Studies Vol2(3) : 38-50 ISSN 2438- 5914.
11.	Joyce J., Roby, T.J., Ramachandran, K.K., & Nair, P.V.	2015	The state of <i>Myristica</i> swamp forests in Southern Western Ghats, India - Butterfly species richness as an indicator.	ISSN No. 0019-4816 (Print), ISSN No. 2321-094X (Online)
12.	Joyce J., Roby T.J., Ramachran, K.K., & Nair, P.V	2014	Species abundance distribution of selected communities in the <i>Myristica</i> swamp forest of southern Kerala.	Current Science. Vol.107, No.3, pp. 447-453. (ISSN. 0011-3891)
13.	Joyce J., Ramacharan, K.K, Roby T.J. & Nair, P.V.	2014	A preliminary checklist of amphibians in & around the <i>Myristica</i> swamp forests of Kulathupuzha, South Western Ghats.	Journal of Entomology & Zoology Studies, Vol.2 (1): pp.11-18. (ISSN 2320-7078)
14.	Roby T.J, Nair, P.V. & Joyce, J.	2014	GIS techniques for mapping highly fragmented ecosystems- A case study on the <i>Myristica</i> swamp forests of Southern Kerala, India,	Research Journal of Recent Sciences, Vol. 3(ISC-2013), pp.110-119. ISSN 2277-2502

15.	Roby T.J., Joyce, J. & Nair, P.V.	2014	Checklist of flora of <i>Myristica</i> Swamps – A critically endangered fresh water ecosystem of Southern Western Ghats of Kerala, India.	Indian Forester, 140 (6): pp. 608-616. ISSN No. 0019-4816 (Print), ISSN No. 2321-094X (Online)
16.	Roby T.J., Joyce J. & Nair, P.V.	2014	Conservation status of <i>Vateria indica</i> (Linn.) & prediction of potential habitat areas with emphasis on <i>Myristica</i> Swamps of Southern Western Ghats, India.	Research Journal of Chemical & Environmental Sciences. Vol 2 (1):pp. 60-71.(Online ISSN 2321-1040)
17.	Surabhi M. & Joyce J.	2014	Spider assemblages of Marthoma college campus, Thiruvalla, Pathanamthitta Dt., Kerala.	Scientia. Vol.10, No. 1, 144-154. ISSN : 0976 – 8289
18.	Roby, T.J., JoyceJ. & Nair, P.V.	2013	<i>Syzygium travancoricum</i> (Gamble) -a critically endangered & endemic tree from Kerala, India- threats, conservation & prediction of potential areas; with special emphasis on <i>Myristica</i> swamps as a prime habitat.	International Journal of Science, Environment & Technology. Vol. 2 (6): 1335-1352. ISSN 2278-3687 (O)
19.	Vishnu Priya, S., Joyce J. & Roby T.J.	2013	Meristic & morphometric analysis to delineate intra specific populations of fishes in different habitats - A case study on <i>Etroplus maculatus</i> in Kuttanad region.	Scientia, Vol.9, No. 1, 170-182. ISSN : 0976 - 8289
20.	Adambukulam S.P. & Kakkassery F.K.	2013	Taxonomic & diversity studies on odonate nymphs by using their exuviae.	Journal of Entomology & Zoology Studies: ISSN 2320-7078.1 (4).47-53
21.	Adambukulam S.P. & Kakkassery F.K.	2013	Taxonomic studies of the last instar nymph of <i>Lathrecista asiatica asiatica</i> (Fabricius 1798) (Family: Libellulidae, Order: Odonata) by using its Exuvia.	Journal of Entomology & Zoology Studies 1 (5):. 103-109 ISSN 2320-7078.
22.	Jose Kallarackal and Roby T.J.	2011	Responses of trees to elevated Carbon dioxide and climate change,	Biodiversity and Conservation. Vol.21, Issue.5, 1327-1342

23.	Somen C.K., Rakesh R.R. and Roby T.J.	2014	Distribution, Population Status and Conservation of <i>Inga cynometroides</i> (Bedd.) Bedd.ex Baker; a Critically Endangered Tree Species from Kerala part of Western Ghats, India,	Research Journal of Agriculture and Forestry Sciences, Vol. 2(4), 13-18.
24.	Mathew G., George, E and Anto M. (Eds.). V.P. Uniyal and AseemShrivastava	2011	Role of Butterfly gardens in promoting biodiversity conservation and ecotourism. In: Athropods and their conservation in India (Insects and Spiders)	ENVIS Bulletin: Wildlife and Protected Areas. Wildlife Institute of India, Dehradun. Printed in 2013 Vol.14 : 87-97.
25.	Rajmohana K. and Mary Anto.	2014	<i>Telenomousdilatus</i> sp.n. (Hymenoptera: Platygasteridae)- an egg parasitoid of swallowtail butterflies from South India.	Halteres, Volume 5,73-78. ISSN0973-1555 (Print) ISSN2348-7372(Online)
In Proceedings				
26.	Shancy Francis & Britto Joseph K.	2014	Sublethal Effect Of Cypermethrin In Muscle Protein Of Tilapia (<i>Oreochromismossambicus</i>)	Proceedings of the National Conference on Modern Trends in Zoological Research ISBN No. 978-81-909551-8-8, Department of Zoology, St.Aloysius College, Elthuruth 25-26 March 2014.
27.	Anila K. & Francy K. Kakkassery.	2015.	Studies on the prey preference of antlion larva (Family Myrmeleontidae) by analysing prey remnants in the pit.	In the Proceedings of the UGC sponsored National Seminar on Emerging Facets of Biological Sciences organized by the Department of Zoology, See Neelakanta Govt. Sanskrit College, Pattambi on 16th Dec 2015.
28.	Anila K. & Francy K.Kakkassery	2015	Studies on the soil texture preference of Antlion larvae Myrmeleon sp. (Order	In the Proceedings of the 6th National Level Paper Presentation

			Neuroptera, Family Myrmeleontidae)	Competition BioVision 2015 organized by the Department of Zoology, Mercy College, Palakkad on 9th Dec 2015.14
29.	Ambili V. & David C. V.	2015	The study of the life cycle of <i>Phymatostethadeschamps</i> with special reference to environmental factors in NattikaPanchayat, Thrissur.	In the proceedings of the National Seminar on Modern Trends in Molecular Systematics Organized by the Department of Zoology St. Thomas' College, Thrissur. (Sponsored by UGC, KSCSTE, KSBB, & DST) . 14
30.	Ambili V. & David C. V.	2015	A study of the life cycle and antimicrobial properties of <i>Phymatostethadeschamps</i> in NattikaPanchayat, Thrissur.	In the Proceedings of National Seminar on Biodiversity conservation: Trends and prospects Organized by the Department of Zoology, Christ College, Irinjalakuda. (Sponsored by KSCSTE & KSBB). 5
31.	Shamila V.A. & Binoy C.F.	2015	Insect Pollinators of Marigold, <i>Calendula officinalis</i> Linn. inThrissur District, Kerala.	In Proceedings (Abstracts) of the National Seminar on Modern Trends in Molecular Systematics, 10-11 september, 2015, Pg. 15
32.	Anu Jose & Binoy C.F.	2015	Insect Succession in Rotten Jack Fruit, <i>Artocarpusheterophyllus</i> Lam.	In Proceedings (Abstracts) of the National Seminar on Modern Trends in Molecular Systematics, 10-11 september, 2015, Pg. 16
33.	Shamila V.A. & Binoy C.F.	2015	<i>Insect Pollinators of Zinnia (Zinnia</i>	Proc. of National Seminar on

			<i>elegans</i> Jacq.) Inflorescence in Thrissur District, Kerala.	Biodiversity conservation: Trends and prospects. (Ed. Sudhikumar A. V.) Christ College Publishers, Kerala. 54-58. ISBN: 9788193050750.
34.	Binoy C. F. & Revathy V.S	2015	Evaluation of Relative Toxicity of some Organophosphate Insecticides against the Hairy Caterpillar, <i>Pericalliaricini</i> Fab. (<i>Lepidoptera: Arctiidae</i>),	in National Conference on Applied Mathematics, held at St. Thomas College (Autonomous), Thrissur in association with Kerala Mathematical Association, 27-28 February, 2015
35.	Binoy C.F., Mary Sruthy Wilson, Kiran V. Ollukkaran & Bini C.B.	2014	Insect Pollinators of <i>Pentaslanceolata</i> (<i>Forssk.</i>) Deflers and <i>Catharanthus roseus</i> (L.) G. Don in Thrissur District, Kerala.	In Proceedings of National seminar on 'Modern Trends in Zoological Research' conducted by Dept. of Zoology, St. Aloysius College, Elthuruth, 25-26 March 2014. ISBN No. 978-81- 909551-88
36.	Binoy C.F.	2013.	Insect Taxonomy and Classification: Past, Present and Future.	Proceedings of the Workshop on Insects' Taxonomy, March 15-16, Research & PG Dept. of Zoology, St. Thomas' College, Thrissur, Kerala. PP 1-19.
37.	Binoy C.F.	2011	Activity budget of the butterfly <i>Leptosianina</i> Fabricius (<i>Lepidoptera:</i> <i>Pieridae</i>)	in National Seminar on Harmful/Beneficial Insects of Agricultural Importance held at St. Joseph's College, Devagiri, on 17-18 February 2011.

38.	C.F. Binoy & George Mathew	2010	Effect of forest disturbance on rainforest butterflies: A case study from Silent Valley National Park, Kerala, India,	in National seminar on Tropical Ecosystems: Structure, Function and Services held at Institute of Forest Genetics and Tree Breeding, Coimbatore, on 28-29 December 2010.
39.	John Vimala K. & Roger Francis	2014	<i>Evaluation of wound healing activity of Coconut (Cocosnucifera) leaf petiole's tomentum on swiss albino mice</i>	Proc.UGC sponsored National Seminar New Frontiers in molecular biology 12-13 Dec Kothamangalam (ISBN 978-81-929102-0-8)
40.	Joyce J., Roby T.J., Ramachandran, K.K. & Nair, P.V.	2014	Invertebrate diversity of <i>Myristicaswamp</i> forests in Southern Kerala,	In: Invertebrates' systematics and biology. Eds. Shaju Thomas and Gigi K. Joseph, Nirmala Academic and Research Publications, Muvattupuzha. pp. 51-56. ISBN NO.978-81-929844-0-7.
41.	Saranya P.V & Joyce J.	2014	A preliminary checklist of spiders in Mezhatu region, Thrithala, Palakkad dt. Kerala,	Proc. National Conference on Modern Trends in Zoological Research, conducted by Department of Zoology, St. Aloysius College, ElthuruthPp -228-231. ISBN No. 978-81-909551-8-8.
42.	Mariya J. & Joyce J.	2014	A preliminary overview of butterfly assemblages in Thaikad and Chiranellur areas, Thrissur dt. Kerala.	Proc. National Conference on Modern Trends in Zoological Research, conducted by Department of Zoology, St. Aloysius College, Elthuruth. Pp -250-253. ISBN No.

				978-81-909551-8-8.
43.	Roby T.J., Joyce J., Nair, P.V. , & Ramachandran K.K.	2014	Diversity sampling in small, fragmented and unique ecosystems- a case study.	Proc. of National Seminar on 'Biodiversity Conservation – Trend and Need" (NSBC - 2014), March 5-7, 2014, St Thomas' College, Thrissur.
44.	Joyce J., Roby, T.J., Ramachandran, K.K. & Nair, P.V.	2013.	Invertebrate diversity of <i>Myristica</i> swamp forests in Southern Kerala,	Proc. National Seminar on Invertebrate Taxonomy- current trends and future prospects, 12-13 November, 2013. (National level seminar organized by Post graduate Department of Zoology, Nirmala College, Muvattupuzha, Kerala)
45.	Roby, T.J., Nair, P.V. & Joyce J.	2013.	GIS techniques for mapping highly fragmented ecosystems- A case study on the <i>Myristica</i> swamp forests of southern Kerala, India.	Proc. of IIIrd International Science Congress, Coimbatore, India, December 8-9, 2013. 28.
46.	Joyce J., Roby T.J., Ramachandran, K.K. & Nair, P.V.	2013	Butterfly diversity as an ecological indicator in a fragmented ecosystem, the <i>Myristica</i> swamp forests of southern Western Ghats.	Proc. Biological Conference 2013, March 11-13, 2013. 60. (National level conference organized by the department of Zoology, university of Calicut, Kerala, India).
47.	Roby T.J., Joyce J., Ramachandran, K.K. & Nair, P.V.	2013	Biophysical characterization of <i>Myristica</i> swamp forests in southern Kerala.	Proc. Biological Conference 2013, March 11-13, 2013. 65-66. (National level conference organized by the department of Zoology, University of Calicut, Kerala, India)
48.	Joyce J., Ramachandran, K.K,	2011	Species Abundance Distributions as A	In the Proceedings of National Seminar on

	Roby T.J. & Nair, P.V.		Diagnostic Tool For Ecological Studies- a Case Study.	Emerging Trends in Biodiversity, Conservation and Sustainable Management. August 25-26 2011.Organized by the Department of Zoology Christian College Chengannur (Sponsored by UGC, KSCSTE, KSBB) .20-29
49.	Adambukulam S.P. & Kakkassery F.K.	2014	Exuvia Collection: A tool for monitoring Dragonfly Population and Diversity.	In: Invertebrates' systematics and biology. Eds. Shaju Thomas and Gigi K. Joseph, Nirmala Academic and Research Publications, Muvattupuzha. ISBN.978-81-929844-0-7.
50.	Anson C. J. and Roby T. J.	2014	GIS Based Information system of Traditional Knowledge Linked GI Products of Kerala: Special focus on the Producer Sustainability of Aranmula Mirror, Kuthampully Saree and Pokkali Rice	Proceedings of 26th Kerala Science Congress, Pookode, Wayanad. 28-31 January 2014. 4201-4210
51.	Magesh G., Roby T.J. and A.R.R. Menon.	2010.	Bio resource quantification and mapping of the Western Ghats.	Proceedings of the 22th Kerala Science Congress, 29th -31st January 2010. 369-370.
52.	Somen C.K, Rakesh R.R. and Roby T.J.	2013.	Vegetative propagation of <i>Aporosabourdilloni</i> stapf. and <i>Inga cynometroides</i> (Bedd.) Bedd. Ex. Baker; two Rare, Endangered and threatened trees of Western Ghats.	National Seminar on Forestry and Agriculture. 7-8 November 2013 (organized by Kerala Forest Research Institute, Peechi, Kerala.)
53.	Somen C.K, Rakesh R.R. and Roby T.J.	2013	Distribution, Population Status and	Proceedings of IIIrd International Science

			Conservation of <i>Inga cynometroides</i> (Bedd.) Bedd.ex Baker; a Critically Endangered Tree Species from Kerala part of Western Ghats, India.	Congress, Coimbatore, India, December 8-9, 2013. 28. (Organized by International Science Congress Association).						
54.	Anto M. and Mathew, G.	2004.	Population monitoring of the Southern Birdwing butterfly, <i>Troidesminos</i> in the Peechi –Vazhani Wildlife Sanctuary.	In Proc. of the National Seminar-cum-Workshop on the Butterfly diversity of the Western Ghats, October 8-9, 2004 NSS College. Manjeri. pp 48-51.						
	A –Publication per faculty B-Number of papers published in peer reviewed journals (national / international)by faculty C- Number of publications listed in International Database D- Chapter in Books E-Books Edited F-Books with ISBN/ ISSN number with details of publishers G-Sessions chaired in national conferences H-Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
i	Dr. Francy K. Kakkassery	9	4	4	2				3	
ii	Dr. Britto Joseph K.	1							1	
iii	Dr. C. V. David	2							2	
iv	Dr. C. F. Binoy	16	6	5	2				8	
v	Dr. Vimala K. John	3	2	2				1	1	
vi	Dr. Joyce Jose	21	9	7	3				9	
vii	Mr. Shaun Paul Adambukulam	4	2	2	1				1	
viii	Ms. Usha A. U.	1	1	1						

20. Areas of Consultancy and income generated			
Areas of consultancy			Income generated
Name of faculty	Topic	Details	
Dr. Francy K. Kakkassery		Project Guide on Zooplankton Diversity of Lake Pookode, Wayanad., Indira Gandhi College of Arts and Science, Nellikuzhy, Kothamangalam	Nil
Dr. Britto Joseph K.		Project Guide MSc Zoology Project Guide on Coleopteran Diversity, Indira Gandhi College of Arts and Science, Nellikuzhy, Kothamangalam.	

Dr. C. F. Binoy	Identification	Insect Identification Service for the following colleges Nirmala College, Muvattupuzha S.N. College, Alathur St. Josephs College, Irinjalakuda	
Dr. Vimala K. John		Jemma Pius, B. Sc. Student, SH College, Thevara, Toxicity in molluscans, Commonwealth Fellowship - Student Project	
Dr. Joyce Jose		Assessor for Reptiles in Western Ghats Reptile Conservation Assessment and Management Plan (CAMP) 2011 Biostatistical support for the following: Tomy Francis, St. Aloysius College, Elthuruth, Ph.D. Thesis Swapna Johnny, L F College, Guruvayoor, Ph.D. Thesis Daly Dominic, St. Mary's College, Thrissur, Ph.D. Thesis Ms. Sindhu Raju, Titus II Teachers' Training College, Thiruvalla, M. Ed. Thesis	

21	Faculty as members in National Committees, International Committees etc.		
	Committees	Name of the faculty	Name of the committee
	National committees	---	---
	International Committees	---	---
	Editorial Board	Dr. Francy K. Kakkassery	(1) <i>Insect Science</i> , the official journal of the Entomological Society of China, published in English. (2) <i>The Chinese Journal of Ecology</i> the official journal of Chinese Society of Ecology, and published by Science Press
		Dr. Britto Joseph K.	(1) <i>Indian Journal of Aquatic Biology</i> ISSN: 0971-4235. IAAB, Hyderabad (2) <i>Hydrosphere</i> . IAAB. Hyderabad, Editorial board member
		Dr. C. F. Binoy	(1) <i>International Journal of Science, Environment and Technology</i> . (ISSN No 2277-3687).

22	Student projects		
	Percentage of students who have done in-house projects including inter departmental/programme	2010-2011	100%
		2011-2012	100%
		2012-2013	100%
		2013-2014	100%
		2014-2015	100 %
	Percentage of students placed for projects in organizations Outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2011	0
		2011-2012	0
		2012-2013	0
		2013-2014	0
		2014-2015	8.3%

23	Awards/Recognitions received by faculty and students				
	Name	Faculty/Student	Awards / Recognition	Awarding body	Year
	Ms. Anila K.	Research Scholar	Rajiv Gandhi National Fellowship for SC candidates	UGC	2015
	Dr. Roby T. J.	Research Scholar	Dr. K.M. Bhat Memorial Gold Medal for best upcoming researcher who has done Ph.D. at KFRI	KFRI	2015
	Dr. Vimala K. John	Faculty	Best Ph.D. Thesis Award in the last 60 years from St. Thomas' College Kozhencherry	St. Thomas' College Kozhencherry	2012
	Dr. Joyce Jose	Faculty	Dr. Chandrasekaran Memorial Gold Medal and Endowment Award 2010 For Excellent Research In Forest Management And Conservation In Kerala	KFRI &KSCSTE	2010

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Dr. George Mathew	Emeritus Scientist (KSCSTE) Rtd., Kerala Forest Research Institute, Peechi, Kerala	Insect Workshop	2013
	Dr Sumodan P K	Associate Professor, Govt. College, Madappilly	Insect Workshop	2013

Dr. Achuthan C. R .	Assistant Professor Amala Cancer Research Centre, Thrissur	National Science Day	2014
Dr. V.S.Vijayan	Former Director SACON, Coimbatore, Former Chairman, Kerala State Biodiversity Board	National Wetlands Day	2015
Dr. Nagendra Prabhu	Associate Professor ,S. D. College,Allappuzha	National Science Day	2015
Dr. Jayson E. A.	HOD, Dept of Wildife, KFRI .Peechi	Board of studies meetings	2015, 2016
Dr. Jose Kallarackal	Emeritus Scientist (KSCSTE) Rtd. from Kerala Forest Research Institute Peechi, Kerala	National Science Day Celebrations	2014
Dr. Krishnakumar N. Menon,	Associate Professor, Centre for Nanosciences and Molecular Medicine, Amrita University	Seminar on Nanoscience and Molecular Medicine	2015
Dr. S.D. Biju	Professor , Delhi University	National Seminar on Modern Trends in Molecular Systematics	2015
Dr. Ullasa Kondaramaiah, Trivandrum	Assistant Professor, IISER, TVM	National Seminar on Modern Trends in Molecular Systematics	2015
Dr. Neelesh Dhanaukar	DST-Inspire faculty fellow, IISER Pune	National Seminar on Modern Trends in Molecular Systematics	2015
Mr. Jedy Jose Sr.	Technical Officer CCMB Hyderabad	National Seminar on Modern Trends in Molecular Systematics	2015
Mr. Thomas John	Clinical Scientist Dubai Blood Donation Centre	One Day Awareness Programme on Hepatitis	2015
Dr. Kurien E. K.	Special Officer and Head of the Institution ACCER KAU	Ozone Day Celebrations - 2015	2015



25	Seminars/Conferences/Workshops organized & the source of funding			
	No	Programme	Source of funding	Fund received (Rs)
	i	Workshop on Insect Taxonomy 15 th & 16th March 2013	IQAC	10,000
	ii	Prof. P. L. Yesudasan Day 18th Feb 2014	Contribution by Staff and family Members of Prof.P. L. Yesudasan	3,000
	iii	National Science Day Celebrations "Science & Society" On 28th February 2014	KSCSTE	20,000
	iv	One Day Awareness Programme for Women - Clean Water, Health Care and Sanitation Technologies	KSCSTE & IQAC	33,000
	v	Vector Borne Diseases seminar in the Anti-Malarial Month-July, 30 th July -2014	District Medical Office-health	5,000
	vi	Ozone Day Celebrations -2014	KSCSTE	20,000
	vii	Refresher programme for Higher Secondary School Teachers	Zoology Higher Secondary Teachers Association	5,000
	viii	World Wetland celebrations On 2nd February 2015	KSCSTE & IQAC	20,000
	ix	Prof. P.L. Yesudasan Memorial Lecture Series-2 "An Introduction to Forensic Science"	Contribution by Staff and family Members of Prof .P L. Yesudasan	3,000
	x	Seminar on Nanoscience and Molecular Medicine	Contribution by Staff	3,000
	xi	National Science Day Celebrations on 28th February 2015	KSCSTE & IQAC	20,000
	xii	Butterfly Workshop for School Students	UGC	15,000
	xiii	National Seminar on Modern Trends in Molecular Systematics	UGC, DST, KSCSTE, KSBB	1,63,000
	xiv	One Day Awareness Programme on Hepatitis	UGC - B Voc	6,000
	xv	Ozone Day Celebrations -2015	KSCSTE	20,000

26	Student profile programme/course wise						
	Name of course/programme		Applications received	Selected	Enrolled		Pass %
					Male	Female	
B.Sc.		2010-11	891	31	8	23	93
		2011-12	1168	34	12	22	82
		2012-13	1514	34	9	25	93
		2013-14	CAP	32	12	20	76

		2014-15	CAP				88
	M.Sc.	2010-11	201	12	3	9	100
		2011-12	CAP	12	1	11	100
		2012-13	CAP	12	0	12	75
		2013-14	198	12	2	10	100
		2014-15	188	12	2	10	100

27	Diversity of students						
	Year	B.Sc.			M.Sc.		
		% of the students			% of the students		
		From the same state	From other states	From abroad	From the same state	From other states	From abroad
	2010-2011	100	0	0	100	0	0
	2011-2012	97	3	0	100	0	0
	2012-2013	100	0	0	100	0	0
	2013-2014	100	0	0	100	0	0
	2014-2015	100	0	0	100	0	0

28	Students have cleared national and state competitive examinations		
	Year	Examination passed	No. of students
	2010-2011	CSIR UGC NET	2
	2011-2012	CSIR UGC NET	1
	2012-2013	CSIR UGC NET	1
	2013-2014	CSIR UGC NET	1

29	Student progression	Number of students				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	6	8	10	9	12
	PG to MPhil	0	0	0	0	0
	PG to PhD	1	0	1	1	2
	Ph.D. to Post-Doctoral					1
	Employed Campus selection / Other than campus recruitment	0	3	6	5	6
	Entrepreneurship/Self-employment	25	22	25	14	0

30	Details of Infrastructural facilities	
	Library	1. Five print and eight online journals. 2. Approximately 3500 books related to the

		subject in the Library 3. Department Book Bank formed by the contributions of staff and students
	Internet facilities for Staff & Students	1. Eight Desktop Computer systems and Two Laptop Systems 2. Two Printers 3. Protected Wi Fi Internet Connection during Working Hours 4. Computer Laboratory with 10 thin client computers. 5. Cannon 4720w printer. 6. Beacon 3 kv ups with 4 battery back up
	Class rooms with ICT facility	Four (I M.Sc. Class, III DC Laboratory, II M.Sc. Class, Computer Laboratory)
	Laboratories	1. I M.Sc. Laboratory cum Class 2. II M.Sc. Laboratory cum Class 3. III B.Sc. Laboratory 4. Subsidiary Laboratory cum Class room 5. Computer Laboratory with internet 6. DST-FIST Laboratory.

31	Number of students receiving financial assistance from college, university, government to other agencies		
	Year	Funding agencies	No. of students
	2010-11	Government of Kerala*	8*
	2011-12	Government of Kerala*	10*
	2012-13	Government of Kerala*	11*
	2013-14	Government of Kerala*+ KSCSTE@ +KSHEC#	10*+1@+1#
	2014-15	Government of Kerala*+ KSCSTE@ +KSHEC#	12*+1@+1#

32	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts		
	Year	Resource person	Programme
	2013	Dr. George Mathew Emeritus Scientist (KSCSTE) Rtd. Kerala Forest Research Institute, Peechi, Kerala	Insect Workshop
	2013	Dr. Sumodan P. K. Associate Professor,	Insect Workshop
	2014	Dr. Achuthan C. R. Assistant Professor Amala Cancer Research Centre, Thrissur	National Science Day
	2014	Dr. Jose Kallarackal Emeritus Scientist (KSCSTE) Rtd. from Kerala Forest Research Institute	National Science Day Celebrations

		Peechi, Kerala	
	2015	Dr.V. S.Vijayan Former Director SACON, Coimbatore, Former Chairman, Kerala State Biodiversity Board	National Wetlands Day
	2015	Dr. Nagendra Prabhu Associate Professor, SD College, Allappuzha	National Science Day
	2015	Dr. Krishnakumar N. Menon, Associate Professor, Centre for Nanosciences and Molecular Medicine, Amrita University	Seminar on Nanoscience and Molecular Medicine
	2015	Dr. S. D. Biju Professor, Delhi University	National Seminar on Modern Trends in Molecular Systematics
	2015	Dr. Ullasa Kondaramaiah, Trivandrum Assistant Professor, IISER, TVM	National Seminar on Modern Trends in Molecular Systematics
	2015	Dr. Neelesh Dhanaukar DST-Inspire faculty fellow, IISER Pune	National Seminar on Modern Trends in Molecular Systematics
	2015	Mr. Jedy Jose Sr. Technical Officer CCMB Hyderabad	National Seminar on Modern Trends in Molecular Systematics
	2015	Mr. Thomas John Clinical Scientist Dubai Blood Donation Centre	One Day Awareness Programme on Hepatitis
	2015	Dr. Kurien E K Special Officer and Head of the Institution ACCER KAU	Ozone Day Celebrations - 2015

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Lecture methods and interactive sessions. • Teaching using powerpoint presentations, Videos and other ICT enabled methods • Student projects, field study, laboratory experiments, seminars and assignments • Student participation and involvement in organizing academic programmes • Participation in subject related competitions like quiz and debates • Classes by eminent experts • Encourage participation of students in subject related conferences and workshops.

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	<ul style="list-style-type: none"> • The students and teachers of the department regularly visit Vellakarithadam, a village in Thrissur district. The department conducted a One Day Awareness Programme for Women, "Clean Water, Health Care and Sanitation Technologies" on the 4th April 2014 under the Convener: Dr.C.F. Binoy. • Members of the faculty conduct classes at St. Anne's School and attached

	<p>Orphanage, West Fort, Thrissur as part of San Thome Social Assistance Programme, St. Thomas College, Thrissur</p> <ul style="list-style-type: none"> • Conducted Refresher course for Higher Secondary school teachers in 2014-15. • Many members of the faculty were Master Trainers for census 2010-12. • Extension lectures by faculty on biodiversity and various other topics. • Teachers of the Department are involved in UGC NET coaching.
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35	SWOC analysis of the department and Future plans
	<p style="text-align: center;">Strength</p> <ul style="list-style-type: none"> • Active research department with two post-doctoral students and four Ph.D. scholars; of which three represent marginalised community of society. • Four Research guides (one retired) • All the faculty except one has doctoral degrees and the remaining faculty is pursuing the doctoral degree. • Students have increased aptitude and interest in the subject. • Timely conduct of examinations and declaration of results • Transparent internal evaluation • Well qualified and committed teaching faculty with different specialisation. • Classrooms and Laboratories with ICT enabled teaching aids • Improved laboratory facilities supported by DST-FIST grant.
	<p style="text-align: center;">Weakness</p> <ul style="list-style-type: none"> • No entomology museum/specimen repository • No animal house
	<p style="text-align: center;">Opportunity</p> <ul style="list-style-type: none"> • Many funds are available which can be applied to increase the infrastructure and facilities in the department • Seeking collaboration with institutions of good repute • Increasing the research profile of the department by applying for more projects and publishing papers in journals of repute. • Encourage student and faculty exchange programmes with national and international academic institutions
	<p style="text-align: center;">Challenges</p> <ul style="list-style-type: none"> • Lack of funds and space • Inability to generate funds from consultancy because most of the beneficiaries are economically backward scholars
	<p style="text-align: center;">Future plans</p> <ul style="list-style-type: none"> • To encourage research in the Centre for Molecular Systemics to promote Taxonomic and Phylogentic research. • To increase our infrastructural facilities with the help of various funding agencies. • To applied for KSCSTE-SARD fund and various KSCSTE and UGC research projects • To develop an Entomology Museum in our department

DEPARTMENT OF PHYSICAL EDUCATION

1	Name of the Department	Physical Education			
2	Year of Establishment	1929			
3	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D.)	Open course			
4	Names of Interdisciplinary courses and the departments/ units involved	Nil			
5	Annual/semester/choice based credit system (programmewise)	Nil			
6	Participation of the department in the courses offered by other departments	Open course			
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil			
8	Details of courses/ programmes discontinued	Nil			
9	Number of Teaching posts		Sanctioned	Filled	
		Regular	02	02	
		Guest	--	--	
10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
1	Dr. Sebi Jose	M P.Ed, PhD	Associate Professor	Athletics Physical Education – stepping stone to spiritual Transformation through Physical Fitness	27 years
2	Dr. Toy C. T.	M.P.Ed. M.Phil. PhD	Assistant Professor	Football Exercise Physiology	7 Years
11	List of senior visiting faculty		Nil		
12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty Nil				
13	Student-Teacher Ratio (programme wise)				
14	Number of academic support staff (technical) and administrative staff		One		
15	Qualifications of teaching faculty with Ph.D/MPhil/PG				
	Name		Qualification		
	Dr. Sebi Jose		M P. Ed, PhD		
	Dr.Toy.C.T		M.P.Ed, M.Phil. PhD		

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received		Nil						
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil							
18	Research Centre/ facility recognized by the University	Nil							
19	Publication details								
No	Title	Journal	Vol .	Year	National/International	ISSN/ ISBN			
1	Dr. Toy C. T. Job satisfaction in relation to mental health Among B.Ed. Training college Physical Education teachers	Misbah	4	2011	National	ISSN 0976-2523			
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index								
	Name of faculty	A	B	C	D	E	F	G	H
	Dr Toy C T	1	1						
20	Areas of Consultancy	Income Generated							
	Sports Academy	Yes							
21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil							
22	Student projects: NA								
23	Awards/Recognitions received by faculty and students: NA								
24	List of eminent academicians and scientists/visitors to the department: NA								
25	Seminars/Conferences/Workshops organized & the source of funding: NA								
26	Student profile programme/coursewise: NA								

27	Diversity of students : NA	
28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc. : NA	
29	Student progression	Against % enrolled
30	Details of Infrastructural facilities: Indoor Stadium with Badminton Court, Outdoor Stadium with 8 lane track, Fitness Centre, Jumping Pits, Basket Ball Courts, Cricket Pitch and Practice Net.	
31	Number of students receiving financial assistance from college, university, government or other agencies: NA	

**POST GRADUATE DEPARTMENT OF
COMPUTER APPLICATION (SELF FINANCING)**

1	Name of the Department	Post Graduate Department of Computer Application	
2	Year of Establishment	2001	
3	Names of Programmes/ Courses offered	UG: BCA PG: M.Sc. Computer Science	
4	Names of Inter disciplinary courses and the departments/units involved	Course	Dept involved
		Open Course	All
5	Annual/semester/choice based credit system	BCA – Choice Based Credit Semester System MSc. Computer Science – Credit Semester System	
6	Participation of the department in the courses offered by other departments	Open Course of all Departments	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/programme discontinued with reasons	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	7 (SF)	7 (SF)
	Guest	0	0

10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
i.	Ms. Bindhia K.F.	MCA	HOD	Computer Science	12
ii.	Ms. Teena Jose	MCA	Asst. Prof.	Computer Science	8
iii.	Ms. Jisha K.	M Sc	”	Computer Science	4
iv.	Ms. Mary Jolve	MCA	”	Computer Science	3
v.	Mr. Jeswin Saju	MCA	”	Computer Science	2
vi.	Mr. Prinson P.T.	M Sc	”	Computer Science	2
vii.	Mr. Franklin John	M Sc	”	Computer Science	1
11	List of senior visiting faculty			Nil	

12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil		
13	Student-Teacher Ratio	UG: BCA	32:1
		PG: M.Sc Computer Science	5:1

14	Number of academic support staff (technical) and administrative staff	One
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15	Qualifications of teaching faculty with Ph.D/ MPhil/ PG	
	Name	Qualification
	Ms. Bindhia K.F.	MCA
	Ms. Teena Jose	MCA
	Mr. Jeswin Saju	MCA
	Mr. Prinson P.T.	M Sc.
	Mr. Franklin John	M Sc.
	Ms. Jisha K.	M Sc.
	Ms. Mary Jolve	MCA

16	Number of faculty with ongoing projects from a) National, b) International funding agencies and grants received:	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Mary Jolve	UGC	2,50,000

17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR	Nil
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18	Research Centre/facility recognized by the University	Nil
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19	Publication details					
No	Title	Journal	Vol	Year	National /International	ISSN/ ISBN
	Prinson P.T. & Jeswin Saju					
I	DLL-Based clock generator for an energy cognizant EISC Processor for frequency scaling	Vidyawarta	5:7	2014	National	ISSN: 2319-9318
	Bindhia K. F.					
ii	Data mining Customer relationship management literature review classification	IFRSA	2(1)	2012	International	ISSN: 2249-5452
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers					

	G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
i	Bindhia K. F.	1					1			
ii	Jeswin Saju	1					1			
iii	Prinson P. T.	1					1			

20	Areas of consultancy and income generated	Nil
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21	Faculty as members in:	
	a) National committees	Nil
	b) International Committees	Nil
	c) Editorial Boards	Nil

22	Student projects			
Percentage of students who have done in-house projects including interdepartmental/programme/		Year	UG	PG
		2010-11	100%	100%
		2011-12	100%	100%
		2012-13	100%	100%
		2013-14	-	-
		2014-15	-	-
Percentage of students placed for projects in organizations, Outside the institution i.e. in Research laboratories/Industry/other agencies:		Year	UG	PG
		2010-11	-	-
		2011-12	-	-
		2012-13	-	-
		2013-14	100%	100%
		2014-15	100%	100%

23	Awards/ Recognitions received by faculty and students: Nil			
24	List of eminent academicians and scientists/visitors to the department:			
	Name	Designation	Context	Year
	Alphonse Joseph	Singer	Exodus IT program	2010
	Malavika Wales	Actor	Annual Day	2010
	Anoop Anthikad	Film maker	Seminar on film making	2012
	Sanoop Thomas	Security analyst at Institute of information security	Seminar on Hacking and security issues	2012
	Ambili	Short film maker	Short film fest	2013
	M. G. Sasi	Short film maker	Short film fest	2013
	Fr. Jomon Murigathery	Vicar, Quiz condutor	IT quiz	2013

25	Seminars/Conferences/ Workshops organized & the source of funding			
	Sl. No.	Programme	Source of funding	Fund received (Rs)
	i	Short film fest	From sponsorship	1,00,000
	ii	IT competition	From sponsorship	50,000

26	Student profile programme /course wise						
	Name of course/programme		Applications received	Selected	Enrolled		Pass %
					Male	Female	
	BCA	2012 - 13	100	23	09	14	90
		2013 - 14	CAP	30	17	13	NA
		2014 - 15	CAP	34	13	21	NA
	MSc CS	2010-11	100	9	0	9	100
		2011-12	CAP	11	0	11	100
		2012-13	CAP	12	3	9	75
		2013-14	75	11	0	11	100
2014-15		29	12	0	12	100	

27	Diversity of students				
	Name of the course		Percentage of the students		
			From same state	From other states	From abroad
	Year	Course			
	2014	BCA	100%	Nil	Nil
	2014	M.Sc. CS	100%	Nil	Nil

28	Students have cleared national and state competitive examinations such as NET, SLET, GATE , Civil Services, Defence services, etc.: Nil
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29	Student Progression	2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG	-	-	-	18	-
	Employed Campus selection / other than campus recruitment	18	18	18	18	4
	Entrepreneurship / Self employment	-	-	0	0	19

30	Details of Infrastructural facilities	
	Library	College Library
	Internet facilities for Staff & Students	Internet facilities available staff and PG students
	Classrooms with ICT facility	1 projector for the department
	Laboratories	UG Computer lab: 1 (36 +1 systems) PG Computer lab: 1 (12+1 systems)

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding Agency	No. of students
	2014-15	Post matric scholarship	2

32	Details on student enrichment programmes (Special lectures/ Workshops /seminar)with external experts		
	Year	Resource person	Programme
	2010	Prasanth	Career development and opportunities
	2011	Sajeev	Soft skill development
	2011	Prasanth	Career development
	2012	Sanoop Thomas	Seminar on hacking
	2012	Anoop Sathyan Anthikad	Seminar on film making
	2013	M G Sasi, Ambili	To develop multimedia applications
	2014	Finny	Microsoft certification course guidance Seminar on networking security
	2015	Finny	Placement orientation programs

33	Teaching methods adopted to improve student learning	
	<ul style="list-style-type: none"> • Modern teaching methods are practiced, use of ICT in teaching-learning and individual care and counselling given to students • Conduct seminars and workshops on additional topics and technologies. • After 3.30 pm faculty members give additional attention to those who are weak in particular subject. • To motivate the students, we exhibit the top scorers list in notice board and additional materials and textbooks are given to students. • A day is being allotted for each student in which their personal details, academic details, the progress in their studies are also evaluated. • Teachers take initiative to use the expertise of professionals from other institutions and arrange orientation and talks on the practical 	

	<p>application of the subject.</p> <ul style="list-style-type: none"> • Term wise PTA meeting is made compulsory for the parents. • We conduct monthly department meetings. • Class-in-charges have special duties to monitor their students through diary system • Teachers enter data book details to know each student's performance • A log book to inform student absence in class to parents is maintained.
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34	Participation in institutional social responsibility (ISR) and extension activities: Nil
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35	SWOC analysis of the department and future plans:
	Strength
	<ul style="list-style-type: none"> • The students are studying the most advanced technology used in every domain • Alumni Association • Networked Air Conditioned Lab Facility for P.G and U.G with 54 systems LAN connected with internet facility • Seminar Hall with L.C.D Projector. • Server Systems and Efficient Printers • Internal Book Bank Facility • Online reference materials
	Weakness
	<ul style="list-style-type: none"> • Less number of research materials generated by the department
	Opportunities
	<ul style="list-style-type: none"> • Opportunities in the software companies • Software testing and engineering opportunities • System Administrator • Technical opportunities • Research area • Industrial Visits • PG projects in collaboration with industries
	Challenges
	<ul style="list-style-type: none"> • Keep up the pass percentage when the entry level competency is very low
	Future Plans
	<ul style="list-style-type: none"> • Applying for major projects • Start a PG programme • Beginning additional courses in programming • Developing a project centre • Conduct seminars, conferences and workshops

**POST GRADUATE DEPARTMENT OF
SOCIAL WORK (SELF FINANCING)**

1	Name of the Department	Post Graduate Department of Social Work		
2	Year of Establishment	2002		
3	Names of Programmes/ Courses offered(UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG: Master of Social Work		
4	Names of Interdisciplinary courses and the departments/ units involved	Nil		
5	Annual/semester/choice based credit system(programme wise)	Master of Social Work		
6	Participation of the department in the courses offered by other departments	Nil		
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil		
8	Details of courses/ programmes discontinued	Nil		
9	Number of Teaching posts	Sanctioned	Filled	
	Regular	5	5	
	Guest	0	0	

10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
i	Fr. Baiju Chakkery	MSW	HOD	Rural and Urban Community Development	13
ii	Mrs. Seema Sunny	MSW	Asst. Professor	Medical and Psychiatric Social Work	10
iii	Mr. Lims Thomas	MSW	Asst. Professor	Medical and Psychiatric Social Work	3
iv	Mr. Jijo Kuruvila	MSW	Asst. Professor	Rural and Urban Community Development	1
v	Mrs. Villi Varghese	MSW, LL.B	Asst. Professor	Medical and Psychiatric Social Work	1

11	List of senior visiting faculty			
	Name	Qualification	Subjects	Years of experience
	Dr. Jaya Cherian Associate Professor, Vimala College	MSW, Ph.D	Specialization orientation, Research	16
	Dr. Jose Antony Associate Professor, Dept. of Social Work, SSUS, Kalady	MSW, Ph.D	Induction training, Research, Social Analysis	16
	Mrs.Alphonsa Peter	MA in Gandhian studies	Gandhian Philosophy of Community Development	10
	Dr.Asha P. Rao Associate Professor, Vimala College, Thrissur	MSW, LL B, Ph.D	Social Work Research, Defence Viva	15
	Dr. Nice Mary Francis P Assistant Professor, Prajyoti Niketan College, Pudukad	MA, Ph.D	Research	10
	Mrs.Saji Jose Nellissery, Assistant Professor, St. Joseph's College, Irinjalakuda	MSW	Defence Viva, Research Methodology	10
	Dr.Minimol K. Jose, Assistant Professor, Vimala College, Thrissur	MSW, Ph.D	Field Work Reporting	16

	Mr. Lims Thomas	MSW
	Mr. Jijo Kuruvila	MSW
	Mrs. Villi Varghese	MSW, LLB

16	Number of faculty with ongoing projects from a) National b)International funding agencies and grants received:	Nil
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17	Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	NA
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19	Publication details					
No	Title	Journal	Vol.	Year	National/ Internati onal	ISSN/ ISBN
Lims Thomas						
1	Job Satisfaction of Social Workers working in the field of Child Welfare	Fortis	4	2014	National	ISSN :2320-6985
2	Social inclusion of rural women through Self Help groups: A case of Thiruvananthapuram District	Journal of Social Work and Development Issues	3	2014	Internatio nal	ISSN : 2279-0411
3	Implementation of National Food Security Mission : A Kerala Experience	Humanities and Social Science Studies	4	2015	National	ISSN : 2319-829X
4	Social Action : Is a Method to teach & Practice	International Academic Journal of Research	2	2015	Internatio nal	ISSN: 2348-7070
5	Internally Displaced Persons in a Post Conflict Country : An Overview	Development, Displacement and Marginalization (Eds)	-	2014	National	ISBN: 978-93-5126-733-1
6	Adolescent Health of Higher Secondary Schools in Ernakulam District	Adolescent Health : A Transdisciplinary approach	-	2015	National	ISBN : 978 – 93-83281-51-0

7	Quality of Life of Institutionalized dementia patients	Issues & Concerns of Elderly People in India	-	2015	National	ISBN :978 – 93-83281-51-0				
8	Community Mobilization for Livelihood: Insights from Community Forestry in Nepal	Proceedings of Dyuti’14 National Conference	-	2014	National	ISBN – 978-93-84743-21-5				
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Lims Thomas	8	8	2	4	--	--	--	8	

20	Areas of consultancy and income generated	
	Areas of Consultancy	Income Generated
	1. Conducted a Roadshow on the various services offered by AWARD, Chalakkudy 2. Subject Expert in the panel for Recruitment of Staff for MKSP of Govt.of Kerala 3. Member of Interview Board for Kudumbasree District Mission, Thrissur 4. Research Consultation meeting organized by Dept.of Social Work Vimala College 5. Conducted Street Play on pedestrian rights supported by ESAF 6. Conducted Street Play on awareness creation on Breast Cancer supported by Amala Institute of Medical Science, Thrissur 7. Subject Expert – NRLM Interview Panel 8. Rajiv AawaasYojana – Consultation meeting , Thrissur Corporation 9. Conducted Street Play on Healthy Lifestyle at Chelakkara supported by Santhwanam, Thrissur 10. Question paper setter- DISTRICT CHILD PROTECTION UNIT 11. Discussion – Akashavani about adolescent girls' issues	The department offers mostly academic/honorary consultations

	12. Monitoring the Implementation of RTE Act, Survey in School by Kerala State Commission for Protection of Child Rights, Trivandrum	
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	
	Fr. Baiju Chakkery	Former President, Indian Institute of Christian Studies (Sponsoring agency of Christian Chair, University of Calicut) Kerala Association of Professional Social Workers
	Mrs. Seema Sunny	Life Member- National Association of Professional Social Workers of India (NAPSWI)
	Mr. Lims Thomas	Life Member- Indian Council of Social Welfare Life Member- Kerala Association of Professional Social Workers

22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010-2015	100%
	Percentage of students placed for projects in organizations Outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	100%

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
	Ms. Binitha Baby	Student	Recognition for doing Social Work Research on Community Policing	Thrissur East Police Station	2010
	Mr. Samuel P. George	Student	Selected for Best Social Work Research (top 3)	ICSW	2011
	Ms. Anu Clement	Student	Best Social Worker	De Novo by De Paul Institute of Social Sciences	2011
	Mr. Shafeeq K.Y.	Student	Mimicry	University level, State level	2011
	Mr. Allwin	Student	Archery	University of Calicut	2011

	Ms. Leema Paulson & Team	Student	IIIrd prize in Folk Dance	Rendezvous – All Kerala Social Work students Meet at LISSAH College, Kaithapoyil	2010
	Ms. Suhara R. H.	Student	IIInd prize in Debate	Rendezvous-2011 All Kerala Social Work students Meet at B C M College, Kottayam	2011
	Ms. Praseetha P. S. & team	Student	Ist prize in Street Play	Rendezvous-2011 All Kerala Social Work students Meet at B C M College, Kottayam	2011
	Mr. Jino T.D.	Student	Selected for Best Social Work Research(top 3)	ICSW	2013
	Mr. Gipson C. Jose and Ms. Ashitha T. A.	Student	IIIrd prize in Best Social Work Team	Rendezvous-2012 All Kerala Social Work students Meet at Rajagiri College of Social Sciences	2012
	Ms. Vidya K. and Ms. Bhagyalakshmi	Student	Ist prize in Quiz competition	Alzheimer's Day observation at Rajah Hospital, Muthuvattur	2014
	Ms. Vidya K.	Student	Ist prize in Essay Writing	Alzheimer's Day observation at Rajah Hospital, Muthuvattur	2014
	Ms. Jincy Jose and Ms. Jaify Jaison	Student	Ist prize in Quiz	Tharangam	
	Mr. Elston T. S. and team	Student	IIInd prize in Wall Magazine	ESAF-Carfree Day	2014
	Ms. Betty Thomas and team	Student	II- Street Play	ESAF-Carfree Day	2015
	Ms. Anju P.	Student	IIInd prize in Collage	World Mental	2015

	Antony and Ms. Elston T. S.			Health Day at Rajah Hospital, Muthuvattur	
	Ms. Midhun Jennies	Student	Ind prize in Elocution, Essay writing	World Mental Health Day at Rajah Hospital, Muthuvattur	2015
	Ms. Anjana Menon	Student	Ist prize in Elocution	World Mental Health Day at Rajah Hospital, Muthuvattur	2015
	Ms. Reshma Paul and Ms. Leniya P. L.	Student	First Prize in Quiz competition	World Mental Health Day at Rajah Hospital, Muthuvattur	2015
	Ms. Alda Theres Thomas and Ms. Jisna Mary N. S.	Student	First Prize in Scientific Poster presentation	CATALYSIS '16, National Level Social Work Student Meet organized by Rajagiri College of Social Sciences, Kalamassery	2016
	Ms. Jincy Jose and Ms. Jaify Jaison	Student	Second Prize in Quiz competition	CATALYSIS '16, National Level Social Work Student Meet organized by Rajagiri College of Social Sciences, Kalamassery	2016
	Mr. Midhun Jennis and Mr. Benson T. Benny	Student	Second Prize in Live Documentary	CATALYSIS '16, National Level Social Work Student Meet organized by Rajagiri College of Social Sciences,	2016

				Kalamassery	
	Ms. Reshma Paul and Mr. Abeesh Antony	Student	Paper Presentation	DYUTI- National Conference on CSR and Children organized by Rajagiri College of Social Sciences, Kalamassery	2016
	Ms. Betty Thomas & Ms. Anju P. Antony	Student	Paper Presentation	DYUTI- National Conference on CSR and Children organized by Rajagiri College of Social Sciences, Kalamassery	2016

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Sr. Gildas	Project Coordinator, AVARD Bhavan, Chalakudy	Fieldwork Viva	2010
	Mr. Jineshlal	District Coordinator, Rajagiri OUTREACH, Thrissur	Orientation and Field work	2010
	Mr. Joffer Correia	ICSW, Kalamassery	Orientation	2010
	Mr. Sunil Kumar	Asst. Professor, School of Drama, Aranattukara	Street Play Workshop	2010
	Ms. Rajyasree	Mental Health Centre, Thrissur	Workshop on Puppetry	2010
	Mr. P. O. George	CWC Member, Thrissur	Child Rights, Discussion on programme for child friendly schools	2010
	Dr. Jose Antony	Associate Professor, Dept. Of Social Work, SSUS, Kalady	Induction training, Research, Social Analysis	2010, 2011, 2012, 2013
	Rev. Dr. M. K. George	Director, Indian Social Institute, Bangalore	State level workshop on social Analysis	2011

Mr. Saju Paracka	South Asian Research Coordinator, Butterflies, New Delhi	Participatory Project Planning and Management and SPSS training	2011, 2012, 2013, 2014, 2015
Mr. Sandeep K. G.	Research Associate, CRC, KILA, M.G Kavu	Induction training	2012
Dr. Sandhya E.	Associate Professor, Prajyoti Niketan College, Pudukad	Seminar on statistics in Social Work Research	2012
Dr. Sonny Jose	Associate Professor, Loyola College of Social Sciences, Thiruvananthapuram	National Seminar on Life Skills	2013
Dr. Renjith R. Pillai	Assistant Professor, Amrita Institute of Medical Sciences, Kollam.	National Seminar on Life Skills	2013
Dr. Anish K.R.	Assistant Professor, Rajagiri College of Social Sciences, Kalamassery	National Seminar on Life Skills	2013
Dr. Seema P. Uthaman	Asst. Professor, IMHANS, Kozhikode	National Seminar on Life Skills	2013
Dr. Divya Ramkumar (Dermatologist)	Dermatologist, Sun Medical Centre, Thrissur	Class on Health hazards of Cosmetics	2014
Dr. Cherain P. Kurien	Director, School of Social Work, Marian College, Kuttikkanam	Consultation Meeting of Kerala Association of Professional Social Workers	2014
Dr. Ipe Varghese	HOD, Department of Social Work, BCM College, Kottayam	Consultation Meeting of Kerala Association of Professional Social Workers	2014
Fr. Prasanth Palakkapillil	Principal, Sacred Heart College, Thevara, Ernakulam	Consultation Meeting of Kerala Association of Professional Social Workers	2014
Mrs. Anu Clement	Programme Manager, ASAP, Kollam	Orientation on ASAP	2015

	Dr. Minimol K. Jose	Assistant Professor, Vimala College, Thrissur	Field Work Reporting	2015
	Dr. Benny Joseph	CEO, jubilee Mission Medical College, Thrissur	National Seminar on CSR-A threshold in Social Work	2015
	Dr. Binoy Joseph	Associate Professor, Rajagiri College of Social Sciences, Kalamassery	National Seminar on CSR-A threshold in Social Work	2015
	Dr. Saleelkumar P.	Assistant Professor, School of Social Work, Marian College Kuttikanam	National Seminar on CSR-A threshold in Social Work	2015
	Dr. Joe Arimpoor	Director, DB ARK, New Delhi	UGC Sponsored National Conference on strengthening social work education : Integration of Theory and Practice	2015
	Dr. P. Ilango	Professor, Bharatidasan University, Trichy	UGC Sponsored National Conference on strengthening social work education : Integration of Theory and Practice	2015
	Dr. Minimol K. Jose	Associate Professor, Department of Social Work, Vimala College, Thrissur	UGC Sponsored National Conference on strengthening social work education : Integration of Theory and Practice	2015
	Dr. Lizy James	Research Guide, Mahatma Gandhi University	UGC Sponsored National Conference on strengthening social work education : Integration of Theory and Practice	2015

25	Seminars/Conferences/Workshops organized & the source of funding			
		Programme	Source of funding	Fund received (Rs)
	State	State level workshop on Social Analysis and strategies for social change	Department	10000
		State level workshop on Social Work and Statistics	Department	10000
	National	National Seminar on Enhancing Social Work competencies through Life Skills	IQAC	12,000
		National Seminar on Corporate Social Responsibility: A threshold in Social Work	IQAC	13,500
		National Conference on Strengthening Social Work Education: Integration of theory and Practice	UGC	88,000

26	Student profile programme/course wise						
	Name of course/program me	Applications received	Selected	Year	Enrolled		Pass %
					Male	Female	
	Master of Social Work	Alottment from university	19	2010 – 2011	9	10	87
			20	2011 – 2012	8	12	90
			20	2012 – 2013	9	11	55
			18	2013 – 2014	10	8	90
			19	2014 – 2015	6	13	93

27	Diversity of students				
	Name of the course		Percentage of the students		
			From the same state	From other states	From abroad
	Year	Course			
	2010-15	MSW	100%	Nil	Nil

28	Students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.		
	Year	Exam passed	No. of students
	2010-2011	NET	Mr. Abilash V C, Mr. Saijith N S, Mr. Saneesh K , Ms. Monisha Mohan Das
		JRF	Mr. Sooraj K V , Ms. Saritha V R
	2011-2012	NET	Ms. Midhula M , Mr. Sivi Varghese
		JRF	Ms. Rajani A
	2012-2013	NET	Mr. Shafeeq K Y
	2013-2014	JRF	Ms. Suhara R H
		NET	Mr. Allwin Thomas, Mr. Sumesh T S

29	Student progression	Against enrolled				
		2010-11	2011-12	2012-13	2013-14	2014-15
	UG to PG					
	PG to MPhil	0	2	2	1	2
	PG to PhD	2	2	3	1	1
	Employed Campus selection/Other than campus recruitment	0	4	2	3	0

30	Details of infrastructural facilities	
	Library	930 books on the subject
	Internet facilities for Staff & Students	Two computers with internet facility, One Laptop
	Class rooms with ICT facility	1 classroom with LCD projector

	Laboratories	Community Labs- studying from fieldwork in communities
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31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2010-11	Stipend, Govt. of Kerala	2
	2011-12	Stipend, Govt. of Kerala	2
	2012-13	Stipend, Govt. of Kerala	2
	2013-14	Stipend, Govt. of Kerala	2
	2014-15	Stipend, Govt. of Kerala	1

32	Details on student enrichment programmes (special lectures / workshops / Seminars) with external experts		
	Year	Resource person	Programme
	14-10-2010	National City Makers Caravan – Reception organized by Rajagiri Outreach	City Makers Caravan a campaign programme for the children in the street. There was a short description about the activities of caravan and an interaction between city makers and students.
	29-11-2010	Workshop on Puppetry- Rajasree Psychiatric Social Worker, Govt. Mental Health Centre, Thrissur.	Workshop for the 3 rd sem MSW students on Puppetry, which is an effective media for communicating with the community people.
	9-12-2010.	E – Safety (Seminar on Awareness on Cyber Cell and Cyber Laws)	As part of 3rd Semester Field action Project, a group of students Sooraj K.V, Paul M, Samuel K, Sumitha K.S and Nivya P.K organized a Seminar E-Safety The main areas covered in the Seminar were Cyber cell and Cyber laws. Teachers and counsellors attended the seminar
	01-12-2011	International AIDS day observation	Arranged Kiosk to impart awareness on HIV In the academic block (distributed red ribbon and leaflets)
	18-1-2011	Child Labour and	The orientation talk was in the Seminar

		Child Beggary Prevention and Regulation Act.	Hall of Jubilee Block was organized by the Dept.of Social Work. The students from Vimala College, St.Joseph's College, Irinjalakuda and Ansar College, Perumpilavu participated in the talk.
	26-1-2011	SWAAST – Alumni meet	There was a common sharing of the Alumni members and various cultural programmes were organized by the members and present students. Later the committee members for the coming academic years were also selected in the gathering.
	22-3-2011 23-3-2011	State Level Seminar on Social Analysis and Strategies for Social Change	Fr. M.K George (Director, ISI), Ms.SagayaShanthi and Mr. T. S Thomas from Indian Social Institute were the resource persons for the seminar. Students from Vimala College, and St. Joseph's College, Irinjalakuda were also the participants in the Seminar.
	26-03-2011	Training on Statistical Package for Social Sciences (SPSS)	A One Day training programme on SPSS was organized on 26th March. Ms.Sunandha from Agricultural University was the key resource person for the Seminar. Seminar included classes and practical sessions on SPSS with computers
	19-8- 2011 20-8- 2011	PRA (Participatory Rural Appraisal) training	Fr. Thomas Poopady and Ms.Rajani A from Social Action were the key resource persons for the training. The students were also received practical training on the tools of PRA in Venganellur of ChelakkaraGramapanchayath. The students practiced tools like Social Resource Mapping, Venn Diagram and Historical Time Line in this area.
	27-9-2011 28-9-2011 2012,2013, 2014, 2015	Workshop on Participatory Project Planning and Management	Mr.SajuParakkal, South Asian Research Coordinator, Butterflies, New Delhi was the resource person for the Workshop. The students from other Social Work

			Colleges were participated
	29-11-2011	Support to Mullaperiyar issue	Rally and Signature campaign in our college
	12-12-2012 03-12-2013 17-12-2014	World Disabled Day	Stall in Jubilee Block for organizing an Exhibition Cum Sale of products from various institutions for the disabled in the district.
	April and May 2013	Souhradham and Manjadi Camps for the Community children	Personality Development Camps for the Children in various communities in the district. Souhradham camp (Leadership and Life Skills camp): The main aim of the camp was to develop the leadership skills of the students. Around 500 students from different parts of the district participated
	8-10-2013	Interaction with Tribals of Meghalaya, Shillong	Social Work students got an opportunity to interact with Tribals of Gharon Community from Meghalaya. They were on the way to Kerala to know its culture and tradition. They visited the college and had an interaction with the students of the department.
	22-10-2013 23-10-2013	Participatory Project Planning and Management-Workshop	Mr.SajuParacka, Consultant, Butterflies New Delhi was the Resource person for the Workshop. After the Workshop student developed skill in planning and formulating new projects.
		Induction Training for 1st Semester	Mr. Rajeev S P, Head, Dept.of Social Work Depaul Institute of Science and Technology was the resource person for the training for first semester students.
	13-1-2014	Class on Pain and Palliative Care	The class was led by Dr. E Divakaran, Secretary Pain and Palliative Care Society, Thrissur. Students of the department got the opportunity to attend.
	10-3-2014	Training on SPSS	4th Semester students were the participants in the seminar. Mr.SajuParacka, Consultant, Butterflies Delhi was the resource person for the seminar. The Seminar includes Lecture sessions and computer practical sessions.

	16-10-2014	Orientation about Breast Cancer-symptoms, self-examination, early detection	Medical Social Workers from Amala Hospital conducted the session for 2014-16 batch students.
	24-10-2014	Orientation on ASAP	Mrs.Anu Clement our alumnae, handled a session about ASAP for our students.
	10-12-2014	Human Rights Day Observation	Collage Competition, Human Rights Logo created with the support of students in the academic block of our college, Oath taking, Hand Punch Campaign was also done.
	22-09-2015	World Alzheimer's day observation	Awareness Class on Alzheimer's and memory games for Post Graduate Students in Electronics and Computer Science Departments
	30-09-2015	Dept. Of Social Work has collaborated with KeCRO, Trivandrum (supported by UNICEF, Chennai)	One day Child Rights Sensitization workshop for Social Work Students titled as 'End Violence Against Children'
	9-9-2015	Department of Social Work, St. Thomas' College,Thrissur with Indian Psychiatric Association (Kerala State Branch),Thrissur Psychiatric Guild and Department of Psychiatry, Government Medical College	World Mental Health day on 9th October 2015. NSS volunteers, social work students participated in the seminar.
	6-11-2015	Interaction with M.Phil scholar from NIMHANS, Bangalore	Senior students interacted with our alumnae Mr. Arun M, M.Phil scholar in NIMHANS and get motivated to do their higher studies.

Programmes attended outside the college			
	09-09-2010	Gericon – 09, Seminar on Geriatric Care, Dept. Of Social Work, IGNOU Open University at IGNOU Regional Centre, Kaloor,	The students and the faculty of the Dept. of Social Work, St. Thomas College' participated.
	20-09- 2010	Paper presentations, Mother Theresa College, Kodaikkanal	Jomon M.C and Rajani, final semester students presented papers on Development and Health
	29-11- 2011	Seminar on Health and Wellness Kundukulam Memorial Grace Home	Students and teachers of 1st and 3rd Semester attended. It was about immunity balancing medicine for HIV/AIDS
	05-10-2010	De Novo -10, De Paul Institute of Science and Technology Angamaly	Students participated. Anu clement 3rd semester student was awarded the best social worker award and Nekha, Suhara and Sumesh secured first prize in photography competition.
	06-10-2010	Anniversary celebrations Sanjo Sadan a De – addiction centre	The students participated in the Seminar and they performed a Skit on alcoholism as part of Annual Day Celebrations.
	20-11-2010	Rendezvous -10, ASSK meet	The All Kerala Social Work students meet was conducted at LISSAH College, Kaithapoyil. MSW students from St. Thomas' College' participated in Theme Show, Best social Work Team, Project Proposal, Folk dance and street Play and secured 3rd place in Folk dance.
	11-11-2010	CHILD LINE Awareness	First semester students of Social Work organized street play in various parts of Thrissur Corporation as part of creating awareness about CHILD LINE. The theme of the Street Play was on conscientizing the public about the problems of children in distress. The

			students distributed the leaflets and also visited various police stations in the district as part of awareness creation
	10-02-2011 11-02-2011	Workshop on Research Methodology Dept. of Social Work, Vimala College	4 th sem students and teachers of Social Work department attended. Dr C.K Lal Das, Faculty of Roda Ministry was the resource person for the Workshop
	17-02-2011.	Almoners Amala Institute of Medical Sciences	Students specializing in Medical and Psychiatric Social Work attended a Seminar on Medical Social Work
	25-01-2011	AVARD BhavanChalakudy – Annual Day celebrations. AVARD Bhavan Chalakudy	As part of Annual Day Celebrations of AVARD BhavanChalakudy, 2 nd Sem students of the department organized a Road Show tableau in the roads of Chalakudy
	15-03-2011	Seminar on Juvenile Justice Act CHILD LINE Thrissur	2 nd Semester students and 2 faculty of Dept. Of Social Work attended a Seminar on Juvenile Justice at Elite Hotel.
	21-09-2011	Alzhemeirs Day Observation Rajah Hospital Muthuvattur	1 st Sem students participated in the Observance of Alzheimer's Day and won prizes in elocution, essay and collage competition conducted as part of the observance.
	23-09-2011, 24-09-2011, 25-09-2011	Rendezvous – All Kerala Social Work Students Meet at BCM College, Kottayam. ICSW, ASSK and AKSSA at BCM College,Jointly organized by Kottayam.	4 th Sem students of the Dept. Participated in the All Kerala Social Work Students Meet – Rendezvous. Students participated in various competitions and won overall 2nd runner up position.
	01-10-2011	Elders Day Observation	Students of the department participated in the Observation programmes organized by Govt. Old Age Home, R.V Puram and Shanthitheeram, Kuttoor. In Govt. Old Age Home students organized various cultural



			programmes and in Santhitheeram students participated in a group discussion.
	2-2-2012	Seminar on Road Safety Rotary Club, Thrissur, Rajagiri Outreach, Dept. of Social Work	Degree students and PG students of Jubilee Block participated
	30-11-2012	AIDS Day observation TNP + at Thekkegopuranada, Thrissur	Students participated
	10-10-2012	World Mental Health Day Observation – Psychiatric Dept. Of Sacred Heart Mission Hospital, Pullur.	3rdSem MSW students and Ms.Neena Thomas Faculty of the Dept. Participated in the Seminar and Panel Discussion.
	09-11-2012	PRA- Forest Department	Male students of 2011-13 and 2012-14 batch done PRA.
	15-01-2013	Pain and Palliative Care Day Observation	Department of Social Work Observed the Day by Mobilizing resources for the activities of Pain and Palliative Care Society, Thrissur.
	04-04-2013	Manjadi Camp Meeting Nenmanikkara Grama Panchayat	Staff and students participated
	01-10-2013	Old Age Day Observation , Govt. Old Age Home and social welfare Board	As part of World Old Age Day Observation students of the department were the organizers of the program in Sahitya Academy Hall.
	10-10-2013	Mental Health Day Observation Sacred Heart Mission Hospital Pullur	World Mental Health Day was observed by attending a Seminar organized by in connection with the observance. After the seminar there was panel discussion on issues relevant to mental health
	11-10-2013	Seminar on Janamaithri Police	By attending the seminar the students got a clear knowledge on various laws

		and their role in Women and Child Protection Police Academy	for women and children 1st Semester MSW students of the department got the opportunity to attend the Seminar organized by on the topic Janamaithri Police and their role in Women and Child Protection. The programme was on
	06-11-2013	Interaction with Fr. Joe Arimboor, Lions Club, Thrissur	The students of the department got an opportunity to interact with Fr. Joe Arimbur one of the senior consultants in Social Work and Director of DB Arc New Delhi
	10-12-2013	Human Rights Day ESAF	Right of Pedestrians- Street Play at various locations in Thrissur Corporation
	10-01-2014 11-01-2014	Rendezvous 2014 Rajagiri College of Social Sciences, Kalamassery	1st Semester students and teachers of the department attended Rendezvous – All Kerala Social Work students meet. This year the theme of the programme was 'Community Mobilization for Empowerment'. Students participated in Collage, Street Play, Outstanding Social Worker and Theme Dance and won prizes in Street Play and Outstanding social Worker
	06-02-2014	<u>ALMONERS 2014</u> National Conference on "Rendering quality Health Care in Professional Social Work" organized by Amala Institute of Medical Sciences	
	20-10-2014	TB Awareness Class Vimala College in collaboration with Indian Council of Social Welfare	The students of the department were participants for the Awareness class on TB. By attending this seminar the students could improve their knowledge in prevention, treatment and rehabilitation of TB
	24-10-2014	Street Play about Breast Cancer Amala	Rally and Street Play done by students

		Institute of Medical Sciences	
	24-11-2014	Community Policing, Thrissur City	2014-16 Batch participated
	26-11-2014	Seminar on Dowry Prohibition Act and Protection against Domestic Violence Department of Social Justice	2013-15 Batch participated
	28-10-2014 29-10-2014	De Novo	2014-16 Batch participated.
	28-11-2014	AIDS Day Observation Kundukulam Memorial Research and Rehabilitation Centre, Thrissur Archdiocese	2013-15 Batch participated for Rally
	14-11-2013	Childrens Day Observation ICDS Kodakara Block Panchayath	First semester MSW students were the judges of the cultural programmes organized in connection with Children's Day Celebration
	22-08-2015	Street Play about Health Swanthwanam	2014-16 Batch done street play
	01-10-2015	Observation on International Old Age Day Govt. Old Age Home, Ramavarmapuram	III sem students (2014-16)
		Reziser: Don Bosco College, Angadikadavu Youth Policy and Youth Empowerment.	4 students of 2014-16 batch participated for the seminar.
	04-10-2015	Car Free Day ESAF	I sem students as volunteers for the programme(2015-17) III sem students participated in Street Play competition and secured 2nd prize(2014-16)
	07-10-2015	Cerebral Palsy Day Regional Institute of	I sem students participated in the seminar

		Physical Medicine and Rehabilitation at Kalletumkara	
	10-10-2015	World Mental Health Day Rajah Hospital, Muthuvattur	Participated in the competition
	10-10-2015	World Mental Health Day Govt. Mental Health Centre, Thrissur	Attended seminar on Mental Health Act
	VISITS TO VARIOUS NGOS		
Observation visit Rajagiri College of Social Sciences Khadi, Avinissery Central Prison, Viyyur KIDS, Kottappuram Govt. Mental Health Centre, Thrissur TB Centre,Thrissur			
OTHER VISITS			
St.Christina Home, Pullazhy, CHILDLINE, St.Joseph’s Old Age Home, St.Joseph’s Mental Home, Govt. Children’s Home, AshaBhavan, MahilaMandir, PrateekshaBhavan, Govt. Old Age Home, SOS children’s Village, Divyahridayashramam, DamienInstitute, Swasraya Special School, Pope Paul Mercy Home, Pope Paul Peace Home, Kundukulam AIDS Rehabilitation Centre			
FIELDWORK- KERALA			
Kudumbasree, NULM, Rajagiri OUTREACH, Govt. Mental Health Centre, Thrissur, ESAF, Jubilee Mission Medical College, KILA, TNP +, Swanthwanam, SAFI, AVARD Bhavan, IQRAA,Kozhikode, Malankara Social Service Society, Thriuvannathapuram, Malabar Institute of Medical Sciences, Kottakkal, Manappuram CSR ,Valappad, Rajah Hospital, Chavakad, Ansar Hospital, Perumpilav, Infertility Clinic, Edappal, SanjoSadan, Anandapuram, Pain and Palliative Clinic, Thrissur, Matrubhoomi –CSR initiative, Kottayam Social Service Society, Kottayam, KIDS, Kottappuram,			

S H Hospital,Painkulam Malankara Medical Mission Hospital, Kolenchery			
FIELDWORK-OUTSIDE KERALA			
Gremaltes Hospital, Chennai NIMHANS Hospital, Bangalore Kidwai Hospital, Bangalore St. John's Hospital, Bangalore Sion Hospital, Sion AIMS Hospital, Delhi Malar Hospital, Chennai Montford Brothers, Chennai SCARF, Chennai Chetanalaya, Delhi CHAI, Hyderabad Worldvision, Mumbai,Bangalore			
RURAL CAMPS			
	18th to 21st November 2010	'Monsoon' – Rural Camp at Meenakshipuram Palghat Social Service Society	Rural camp for 1st semester MSW students was organized at Meenakshipuram in Palghat district. The camp includes Socio economic survey, Camp at School, Classes, PRA etc. It was organized by the MLA Mr Achuthan in the presence of Fr Palathingal, Director of Palghat Social Service Society
	17th to 22nd October 2011	Sparsham Rural Camp at Venaganellur in Chelakkara Grama Panchayath Camp was organized in jointly with Santhwanam, Thrissur Archdiocese.	Rural Camp for the 1stSem MSW was organized in Venganellur of Chelakkara Grama Panchayath. The various activities of the camp includes Sramadam, Survey, Participatory Rural Appraisal, Classes on PRA &Panchayati Raj and Trekking
	5th October 2012 to 11thOctober 2012	Thudi 2012 Community living one week residential camp with the support of Forest Department –Peechi and Vazhachal Forest Division	The camp provides the social work trainees an exposure to the neighbourhood rural communities, and get an opportunity to carry out many practical activities concerned with their syllabus.The community living camp gave an exposure to PRA in Peechi and

			Vazhachal Division
	Spandhanam 2013	Spandhanam 2013- community living camp in association with Forest Department at Peechi	The camp gave an exposure about PRA, its implementation in the community, reporting, performance of street play about Alcoholism at various places, trekking, etc.
	Rithu 2014	Rithu 2014 – Community Living Camp at Attappady in association with Attappady Social Service Society	The camp provided first hand exposure about tribal community, their livelihood, culture, festivals etc. The students also done a survey about the Health Seeking Behaviour of tribals. The students done Street Plays about the social issue of Alcoholism and Sramadan
	14th to 18th September Kathir 2015	Kathir 2015- camp at Mundathikode in association with Green Army(an initiative for agriculture)	The campers got an exposure about mechanized farming, being with the traditional farmers, class on PRA, Sramadan, Geographic Information System through Google Mapping. The students got an opportunity to climb the coconut tree
OTHER PROGRAMMES			
	19-12-2014	Donation for Dialysis as part of Christmas celebrations at Jubilee Medical College, Thrissur	Instead of exchanging Christmas gift money is collected and given to Dialysis patient
	19-12-2014	Koodapirapinoru Christmas samanam at Pope Paul Mercy Home, Athani	Collected clothes from students of our college and gave to Pope Paul Mercy Home.
COMMUNITY CAMPS			
		Rajagiri OUTREACH, Dept. of Social Work (Souhradham) camp 2012 Leadership and Life Skills camp): organized round 500 students from different parts of the district participated. The places where camps organized are	Souhradham 2012 a vacation camp for students in various parts of the district. The main aim of the camp was to develop the leadership skills of the students.
SEMINARS			

	March 2011	State level Seminar on Social Analysis and Strategies for Social Change	Rev.Dr.M.K.George, Indian Social Institute,Bangalore
	March 2012	State level seminar on Statistics for Social Work Research	Dr.Sandhya E., Faculty, PrajyotiNiketan College, Pudukad
	March 2013	National Seminar – Enhancing Social Work Competencies through Life Skills	Dr.Seema P.Uthaman Dr.RenjithR.Pillai Dr.Anish K. R. Dr.Sonny Jose
	February 2014	National Seminar on Corporate Social Responsibility: A threshold for Social Work	Dr.Binoy Joseph Dr.Benny Joseph Dr.Saleelkumar P
	November 2015	UGC sponsored National Seminar on Strengthening Social Work Education: Integration of Theory and Practice	Dr.JoeArimpoor Dr.Lizy James Prof.IlangoPonnuswamy Dr.Minimol K. Jose
33	Teaching methods adopted to improve student learning		
	<ol style="list-style-type: none"> 1. Seminars 2. Lecture Method 3. Interactive method 4. Assignments 5. Use of ICT 6. Discussion with experts in the field 7. Field Exposure 8. Workshops 9. Visiting faculties from nationally reputed organizations 10. Peer presentations and brainstorming discussions 11. Computer assisted learning 12. Experiential learning 13. Learning by doing in the field 14. Role Play 15. Fieldwork conferences, documentation, evaluation 		
34	Participation in Institutional Social Responsibility (ISR) and Extension activities		
	<p>Observance of days, Community living camps, Blood Donation, Community awareness programmes (classes, street plays), Vacation camps for community children</p> <p>Collaborating with various NGOs – community conscientization programmes, address social issues</p>		

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none">• Experienced and expert faculty members• Network with GO and NGO (District, State and National)• Visiting faculties• Teamwork• Methodology Validation workshops• Maintenance of chronicles• Seminars and conferences on relevant issues/topics• Good leadership• Outreach activities• Inter-department programmes• Staff student relationship• Individual conferences
	Weakness
	<ul style="list-style-type: none">• Communities are not within the reach• Lack of funds• Lack of International Journal
	Opportunity
	<ul style="list-style-type: none">• Alumnae support at national and international level• College is in the town – access to all people and facilities• Placement for students
	Challenges
	<ul style="list-style-type: none">• Quality of students – Social Work Aptitude and Values• Supervision of the field work in communities and agencies• Low paid jobs
	Future plans
	<ul style="list-style-type: none">• To initiate a Diploma course in Counselling• An outlet for organic vegetables (Students initiative – to help the women in the community to have an outlet for their products)• To publish an International Journal

POST GRADUATE DEPARTMENT OF ELECTRONICS (SELF FINANCING)

1	Name of the Department	Post Graduate Department of Electronics	
2	Year of Establishment	2002	
3	Names of Programmes / Courses offered	UG: B.Sc. Electronics PG: M.Sc. Electronics	
4	Names of Interdisciplinary courses and the departments/ units involved	Course	Departments involved
		Open course	All departments
5	Annual/semester/choice based credit system (programmewise)	UG - Choice Based Credit and Semester System (CBCSS) PG - Calicut University Credit Semester System (CUCSS)	
6	Participation of the department in the courses offered by other departments	All UG Courses (Open course: Electronic Instrumentation)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil	
8	Details of courses/ programmes discontinued	Nil	
9	Number of Teaching posts	Sanctioned	Filled
	Regular	7	7

10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
i	Dhanya Jacob V.	M.Sc.	Asst. Professor	Electronics	08
ii	Jinesh Paul C.	ME, MBA	Asst. Professor	Embedded System	07
iii	Shailendran V.	M.Sc. Physics, M.Sc. Electronics	Asst. Professor	Electronics	5.5
iv	Merin Thomas	M.Sc.	Asst. Professor	Electronics	6.5
v	Ragesh Raghavan A.	M.Sc.	Asst. Professor	Electronics	4.5
vi	Anjaly Markose	M.Sc.	Asst. Professor	Electronics	9.5
vii	Rithusree K. J.	M.Sc.	Asst. Professor	Electronics	1.5

11	List of senior visiting faculty	Nil
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
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13	Student-Teacher Ratio	UG: B.Sc Electronics	32:1
		PG: M.Sc Electronics	5:1

14	Number of academic support staff (technical) and administrative staff	1
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Dhanya Jacob V	M.Sc.
	Jinesh Paul C	ME,MBA
	Shailendran V	M.Sc. Physics, M.Sc. Electronics
	Merin Thomas	M.Sc.
	Ragesh Raghavan A	M.Sc.
	Anjaly Markose	M.Sc.
	Rithusree K J	M.Sc.

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Name of PI	Details of grant	
			Funding agency	Grant received (Rs)
		Dhanya Jacob V.	UGC	2.65 lakhs

17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	Nil
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19	Publication details					
No	Title	Journal	Vol .	Year	National/International	ISSN/ ISBN
1	Mr. Jinesh Paul C. 5G Mobile Technology	PNC Journal	01	2015	International	ISSN 2455-0434
2	Mr. Jinesh Paul C. An efficient implementation of rotation through fixed angle using CORDIC circuits	International journal of Innovative Research & Studies	03	2014	International	ISSN 2319-9725

	A - Publication per faculty B -Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
i	Jinesh Paul C.	4	2	1					2	
ii	Dhanya Jacob V.	2							2	
iii	Merin Thomas	2							2	

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme in B.Sc.	2010-2011	100%
		2011-2012	100%
		2012-2013	100%
		2013-2014	100%
		2014-2015	100%
	Percentage of students who have done in-house projects including interdepartmental programme in M.Sc.	2010-2011	100%
		2011-2012	100%
		2012-2013	100%
		2013-2014	100%
		2014-2015	100%

23	Awards/Recognitions received by faculty and students				
	Name	Faculty / Student	Awards / Recognition	Awarding body	Year
i	Sreedevi K.	Student	2nd rank, M.Sc. Electronics	Calicut University	2011
ii	Sreevidhya S. Madhavan	Student	3rd rank, M.Sc. Electronics	Calicut University	2011
iii	Fintu Francis	Student	University Topper, B.Sc. Electronics	Calicut University	2012

24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Mr. Pradip Somasundaran	Principal, CAS (IHRD), Vadakkencherry	NOIZE 2012	2012
	Ms. Nazeema T. H.	HOD, Department of Biochemistry, RVS College, Coimbatore	NOIZE 2012	2012
	Dr. Fr. Francis Alappatt	Founder Director, JMMC, Thrissur	NOIZE 2012	2012
	Dr. V. Kumar	Director, C-MET, Thrissur	NOIZE 2015	2015
	Dr. Jayanand B.	HOD, Department of Electrical Engineering, GEC, Thrissur	NOIZE 2015	2015

25	Seminars/Conferences/Workshops organized & the source of funding			
	S N	Programme	Source of funding	Fund received
	i	NOIZE 2012	IQAC	Rs. 15,000/-
	ii	NOIZE 2015	UGC	Rs. 1,50,000/-

26	Student profile programme/Course wise						
	Name of course / programme	Year	Applications received	Selected	Enrolled		Pass %
					Male	Female	
	B.Sc.	2010-2011	492	36	29	03	95
		2011-2012	505	36	20	13	70
		2012-2013	483	36	28	06	42
		2013-2014	CAP	36	25	08	40
		2014-2015	CAP	36	24	08	74
	M.Sc.	2010-2011	83	12	06	06	100
		2011-2012	CAP	12	03	08	100
		2012-2013	CAP	12	05	07	100
		2013-2014	58	12	02	10	91
		2014-2015	64	12	03	08	100

27	Diversity of students				
	Name of the course		Percentage of the students		
			From the same state	From other states	From abroad
	Year	Course			
	2010-2011	B.Sc.	97	1	0
	2011-2012		97	1	0
	2012-2013		97	1	0

	2013-2014		100	0	0
	2014-2015		100	0	0
	2010-2011	M.Sc.	100	0	0
	2011-2012		100	0	0
	2012-2013		100	0	0
	2013-2014		100	0	0
	2014-2015		100	0	0

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.		
	Year	Exam passed	No. of students
	2010-2011	ISRO	01
		Defence Services	01
		NET	01
	2011-2012	Defence Services	01
	2012-2013	NET	01
	2013-2014	Defence Services	01
	2014-2015	NET	01
		Defence Services	01

29	Student progression	Number of students				
		2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
	UG to PG	15	10	7	9	3
	PG to M.Phil	7	5	0	0	0
	Employed Campus selection/Other than campus recruitment	7	5	0	2	6
	Entrepreneurship/Self-employment	10	0	15	22	18

30	Details of Infrastructural facilities.	
	Library	Books in the College Library and department book bank
	Internet facilities for Staff & Students	Free Internet and N-LIST facility available for staff and students

	Classrooms with ICT facility	LCD, OHP projector
	Laboratories	02

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2010-11	SC/ST Development Department, Lakshadweep Government, INSGCS	06
	2011-12	SC/ST Development Department, Lakshadweep Government, INSGCS	06
	2012-13	SC/ST Development Department, Lakshadweep Government	05
	2013-14	SC/ST Development Department	03
	2014-15	SC/ST Development Department	04

32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts		
	Year	Resource person	Programme
	2011	Accel IT Academy	Computer Hardware
	2012	Mr. Pradip Somasundaran, Ms. Nazeema T. H., Dr. Fr. Francis Alapatt, CMS Technologies, Coimbatore	NOIZE 2012, Embedded Systems
	2013	Focuz Infotech	VLSI Design
	2014	Telecom Regulatory Authority of India	Consumer Outreach Programme
	2015	Dr. V Kumar, Dr. Jayanand B., Robosapiens Technologies Livewire Technologies	Noize 2015, Matlab

33	Teaching methods adopted to improve student learning		
	<ul style="list-style-type: none"> • Assignments and Seminars • Remedial Classes for Weaker Students • ICT enabled Teaching methods • Question – Answer sections are implemented • Test papers are taken after every module • Quiz competitions are conducted every year • Peer teaching methods are adopted 		

34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	<ul style="list-style-type: none">• NSS• Orphanage visits• Food donation to poor and needy at special occasions

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none">• Technology-oriented Programme with large number of job opportunities• Highly competent students and staff• Achieving good results with average students• Ratio of students getting placement is increasing every year• Organising national seminars and workshops
	Weakness
	<ul style="list-style-type: none">• Lack of infrastructure and curriculum in implementing new technologies
	Opportunity
	<ul style="list-style-type: none">• Give coaching in Electronics basics and Computer Hardware to other department students• Organizing coaching classes for various state, semi-government, and central staff selection exams• To do doctoral and post-doctoral research• To organize international seminars• To encourage publication of more research papers of both students and staff• To conduct nurture programs for UG and PG students
	Challenges
	<ul style="list-style-type: none">• Training Facilities in real-time projects• Lack of space for extension• Implementation of new topics and current trends in syllabus• Providing lab facilities in the upcoming technologies• Promote more research projects from students
	Future plans
	<ul style="list-style-type: none">• Organize International / National and regional seminars• Proposal for Electronic Instrumentation diploma course under community colleges (KAUSHAL scheme) was initiated and sent to UGC by the department• Launch department Website• Lectures by industrialists / scientists for M.Sc. students• Workshop• Industrial visits

	<ul style="list-style-type: none">• Internet lab to the students• Extension of Wi-Fi access for departmental activities.• Digital library enrichment.• More technical books in Library• Development and Marketing of their own Industrial products by students under the guidance of staffs as a part of the study• Programmes on Social Service
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**POST GRADUATE DEPARTMENT OF
VISUAL COMMUNICATION (SELF FINANCING)**

1	Name of the Department		PG Department of Visual Communication	
2	Year of Establishment		2010	
3	Names of Programmes / Courses offered		UG: Bachelors Degree in Visual Communication, Bachelors Degree in Multimedia Communication Bachelor of Vocational Degree in Digital Film Production PG: Master of Visual Communication Diploma: Diploma in Visual Communication	
4	Names of Interdisciplinary courses and the departments/ units involved		Course	Departments involved
			Complementary course	All Departments
5	Annual/semester/choice based credit system (programmewise)		UG - Choice based credit semester system (CBCSS) PG - Credit semester system (CSS)	
6	Participation of the department in the courses offered by other departments		Open course of all departments (Introduction to Multimedia)	
7	Courses in collaboration with other universities, industries, foreign institutions, etc.		Nil	
8	Details of courses/ programmes discontinued		Nil	
9	Number of Teaching posts		Sanctioned	Filled
		Regular	08	08
		Guest	03	03

10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
i	Dr. Fr. Biju	PhD	Asst. Prof	Docu- Drama in public service Broadcasting	7 yrs
ii	Dr. Mohandas C. B.	PhD	Asst. Prof	Film Studies	14 yrs

iii	Rahul K. R.	M.Sc	Asst. Prof	Multimedia content and its Interaction	2 yrs
iv	Jeeva K. J.	MFA	Asst. Prof	Television Production	2 yrs
v	Allen George	M.Tech	Asst. Prof	Digital image processing	2 yrs
vi	Jyothilakshmi R. S.	MFA	Asst. Prof	Photography	1 yr
vii	Jithin Varkey Jose	MA	Asst. Prof	Analyzing the interpretation of Visual grammar through Editing	1 yr
viii	Athira Jose	MFA	Asst. Prof	Advertisements	1 yr

11	List of senior visiting faculty	Sajin Babu Salini Usha Nair Sajan Kalathil Sunny Joseph Vidyarthi Chatterjee K.B. Venu Joseph Laszer B. Kannan
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12	Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty												
	<table> <tr> <th>Year</th><th>Percentage of classes</th></tr> <tr> <td>2010-2011</td><td>12</td></tr> <tr> <td>2011-2012</td><td>8</td></tr> <tr> <td>2012-2013</td><td>9</td></tr> <tr> <td>2013-2014</td><td>12</td></tr> <tr> <td>2014-2015</td><td>12</td></tr> </table>	Year	Percentage of classes	2010-2011	12	2011-2012	8	2012-2013	9	2013-2014	12	2014-2015	12
Year	Percentage of classes												
2010-2011	12												
2011-2012	8												
2012-2013	9												
2013-2014	12												
2014-2015	12												

13	Student-Teacher Ratio	UG: BVC UG: BMMC UG: B.Voc PG: MVC	14:1 9:1 19:1 3:1
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14	Number of academic support staff (technical) and administrative staff	Technical staff: 1 (Lab assistant) Administrative staff : 1
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG								
	<table> <tr> <th>Name</th><th>Qualification</th></tr> <tr> <td>Dr. Fr. Biju</td><td>MA, PhD</td></tr> <tr> <td>Dr. Mohandas C B</td><td>MA, PhD</td></tr> <tr> <td>Rahul K R</td><td>MSc,</td></tr> </table>	Name	Qualification	Dr. Fr. Biju	MA, PhD	Dr. Mohandas C B	MA, PhD	Rahul K R	MSc,
Name	Qualification								
Dr. Fr. Biju	MA, PhD								
Dr. Mohandas C B	MA, PhD								
Rahul K R	MSc,								

	Jeeva K J	MFA
	Allen George	M.Tech.
	Jyothilakshmi R S	MFA
	Jithin Varkey Jose	MA
	Athira Jose	MFA

16	Number of faculty with ongoing projects from a) National and b) International funding agencies and grants received	Nil
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17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	Nil
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19	Publication details					
No	Title	Journal	Vol.	Year	National/International	ISSN/ISBN
1	Allen George “Palm print recognition using ridge features”	International Journal of Advanced Research in Computer & Communication Engineering (IJARCCE)	IJARCCE	2014	International	-
2	Allen George “An efficient system for palm print recognition using ridge”	International Conference on Intelligent Computing Application (IEEE)	IEEE	2014	International	-
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers					

	G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
1	Allen George	2	2	-	-	-	2	-	-	-

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22	Student projects		
	Percentage of students who have done in-house projects including interdepartmental programme	2010-2015	MVC 80% BVC 80% BMMC 90% B.Voc 80%
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	MVC 20% BVC 15%

23	Awards/Recognitions received by faculty and students	Nil
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24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	Padmasree K. Madhu	Actor/ Director	Interactive session with students	2015
	Madhupal	Actor/ Director	Interactive session with students	2015
	Madhav Ramdas	Director	Interactive session with students	2015
	Nandakumar Moodadi	Photographer	Interactive session with students	2015
	Rajmohan Unnithan	Chairman Of Ksfdc	Interactive session with students	2015
	Cherian Joseph	Director Of Film Centre Thrissur	Interactive session with students	2015

	Sajin Babu	Film Director	Interactive session with students	2015
	Anand Patwardhan	Documentary Director	Interactive session with students	2015
	Salini Usha Nair	Film Director	Interactive session with students	2014
	Sarnath Banerjee	Film maker	Interactive session with students	2014
	Sajan Kalathil	Cinematographer	Interactive session with students	2013
	Joy Mathew	Film Director / Actor	Interactive session with students	2013
	Vinay Fort	Actor	Interactive session with students	2013
	Sunny Joseph	Cinematographer	Interactive session with students	2013
	Vidarthi Chatterjee	Documentary Director	Interactive session with students	2013
	Leena Manimekalai	Writer/ Documentary Director	Interactive session with students	2012

25	Seminars/Conferences/Workshops organized & the source of funding			
		Programme	Source of funding	Fund received (Rs)
		Conducted a Seminar on “ <i>The Recent Trends & Difficulties In Documentary Production In India</i> ” on 22-01-2015 by Anand Patwardhan	Management	
		Conducted a Seminar on “ <i>Photography</i> ” on 19/08/2015 by Nandakumar Moodadi	Management	
		Conducted seminar on 11-6-2014 by Salini Usha Nair(Film Director)	Management	
		Conducted workshop on 23-3-2013 by Sajan Kalathil(Cinematographer)	Management	
		Conducted seminar on 3rd July 2013 by Sunny Joseph(Cinematographer)	Management	
		Conducted seminar on 17-8-2013 by Vidyarthi Chatterjee(Documentary Director)	Management	

	Seminar on “Challenges in contemporary Documentary production” on 11-7-2012 by Leena Manimekalai (Writer/ Documentary Director)	Management	
	Seminar on Cinema Cultures in South India, October 13 & 14, 2012	UGC	75000
	Seminars on Narratives of the Visual: Media, Image and Communication Power on March 19 & 20, 2014	IQAC	15000
	Conducted acting workshop on 23-11-2014 by Kannan (Theatre Artist)	Management	
	Conducted photography workshop on 18-9-2014 by Joseph Laszer (Photographer)	Management	
	Seminar on “ History of Film” by K.B. Venu on 22-3-2013	Management	

26	Student profile programme/course wise						
	Name of course/programme		Applications received	Selected	Enrolled		Pass %
					Male	Female	
BVC	2012-2013		36	24	21	3	-
	2013-2014		51	26	23	3	-
	2014-2015		89	30	27	3	90
BMMC	2014-2015		31	17	13	4	-
MVC	2014-2015		24	6	4	2	-
B.Voc	2014-2015		35	24	23	01	-

27	Diversity of students				
	Name of the course		Percentage of the students		
			From the same state	From other states	From abroad
	Year	Course			
	2011	BVC	100	0	0
	2012	BVC	100	0	0
	2013	BVC	100	0	0
	2014	BVC, BMMC MVC	100	0	0
	2015	BVC, BMMC MVC	93	7	0

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.	Nil
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29	Student progression	Against % enrolled
		2014-15
	UG to PG	10%
	PG to MPhil	Nil
	PG to PhD	Nil
	PhD to Post-Doctoral	Nil
	Employed Campus selection/Other than campus recruitment	22%
	Entrepreneurship/Self-employment	32%

30	Details of Infrastructural facilities:	
	Library	<ul style="list-style-type: none"> College library of about 1 Lakh of books. Film archives: Collection of wide variety of international, Multilingual and classic films.
	Internet facilities for Staff & Students	Wi-Fi facility is available for staffs and Internet connection is available for students in lab.
	Classrooms with ICT facility	Multimedia aided class rooms with good sound system.
	Laboratories	<ul style="list-style-type: none"> Well equipped lab with 30 desktops for Audio, Video and Image productions and practicals. Well furnished and maintained studio floor for indoor shooting with PCR. Light units Separate audio recording facilities for production. Compositing floor for visual effects and motion capturing. Various cameras for beginners to professional learning. Separate cameras for photography and cinematography. Wide range of Camera lenses.

31	Number of students receiving financial assistance from college, university, government or other agencies				
	Year	College	University	Government	Other agencies
	2011-12			1	
	2012-13			2	
	2013-14			2	
	2014-15			6	
	2015-16			7	
	BVC: 2011- 2016			5	
	BMMC: 2014-16			2	

32	Details on student enrichment programmes (special lectures / workshops / seminars) with external experts.		
	Year	Resource person	Programme
	2012	Leena Manimekalai (Director)	Seminar on Challenges in contemporary Documentary production
	2013	Sunny Joseph Vidyarthi Chatterjee (Documentary Director) Sajan Kalathil Joy Mathew (Film Director /Actor) Vinay Forte (Actor)	Seminar on “ Lighting and Effects of shadow in Cinematography. Seminar on Anglicizing the Vernacular Voice: The issues in the language of Documentary. Cinematography workshop Special lectures Special lectures
	2014	Salini Usha Nair (Film Director) Sarnath Banerjee	Seminar on “The female ‘voice’ in the moving images”. special lectures

2015	Anand Patwardhan (Director)	Seminar on “The Recent Trends & Difficulties In Documentary Production In India”
	Padmasree K. Madhu (Film Actor)	special lectures
	Madhupal (Actor/ Director)	special lectures
	Madhav Ramdas (Director)	special lectures
	Nandakumar Moodadi (Photographer)	Seminar

33	Teaching methods adopted to improve student learning	Madhupal
	<ul style="list-style-type: none"> Innovations/ strategies of teaching <ul style="list-style-type: none"> All courses follow the lecture method. Class-room demonstrations and hands-on experience are provided to give proper understanding of the subject. Apart from classroom interactions, we are giving seminars, power point presentation. Participation of students in seminars, conferences, workshops- no of students <ul style="list-style-type: none"> Students are encouraged to attend seminars, conferences, and workshops both within the college and outside college. We organize college level seminars, Workshops and Interactive sessions with media experts. 	Madhav Ramdas

34	Participation in Institutional Social Responsibility (ISR) and Extension activities	Nandakumar Moodadi
	<ul style="list-style-type: none"> Faculty members are working as a part of the programme EEP conducted by the Government of Kerala. Seminars and workshops are organized routinely to encourage the media community within and neighbouring colleges. 	

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> Well qualified faculty members with experience in media industry. We have sufficient research and practical facilities. We have conducted different workshops on media and its influence. Our students have won several awards in documentary and short film festivals. Our department has a students' progression approximately 25% to PG. 65% of passed out students got placed in different media industry. Our students are engaged in arts and sports and have won several medals.
	Weakness
	<ul style="list-style-type: none"> Low Boys to Girls ratio. Limited funding available to pursue research, Projects, infrastructure development, seminar.
	Opportunity
	<ul style="list-style-type: none"> Opportunity to work in different channels and advertising agencies. Opportunity to attend workshops and seminar conducted by department with media celebrities. Orientation talks, invited lectures and interactive sessions with professionals from media industry.
	Challenges
	<ul style="list-style-type: none"> To motivate or promote PG students to pursue research abroad as well as in national institutes. Promote UG students with an aim for PG programmes in eminent institutes in India. Implement new vocational and training programmes.
	Future plans
	<p>The vision of our department is to accomplish excellence in academics as well as in Professional practices. Therefore, the department will be focused on a few strategies for the next five years:</p> <ul style="list-style-type: none"> Mini Theatre IPTV Community Radio Studio Floor Advanced Visual Communication courses Acting Courses Audio Technology Study tour and field visit for photography courses. Upgrade department into a research centre. Develop Digital archives for research Conduct seminars and colloquium We analyze recent movies and documentaries and we publish it as a part of research Planning to start a journal in visual communication. We make media consultancy and content research for film makers, TV channels and production house.

DEPARTMENT OF COMMERCE (SELF FINANCING)

1	Name of the Department		Commerce		
2	Year of Establishment		2013		
3	Names of Programmes/ Courses offered (UG,PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)		UG: B.Com (Finance)		
4	Names of Interdisciplinary courses and the departments/ units involved		Open course	Departments involved	
			Basic Accounting	All departments	
5	Annual/semester/choice based credit system (programme wise)		Choice Based Credit Semester System (CBCSS)		
6	Participation of the department in the courses offered by other departments		Open courses of all departments		
7	Courses in collaboration with other universities, industries, foreign institutions, etc.		Nil		
8	Details of courses/ programmes discontinued		Nil		
9	Number of Teaching posts		Sanctioned		Filled
	Self-Financing Section	Regular	4	4	
		Guest	1	1	

10	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
i	Sowmya Jos P.	M.Com, B.Ed.	Asst. Professor	Marketing	6
ii	Jophy T.J.	M.Com, MBA, MIS	Asst. Professor	Finance	7 months
iii	Sherline T. I.	M.Com, DCFA.	Asst. Professor	Finance	3
iv	Sanitha B. Vincent	M.Com	Asst. Professor	Finance	4
v	Prof. Mathew K. Koola	M.Com	Rtd. HOD & Selection Grade Lecturer	Trade and Transport	47

11	List of senior visiting faculty	Professor Mathew K. Koola
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12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	
	Year	Percentage of classes
	2013-2014	NA
	2014-2015	20
	2015-2016	13

13	Student-Teacher Ratio	UG: B.Com Finance (SF)	30:1
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14	Number of academic support staff (Technical) and administrative staff: Nil
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15	Qualifications of teaching faculty with DSc/D.Litt./Ph.D./MPhil/PG	
	Name	Qualification
	Sowmya Jos P.	M.Com
	Jophy T.J.	M.Com, MBA
	Sherline T. I.	M.Com
	Sanitha B. Vincent	M.Com
	Guest faculty	
	Mathew K. Koola	M.Com

16	Number of faculty with ongoing projects from a) National b) International funding agencies and grants received	Nil
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17	Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/ facility recognized by the University	Nil
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19	Publication details					
	Sowmya Jos P.					
No	Title	Journal	Vol.	Year	National/ International	ISSN/ ISBN
1	A study on the customer satisfaction of housing finance companies (HFC) in private sector in Thrissur District	MIRROR	II	2012	National	ISSN 2249-8117

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards....	Nil
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22	Student projects: NA
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23	Awards/Recognitions received by faculty and students: Nil
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24	List of eminent academicians and scientists/visitors to the department			
	Name	Designation	Context	Year
	1. Mr. Boban Mathew	Senior Advisor, Sharekhan Ltd.	Capital market and share trading	2015
	2. Mr. Balachandran C.	Director Academics, Vidhyarupa School of Management studies.	Career Guidance	2015
	3. Mr. Bineesh Enamakkal	Director, Profinz Institute.	Career Guidance	2015

25	Seminars/Conferences/Workshops organized & the source of funding: Nil
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26	Student profile programme/course wise				
	Year	Applications received	Selected	Enrolled	Pass %
				Male	Female
	2013-2014	CAP	38	26	12
	2014-2015	CAP	50	31	19
					RA
					RA

27	Diversity of students				
	Name of the course	% of the students from the same state	% of the students from other states	% of the students abroad	
	Year	Course			
	2013	B.Com	100	Nil	Nil
	2014	B.Com	100	Nil	Nil
	2015	B.Com	100	Nil	Nil

28	Students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.		
	Year	Examination passed	No. of students
	2013-2014	CMA foundation course	ONE (Miranda Johnson, III sem B. Com)
	2014-2015	CPT (Common Proficiency Test)	ONE (Vishak Nair, III Sem B. Com)

29	Student progression against % enrolled	Not Applicable
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30	Details of Infrastructural facilities	
	Library	3039 subject books in the library
	Internet facilities for Staff & Students	The department has a PC with internet facility.
	Class room with ICT facility	Nil
	Laboratories	Nil

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Year	Funding agencies	No. of students
	2013-14	Post matric scholarship	5
	2014-15	Post matric scholarship SC scholarship	7 3

32	Details on student enrichment programmes (special lectures/workshops /seminar) with external experts:		
	Year	Resource person	Programme
	2015	Mr .Rakesh (Enlighten Agency Services, H.O Kakkanad) Mr. Boban Mathew, Senior Advisor, Sharekhan Ltd.	Skill development classes as a part of placement cell programme. Capital Market and Share Trading

33	Teaching methods adopted to improve student learning
	<ul style="list-style-type: none"> • Peer teaching • Remedial teaching • Student seminars • Group discussions • Industrial visits • Assignments • Quiz
34	Participation in Institutional Social Responsibility (ISR) and Extension activities

	<ul style="list-style-type: none"> As part of non-academic extension activities, our students in collaboration with BBA department, organised a Charity Football Tournament and collect fund to conduct free dialysis for 25 persons. Visit to “THANAL” (non-government organisation) and contributes lunch to the orphans. Frequent visit to street orphans and supply food to them. Organised a full day blood donation camp in collaboration with Jubilee Mission Hospital, Thrissur on 29th July 2015. Talks and career guidance classes.
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35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> Eminent experienced faculty members. Highly qualified and experienced senior visiting faculty. Energetic and disciplined students with positive attitude Mentoring Coordination in various club activities Coordination between faculties and parents Participation in various social work activities like Charity football tournament, blood donation camp, food distribution to orphans etc.
	Weakness
	<ul style="list-style-type: none"> Due to excess number of B.Com courses in the city, we have to compete for good students
	Opportunity
	<ul style="list-style-type: none"> Facilitate more employment opportunities in various fields like business, commerce, teaching, banking sector, legal sector etc. Serves as a foundation for the achievement of professional degrees such as MBA, CA, CS, LLB, LLM etc. Moulds each and every student for achieving success in competitive exams, eligibility tests like SET, NET, CAT, MAT etc. through motivational talks, experience sharing and extra classes. More collaboration and linkage.
	Challenges
	<ul style="list-style-type: none"> Poor socioeconomic background of students. Lack of English language proficiency among the students
	Future plans
	<ul style="list-style-type: none"> Programs to inculcate research attitude Programs with collaboration and linkage Organise more seminars and talks. Introduction of Career oriented courses. Faculty improvement programmes. Start PG courses. Introduce certificate courses.

DEPARTMENT OF MANAGEMENT STUDIES (SELF FINANCING)

1	Name of the Department	Department of Management Studies (SF)		
2	Year of Establishment	2013		
3	Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)	UG: BBA (Finance)		
4	Names of Interdisciplinary courses and the departments/units involved	Corse	Departments involved	
		Open course	All departments	
5	Annual/semester/choice based credit system (programme wise)	Choice Based Credit System		
6	Participation of the department in the courses offered by other departments	Open courses to all departments (E-commerce)		
7	Courses in collaboration with other universities, industries, foreign institutions, etc.	Nil		
8	Details of courses/programmes discontinued(if any) with reasons	Nil		
9	Number of Teaching posts		Sanctioned	Filled
	Self Financing Section	Regular	4	4
		Guest	1	1

10	Faculty profile					
	Name	Qualification	Designation	Specialization	Experience in years	No. Of Ph.D. students guided
i	Sharon Lee Jose	MBA	Asst. Professor	Operations	3 years	Nil
ii	Jerry Johny	MBA	Asst. Professor	Finance	2 years	Nil
iii	Tony C. Mathew	M.Com,MBA	Asst. Professor	Finance	2 years	Nil
iv	Gloria Jose	M.Com, B.Ed	Asst. Professor	Marketing	7 Months	Nil
v	Adv. Usha S. Menon	B.Com, LLB	Asst. Professor on Contract	Law	2 years	Nil
11	List of senior visiting faculty			Adv. Usha S. Menon		

12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	
	Year	Percentage of classes
	2010-2011	NA
	2011-2012	NA
	2012-2013	NA
	2013-2014	NA
	2014-2015	10

13	Student-Teacher Ratio	UG: BBA	30:1
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14	Number of academic support staff (technical) and administrative staff	Nil
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15	Qualifications of teaching faculty with Ph.D/MPhil/PG	
	Name	Qualification
	Sharon Lee Jose	MBA
	Jerry Johny	MBA
	Tony C. Mathew	M.Com, MBA
	Gloria Jose	M.Com
	Guest faculty	
	Adv. Usha S. Menon	LLB

16	Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:	Nil
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17	Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.	Nil
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18	Research Centre/facility recognized by the University	Nil
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19	Publication details							
Sharon Lee Jose								
No	Title	Journal	Vol.	Year	National/International	ISSN/ISBN	Impact Factor	
1.	Science of Digital marketing: A survey on online	International Journal for exclusive Management Research	Special Issue February 2015	2015	International	ISSN No 2249-8672	5.76	

	shopping usage among college students within Trichy corporation limit						
Tony C. Mathew							
2	'A Study on the customers' awareness on green banking initiatives by public sector and private sector banks with special reference to Thrissur Dist.	Finnova'15, published by PG dept.of Commerce and Managament Studies,NSS College Nenmmara.		2015	National	ISBN 978-93-85105-19-7	
Jerry Johny							
3	Green Banking Initiatives, cost or profit for banks: A Study on the financial impact of green banking initiatives on both public sector and private sector banks"	Finnova'15,p ublished by PG Dept. Of Commerce and Management Studies, NSS College Nenmmara		2015	National	ISBN 978-93-85105-19-7	
	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers						



I - h index										
	Name of faculty	A	B	C	D	E	F	G	H	I
i	Sharon Lee Jose	1								
ii	Tony C Mathew	1								
iii	Jerry Johny	1								

20	Areas of consultancy and income generated: Nil
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21	Faculty as members in a) National committees b) International Committees c) Editorial Boards	Nil
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22			
	Percentage of students who have done in-house projects including interdepartmental programme	2010-2015	The Course of the first batch of BBA is not yet complete
	Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	2010-2015	

23	Awards/Recognitions received by faculty and students: Nil					
24	List of eminent academicians and scientists/visitors to the department: Nil					
25	Seminars/Conferences/Workshops organized & the source of funding: Nil					
26	Studentprofileprogramme/coursewise					
	Name of course/programme	Applications received	Selected	Enrolled		Pass %
				Male	Female	
	BBA 2013-2014	60	38	30	8	*RA
	BBA 2014-2015	CAP	47	23	24	Yet to complete

- Final Result Awaiting

27	Diversity of students				
	Name of the course		Percentage of the students		
			From the same state	From other states	From abroad
	Course	Year			
	BBA	2013	100	0	0
		2014	100	0	0

28	Number of students who cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc.: Nil
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29	Student progression Against % enrolled: NA
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30	Details of Infrastructural facilities	
	Library	College Library
	Internet facilities for Staff & Students	Department has a PC with internet facility.
	Classrooms with ICT facility	Nil
	Laboratories	Nil

31	Number of students receiving financial assistance from college, university, government or other agencies		
	Academic Year	Funding agencies	No. of students
	2013-14	SC/ST Development (Govt. of Kerala)	1
	2014-15	SC/ST Development (Govt. of Kerala)	1

32	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :		
	2015	Mr. Boban Mathew, Manager of Sharekhan advisory desk, Cochin	Investment opportunities in stock market

33	Teaching methods adopted to improve student learning
	The teachers adopt methods such as remedial teaching, peer teaching, group discussion and also lecture method for teaching.
34	Participation in Institutional Social Responsibility (ISR) and Extension activities
	As part of non-academic extension activities, our students in collaboration with Commerce (SF) department, conduct a Charity Football Tournament named "Carita Calcio", every year and the amount is being handed over to conduct free dialysis. Students used to distribute food parcels to the needy.

35	SWOC analysis of the department and Future plans
	Strength
	<ul style="list-style-type: none"> Highly talented and qualified teachers. Good support from management. Highly qualified and experienced senior visiting faculty.

	<ul style="list-style-type: none">• Energetic and Brilliant students• Infrastructural facilities
	Weakness
	<ul style="list-style-type: none">• The department lacks adequate IT and infrastructural facilities.
	Opportunity
	<ul style="list-style-type: none">• Our students have a wide variety of opportunities in various fields like business , commerce, teaching, banking sector, legal sector etc.• Our graduation programmes serve as a foundation for the achievement of professional degrees such as MBA, CA ,CS, LLB, LLM etc.• Our department encourages each and every student for achieving success in competitive exams, eligibility tests like SET, NET, CAT, MAT etc. through extra classes, experiences sharing and motivational talks.
	Challenges
	<ul style="list-style-type: none">• Lack of space for expansion
	Future plans
	<ul style="list-style-type: none">• Plans for job oriented classes from 1st semester itself• To start PG courses• Initiate Spoken English & Personality Development classes

DEPARTMENT OF LIBRARY

1	Name of the Department			Department of Library	
2	Year of Establishment			1919	
3	Names of Programmes/ Courses offered			Nil	
4	Participation of the department in the courses offered by other departments			Nil	
5	Number of Teaching posts			Sanctioned	Filled
	Librarian			1	1
6	Faculty profile				
	Name	Qualification	Designation	Specialization	Experience in years
	Sanjo Jose	MLISc., MPhil.	Librarian	Document organisation, Electronic Information Services, Digitisation	10
7	Number of support staff			Library Assistants - 7	
8	Qualifications of teaching faculty with MPhil.				
	Name		Qualification		
	Sanjo Jose		MLISc., MPhil.		
9	Publication details				
No	Title of book chapter	Book		Year	National/International ISBN
1	Union catalogue of libraries of institutions of higher education in Kerala: A proposal	In Annu George, Savithry T.K., Vimal Kumar V., and Jasimudeen S., Eds. <i>Paradigm Shift in Libraries: A Festschrift to Rev. Fr. Jose Viruppal</i>		2015	International 9788192777818
2	Union Catalogue of Digitised Documents in India	In G. Devarajan, K. C. Abdul Majeed, Dineshan Koovakkai, P. K. Suresh Kumar, and S. Beena, Eds., <i>Blended libraries and information centres: A blueprint for the development of information profession in India: Essays in honour of Dr. K. P. Vijayakumar</i>		2015	National 9788186660232

10	A - Publication per faculty B - Number of papers published in peer reviewed journals (national / international) by faculty C - Number of publications listed in International Database D - Chapter in Books E - Books Edited F - Books with ISBN/ISSN number with details of publishers G - Sessions chaired in national conferences H - Conference papers I - h index									
	Name of faculty	A	B	C	D	E	F	G	H	I
	Sanjo Jose	4		2	2	-	-	1	1	2
11	Details of Infrastructural facilities									
	Library			93157 books						
	Internet facilities for Staff & Students			40 terminals with internet facility, NLIST and online journals and database access for staff and students						
12	Teaching methods adopted to improve student learning									
	<ul style="list-style-type: none">• The Department of Library conducts orientation programmes for the users to impart awareness about the library and information resources for the users.• The Librarian provides articles primarily for review of literature and assistance in searching databases to those required.• The Department of Library provides its users with originality report after checking their articles for similarity using plagiarism check software, on request. This helps them to avoid unintentional plagiarism to a great extent.									
13	SWOC analysis of the department and Future plans									
	Strengths									
	<ul style="list-style-type: none">• One of the oldest and largest college libraries in Kerala• Centralised and online catalogue search facility with global access• Well equipped e-library with online resources• Access to plagiarism check software• Well qualified and experienced faculty									
	Weakness									
	<ul style="list-style-type: none">• Decentralised library sections• Lack of technical support staff									
	Opportunity									
	<ul style="list-style-type: none">• To work in collaboration with nearby college libraries.• To cooperate with all other types of information centres in Thrissur Corporation area• Orientation talks and invited lectures by eminent resource persons									

	Challenges
	<ul style="list-style-type: none">• Attracting users to library in the “Google” era• Inculcating reading habit in students• Improving the number of members of academia using subscribed online resources
	Future plans
	<ul style="list-style-type: none">• A Library section for Media with movies and other multimedia content,• An Online Magazine for the students of the College to exhibit their literary and artistic skills,• An Institutional Repository showcasing the scholarly works of the academia of the College,• Online availability of news clippings about the College,• Online Database of previous years’ question papers,• A consistent medium to document and present data on the research atmosphere of the College,• A Union Catalogue of all Libraries in Thrissur Municipal Corporation,• A Union Catalogue of all digitised documents in Thrissur Municipal Corporation,• A Publication Division for the College to publish articles and books by the members of the faculty and researchers, and• A Central Library with all modern amenities in the proposed Centenary Campus.

POST-ACCREDITATION INITIATIVES

St. Thomas' College has been consistently involved in renewing strategies and policies to face the challenges of emerging requirements of the knowledge initiatives, job market and research areas around the world. The second cycle of accreditation provided an ample opportunity to identify and materialize a new scheme of practice which would lead to autonomy in the near future. All academic endeavours of the College in the last five years were targeted towards the evolving drive towards autonomous status and the mission was accomplished in 2014.

CRITERION I: CURRICULAR ASPECTS

- New regulation and curriculum were designed as part of the status of autonomous.
- New UG and PG programmes initiated at multiple levels.
- At the U.G. level, the following programmes were launched.
 - a. Aided Sector : B.Voc. in Digital Film Production
: B.Voc. in MLT
: Diploma in Visual Communication
 - b. Unaided Sector: B.V.C, BMMC, BBA, B.Com, BCA.
- And at the P.G. level, one programme was initiated.
 - a. Master of Visual Communication (M.V.C.)
- Skill based programmes initiated under the rubric of SASAP.
- Examination Manual was published for the benefit of student community.
- Significant changes in syllabus were introduced.
- The curriculum for Certificate (add on) courses were formulated.
- Interaction with stake holders for curriculum development started.
- Controller of Examinations office has been established with staff, facilities and vehicle.
- The Question papers are set by external experts started as part of the autonomous status.
- Introduced two separate courses in Mathematics as complimentary depending on the Core subjects.

CRITERION II: TEACHING-LEARNING AND EVALUATION

- Orientation programmes for students after the admission has become a regular practice.
- Orientation on Library and Information resources for freshers started.
- Computer training for students made available.
- Remedial Coaching for weaker sections made intense.
- Multimedia enabled class rooms established in large scale.
- ASAP, WWS, ESPEP, SASAP, EXCEL programmes launched for students coaching/training.
- Career orientation programmes for better job opportunities was expanded.
- Encouragement to faculty to take part orientation and refresher courses is intensified.
- More faculty with research degrees enhances quality of teaching.
- Academic Calendar for prompt schedule of teaching learning and evaluation introduced.

- College Manual contains all necessary information of autonomous institution.
- Online Academic Management System for admission and results was introduced.
- Online Integrated Library Management System was introduced.
- Counselling Cell and Counselling Centre for students introduced.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

- Five new research centres have been started.
- Number of research supervisors is raised to 23 and the number of research scholars to 53.
- Research publications have increased substantially in the last five years.
- Number of faculty with Ph.D. and M.Phil increased significantly.
- Research council is instrumental in generating research environment.
- A remarkable number of projects through the encouragement of Research Council
- DST and FIST funding is granted to device an advance science laboratory.
- Sophisticated Instrumentation Maintenance Facility Centre is in the pipe line
- Two research journals are being published annually.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

- An open air theatre named *Gandhi Smriti* was opened in 2013, in memory of Mahatma's visit to the College on 14th October, 1927.
- Four halls namely Mar Francis Vazhappilly Hall, Mar George Alappatt Hall, Mar Joseph Kundukulam Hall and Haritham Hall as well as Msgr. John Palocaren Square were added.
- An Automated Teller Machine (ATM) of State Bank of India has been installed in the College campus which is meant for the staff, students and the general public.
- E-library for accessing online information resources was constructed.
- Pavements and Ramps have been constructed in the Administrative and Academic Blocks.
- New Rest Rooms for boys and girls have been created in Administrative and Academic Blocks.
- New Rooms for Vice Principals, General Staff, Guests and Counseling were added.
- Prayer Hall has been added.
- Computer Laboratories for Botany, Zoology, Chemistry, Mathematics and Statistics were constructed. Computer Science Laboratory was expanded significantly.
- Laboratories of Chemistry, Botany and Zoology were constructed with the support of DST-FIST.
- Gas Chromatography-Mass Spectrometry (GC-MS) facility was added with support of UGC.
- Menacherry Hall, Laboratories, Canteen and Gents and Ladies Toilets were renovated.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

- Scholarships and endowments are given focus to support students from weaker sections.

- Inspire and other students' scholarship programmes are promptly informed and encouraged.
- Remedial coaching for SC/ST and minority students are intensified.
- NET/JRF coaching programme in all PG departments.
- Civil service training programme EXCEL was introduced.
- ASAP, WWS, SASAP, remedial coaching have become the new initiatives for students training.
- CSDP soft skill and communication skill training programme
- Financial Support for student and teacher participation in seminars and conferences.
- Students' Insurance programme was introduced.
- Career orientation and placement cell has established links with more industries and firms.
- Tutorial system is made more effective.
- Counselling Cell and Counselling Centre (for both students and Public)

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

- Governing Council is established as the supreme body for policy making and Governance.
- Academic Council and Boards of Studies were constituted with eminent experts as a part of the autonomy drive.
- Controller of Examinations Office was established with infrastructure and technical staff.
- Decentralised governance has become a real practice.
- IQAC conducts academic audit to assess academic growth and development.
- Student Evaluation of Teachers (SET) conducted annually and Feed Back programme through College website is always available.
- Academic Management System for admission, administration, evaluation and management.
- Integrated Library Management System includes all activities related to library administration.

CRITERIA VII: INNOVATION AND BEST PRACTICES

- Environmental awareness programmes launched.
- Green audit is started.
- Energy conservation programmes have become a part of the policy of the institution.
- Water conservation programmes were started.
- Waste management system is made more effective.
- Citation Analysis Scheme for scholarly articles written by faculty and research scholars in the College.
- Development of two Curricula for Skill based degree programmes launched.
- St. Thomas' For Society (SFS), a social activity programme which brings together all charity and community programmes has been introduced.
- St. Thomas for Students' Excellence (SSE) to initiate coaching and training in curricular and career opportunities was started.

FUTURE PLANS FOR THE NEXT FIVE YEARS

- Language Lab with 50 terminals for Communication skill development project: All students complete communication training programme once during their studies
- Smart class rooms with high speed internet and multimedia facilities for enhanced teaching and learning.
- Career orientation and soft skill development in collaboration with industry. Training programme will be designed by experts from industry
- Finishing School for final year graduates: The proposed finishing school is capable of providing professional training to students.
- Skill based add-on courses in all disciplines will be implemented.
- Centralised library and resource centre in the Centenary Campus
- Multimedia and smart board enabled laboratories for post graduate and graduate students. .
- Research orientation programmes and methodology courses will be made as part of curriculum in all disciplines at PG level.
- Students will have more opportunities to interact with industry by inviting chiefs of industry to the campus frequently.
- Sophisticated Instrumentation Facility Centre for research scholars and the facility will be made available for other research institutions too.
- Promote Interdisciplinary research in emerging areas by incorporating other research institutions.
- Online Journal resources in Arts, Humanities and Sciences will be made available to all students.
- Encourage and support research scholars and faculty to generate more patents and research publications
- Research Collaboration with Internationally reputed institutes will be initialised and the agenda include exchange of research scholars.
- SFS: St. Thomas for Society project will be implemented in new areas such as pain and palliative care, trauma counselling and Old age homes
- St. Thomas for Students Excellence (SSE) project will attain new dimensions by expanding its scope to village school children and socially backward communities.
- Soft skill development training for under privileged students with professional support.
- Strengthening community based programmes by instilling social commitment among students.
- Audio Video Programme Centre for Educational programmes.
- Strengthen Career Guidance and Placement Cell services and make it available to public.
- Curriculam design as per international standards.
- Encourage students' participation in sports and Games to promote the culture of health.
- Seminars, Conferences and Workshops at various levels.



ST. THOMAS' COLLEGE

(Autonomous)

THRISSUR - 680 001, KERALA, INDIA

(Affiliated to the University of Calicut & Nationally Re-accredited with 'A' Grade)

Web:- <http://stthomas.ac.in>

Email:- stcthrissur@gmail.com

Phone:- +91 487 2420435

Fax:- +91 487 2421510

Estd. 1889

Declaration by the Head of the Institution.

I certify that the data in this Self Study Report(SSR) are true to the best of my knowledge.

This SSR is prepared by the Institution after internal discussions and no part thereof has been outsourced.

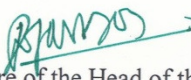
I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Thrissur

Date 26/03/2016



Signature of the Head of the institution with seal


Dr. Jenson P O
Principal
St. Thomas' College
(Autonomous)
Thrissur - 680 001



ST. THOMAS' COLLEGE

(Autonomous)

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Estd. 1889

CERTIFICATE OF COMPLIANCE

This is to certify that *St Thomas' College (Autonomous), Thrissur* fulfils all norms

1. Stipulated by the affiliating University – University of Calicut
2. Regulatory council / Body - UGC and
3. The affiliation and recognition is valid as on date – Permanent Affiliation.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be send.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 26/03/2016

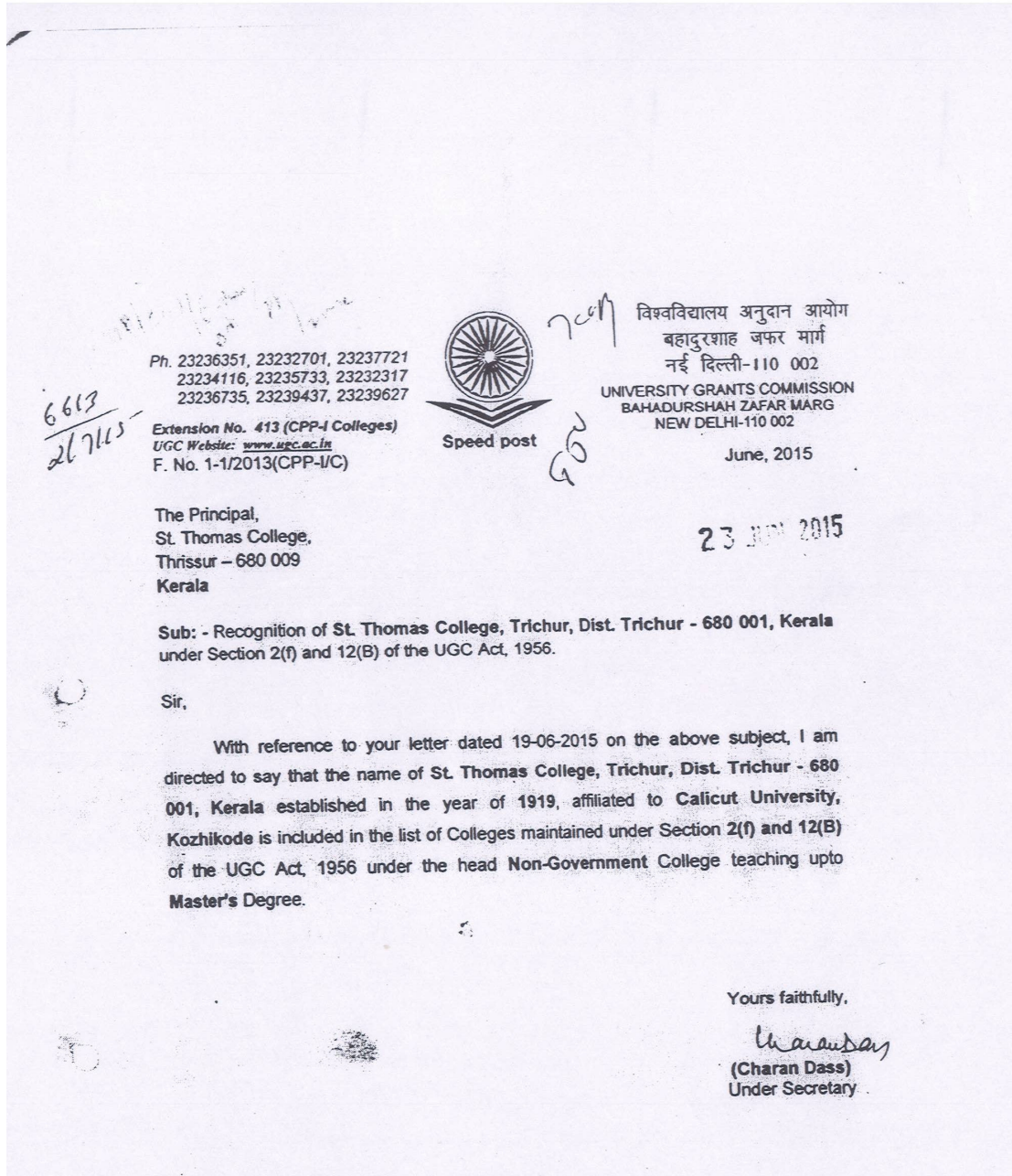
Place: Thrissur



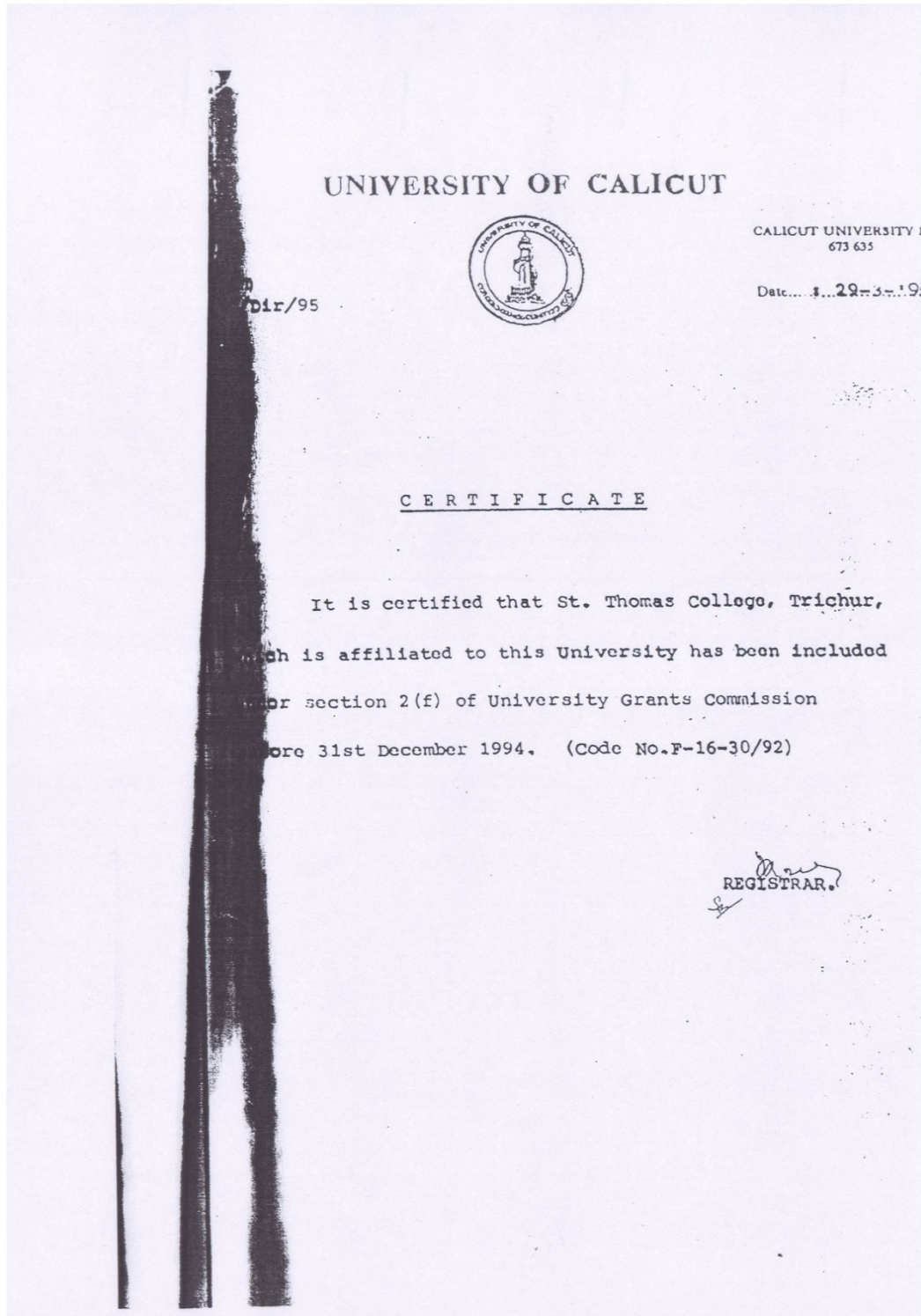

Dr Jenson P O
Principal

Dr. Jenson P O
Principal
St. Thomas' College
(Autonomous)
Thrissur - 680 001

Encl: 1.1



Encl: 1.2



Encl: 2



भारत सरकार

राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग

GOVERNMENT OF INDIA

NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS

F. NO. 5 OF 2009 - 37004

प्रथम तल, जीवन तारा भवन, ५, संसद मार्ग

पटेल चौक, नई दिल्ली - ११०००९

1st Floor, Jeevan Tara Building, 5, Sansad Marg

Patel Chowk, New Delhi - 110001

Dated.....

ON CONSIDERATION OF THE DOCUMENTARY EVIDENCE PRODUCED BEFORE THE COMMISSION, THE COMMISSION IS SATISFIED THAT ST. THOMAS' COLLEGE, THRISSUR, KERALA, MANAGED BY THE ROMAN CATHOLIC DIOCESE OF TRICHUR (THE EDUCATIONAL AGENCY), IS A MINORITY EDUCATIONAL INSTITUTION WITHIN THE MEANING OF SECTION 2 (g) OF THE NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS ACT 2004. CONSEQUENTLY, IT IS HEREBY DECLARED THAT THE AFORESAID COLLEGE IS A MINORITY EDUCATIONAL INSTITUTION COVERED UNDER ARTICLE 30 OF THE CONSTITUTION OF INDIA.

GIVEN UNDER MY HAND AND THE SEAL OF THE COMMISSION ON THIS 28TH DAY OF JULY 2009.




(R. RENGANATH)
SECRETARY

सुनिता/Secretary
राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग
NATIONAL COMMISSION FOR
MINORITY EDUCATIONAL INSTITUTIONS
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Encl: 3.1



Encl: 3.2

Criterion	Criterion Score (Ci)	Weightage (Wi)	Criterion X Weightage (Ci x Wi)
I. Curricular Aspects	90	10	900
II. Teaching-learning and Evaluation	80	40	3200
III. Research, Consultancy and Extension	85	05	425
IV. Infrastructure and Learning Resources	85	15	1275
V. Student Support and Progression	80	10	800
VI. Organisation and Management	85	10	850
VII. Healthy Practices	85	10	850
		100	$\Sigma C_i W_i = 8300$

Institutional Score = $\frac{\Sigma C_i W_i}{\Sigma W_i} = \frac{8300}{100} = 83.00$

K. Aravind
Director

Encl: 4.1



Encl: 4.2



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : St. Thomas' College
Place : Thrissur, Kerala

Criteria	Weightage (W _i)	Criterion-Wise Grade Point Averages (Cr _i GPA)	W _i X Cr _i GPA
I. Curricular Aspects	050	3.00	150
II. Teaching-Learning and Evaluation	450	3.83	1725
III. Research, Consultancy and Extension	100	3.40	340
IV. Infrastructure and Learning Resources	100	3.40	340
V. Student Support and Progression	100	3.70	370
VI. Governance and Leadership	150	3.23	485
VII. Innovative Practices	050	3.40	170
Total	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA}) = 3580$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA})}{\sum_{i=1}^7 W_i} = \frac{3580}{1000} = 3.58$$

Grade = A **Descriptor** = VERY GOOD

Date : January 08, 2011



Director

- This certification is valid for a period of Five years with effect from January 08th 2011
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer

EC/54/RAR/053

Encl: 5

NAAC for Quality & Excellence in Higher Education

PEER TEAM REPORT ON

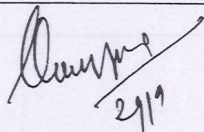
Institutional Reaccreditation of

St. Thomas' College

Place: Thrissur

State: Kerala

Section I: GENERAL	Information
1.1 Name & Address of the Institution:	ST THOMAS' COLLEGE, THRISSUR, KERALA – 680001
1.2 Year of Establishment	1919
1.3 Current Academic Activities at the Institution (Numbers):	
• Faculties/ School:	3 (Arts, Science, Commerce)
• Department/ Centres:	16
• Programmes/ Courses offered:	UG 13 PG 12 Ph.D. 3 Certificate 3 PG Diploma 1
• Permanent Faculty Members:	78
• Permanent Support Staff:	46
• Students	2203
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> ▪ The Oldest Catholic college in the state of Kerala. ▪ Women students constitute 56% of the students enrolled. ▪ Good pass percentage and many University rank holders.
1.5 Dates of visit of the peer Team (A detailed visit schedule may be included as Annexure):	27 th – 29 th September, 2010
1.6 Composition of the Peer Team which undertook the on-site visit:	
Chairperson	Prof. K. M. Kaveriappa
Member Co-ordinator	Dr. Savita R. Gandhi
Member	Dr. M. S. Khanchi
NAAC Officer	Mr. B. S. Ponmudiraj


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reaccreditation report – St. Thomas' College, Thrissur, Kerala

1

Section II: CRITERION WISE ANALYSIS	Observations(Strengths and/or Weaknesses) on Key-Aspects (Please limit to <i>three major ones</i> for each and use telegraphic language (It is not necessary to indicate all the three bullets each time; write only the relevant once)
2.1 Curricular Aspects:	
2.1.1 Curriculum Design & development:	<ul style="list-style-type: none"> Curriculum design is in conformity with goals and objectives. Being affiliated to the University of Calicut, the College follows curriculum designed by the University. Syndicate and Senate of the University of Calicut are represented by one faculty each of the College.
2.1.2 Academic flexibility	<ul style="list-style-type: none"> College offers 13 programs in UG and 12 programs in PG, and Ph.D. programs in 3 subjects. Academic flexibility is not available. The College offers B.Sc. & M.Sc. in Computer Science, M.Sc. Electronics and MSW under self-financing scheme.
2.1.3 Feedback on Curriculum:	<ul style="list-style-type: none"> Informal feedback is available.
2.1.4 Curriculum update	<ul style="list-style-type: none"> Affiliating University revises curriculum once in every three to five years. UGC recommended curriculum broadly accepted in the University. Thirteen members of staff on Boards of Studies of the University.

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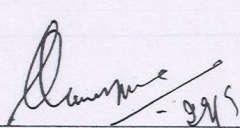
2.1.5 Best Practices in Curricular aspects (If any):	<ul style="list-style-type: none"> ▪ Introduction of 4 self-financing courses relevant to the needs of the society.
2.2 Teaching - Learning & Evaluation:	
2.2.1 Admission Process and Student Profile:	<ul style="list-style-type: none"> ▪ Admission based on eligibility and merit. ▪ Fixed quota for different categories of students including minorities. ▪ Admission needs to be made transparent through advertisements in newspapers and college website.
2.2.2 Catering to the diverse needs:	<ul style="list-style-type: none"> ▪ Women students constitute 56% of the total student strength. • Remedial coaching for SC/ST/OBC and weaker students arranged. • Advanced and slow learners are identified on the basis of examination results. • Institution is sympathetic to disadvantaged community.
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none"> • Academic calendar is designed and given to students in the beginning of the academic year. • Predominantly lecture method of teaching followed. • Limited use of modern teaching aids. • In certain courses fieldwork is conducted.

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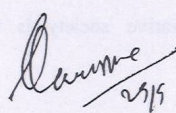
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2.2.4 Teacher Quality:	<ul style="list-style-type: none"> Teachers are recruited as per Govt./UGC/University norms. Teachers attend refresher and orientation courses and organize seminars/workshops. 45% of faculty members have Ph.D. as the highest qualification.
2.2.5 Evaluation process and Reforms:	<ul style="list-style-type: none"> College follows the evaluation system prescribed by the University. Students are made aware of evaluation process. Grievances regarding evaluation are redressed as per University rules.
2.2.6 Best Practices in Teaching-learning and Evaluation (If any):	<ul style="list-style-type: none"> Good number of teachers in different departments have Ph.D. as the highest qualification. Fee concessions, scholarships, prizes are awarded to the students who excel in academics and co-curricular activities. College conducts quarterly and half yearly exams and students have access to evaluated answer books.
2.3 Research, Consultancy & Extension:	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> Research committee helps to promote research activity. The college encourages teachers and students to pursue research. Separate budget for promoting research will be helpful.

Signature
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<p>2.3.2 Research and Publications Output:</p>	<ul style="list-style-type: none"> College is a recognized research centre of the affiliating university in the subjects of English, Chemistry and Zoology. Eight teachers are recognized as research guides. There are 5 major and 15 minor ongoing research projects. Departments of English and History bring out research journals regularly. A good number of books have been published and papers presented in conferences.
<p>2.3.3 Consultancy:</p>	<ul style="list-style-type: none"> Some departments offer consultancy services in an informal way. One teacher has applied for a patent in bacterial toxin production.
<p>2.3.4 Extension Activities:</p>	<ul style="list-style-type: none"> Community development/awareness programmes are undertaken through NSS. Blood donation is a regular feature. NCC and NSS units are active.
<p>2.3.5 Collaborations:</p>	<ul style="list-style-type: none"> KELTRON industry has established a laboratory in the college. English department coordinates Indo-German cultural exchange program.
<p>2.3.6 Best Practices in Research, Consultancy and Extension (If any):</p> 	<ul style="list-style-type: none"> Prestigious fellowships like Humbolt, Fulbright, Boyscast and UGC post-doctoral research awards. Innovation and manufacturing of low cost energy saving bulbs and supplying them to rural people. Innovation of portable energy efficient UPS system.

2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities for Learning	<ul style="list-style-type: none"> ▪ Campus area of 11.80 Acres in the heart of the town with built up area of 82508 Sq.mtrs. with sufficient number of class rooms, auditorium, seminar hall, labs etc. ▪ Good and well-maintained Boys' hostel. ▪ Good sports infrastructure.
2.4.2 Maintenance of Infrastructure:	<ul style="list-style-type: none"> ▪ Proper maintenance of buildings and infrastructure. ▪ Furniture, equipments need to be modernized. ▪ Generator facility provided.
2.4.3 Library as a Learning Resources:	<ul style="list-style-type: none"> ▪ There are three different libraries on the campus. ▪ Computerization process is in progress. ▪ Good collection of books and subscriptions of journals and internet facility. ▪ Library needs to be centralized.
2.4.4 ICT as Learning Resources :	<ul style="list-style-type: none"> ▪ Two Computer labs are available and all the 16 departments are provided with computers and internet. ▪ Institution has its website <www.stthomas.ac.in> ▪ Additional computers are required for some departments.
2.4.5 Other Facilities:	<ul style="list-style-type: none"> • Canteen, intercom and parking facilities are satisfactory. • Students' cooperative society is well managed.

2.4.6 Best Practices in the development of Infrastructure and Learning Resources (If any):	<ul style="list-style-type: none"> • Student friendly atmosphere. • Optimum utilization of space and infrastructure. • Good sports infrastructure and excellent training of students in sports and games.
2.5 Student Support and Progression :	
2.5.1 Student Progression:	<ul style="list-style-type: none"> • Adequate representation for marginalized social groups and girls. • 35% students go for higher studies. • Examination results are impressive. • Counseling and Placement Cell help students to build career.
2.5.2 Student Support:	<ul style="list-style-type: none"> • Financial aid for less privileged. • Grievance Redressal Cell for the students. • Alumni association supports students by awarding scholarships and prizes.
2.5.3 Student Activities:	<ul style="list-style-type: none"> ▪ College magazine published regularly. ▪ Outstanding achievements of students in sports and games at national and international level. ▪ Cultural activities of the students visible.
2.5.4 Best Practices in Student Support and Progressing (If any):  25/5	<ul style="list-style-type: none"> ▪ Students receive good support through counseling and placements. ▪ Alumni well placed in public life. ▪ Excellent training for students in sports and games and their impressive performance in national and international events.

NAAC for Quality & Excellence in Higher Education

2.6 Governance and Leadership:	
2.6.1 Institutional Vision and Leadership:	<ul style="list-style-type: none">• Though established in the heart of the city the College caters to the needs of the students from semi-urban and rural areas.• Management is striving to maintain the academic, research and extension activities in accordance with its goals and objectives.
2.6.2 Organizational Arrangements:	<ul style="list-style-type: none">• The College is headed by the Bishop of Thrissur Archdiocese.• Management meets the staff once every term.• Effective internal co-ordination exists between Management, Principal, faculty and non-teaching staff.
2.6.3 Strategy development and deployment:	<ul style="list-style-type: none">• Several committees constituted to undertake institutional activities.• The college has an effective MIS.
2.6.4 Human Resource Management:	<ul style="list-style-type: none">• Appointment of permanent faculty as per Govt./University norms.• Guest Lecturers recruited by the management for additional workload.• Self assessment and career advancement scheme for teachers in place.
2.6.5 Financial Management and Resource Mobilization:	<ul style="list-style-type: none">• Financial support mainly from the State Government and audit mechanism in place.• Funds for expansion and maintenance of infrastructure mobilized from internal resources.• External funding may be explored.

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2.6.6 Best Practices Governance and Leadership (If any):	<ul style="list-style-type: none"> Decentralization of work and distribution of responsibilities. Proper co-ordination between the Principal, departments and administrative wing. College office is well organized.
2.7 Innovative Practices:	
2.7.1 Internal Quality Assurance System:	<ul style="list-style-type: none"> Internal Quality Assurance Cell (IQAC) established and active. Supervisory, monitoring mechanisms in place.
2.7.2 Inclusive Practices:	<ul style="list-style-type: none"> Admission is given to students of different categories including SC/ST and handicapped. Special concern for disadvantaged students. Gender representation is more than adequate.
2.7.3 Stakeholder Relationships:	<ul style="list-style-type: none"> Good relationship among all the stakeholders. The institution guides the local community in higher education.
Section III: OVERALL ANALYSIS	Observations (Please limit to five major ones for each and use telegraphic language) (It is not necessary to denote all the five bullets for each).
3.1 Institutional Strengths:	<ul style="list-style-type: none"> The College has established itself as a premier higher education institution in the region. Strong, well qualified and dedicated faculty. Disciplined students and their good performance in curricular, co-curricular and extra-curricular activities. Effective utilization of space and infrastructure.

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3.2 Institutional Weaknesses:	<ul style="list-style-type: none">▪ Potential for diversification of the course need to be tapped.▪ There may be space constraints for future development.▪ Expansion of facilities for women needed.
3.3 Institutional Opportunities:	<ul style="list-style-type: none">• The institutional should avail special development assistance of UGC in areas which are left uncovered.• There is scope for introducing locally relevant programmes like fashion designing, beautician training, medical lab technology, tourism, multimedia and animation.• Facility for coaching in Civil Services and other competitive exams will be of great help.
3.4 Institutional Challenges:	<ul style="list-style-type: none">• Communication skill to be developed to increase employability of the students.• Modern teaching method with ICT facility to be increased for dynamic learning orientation in the college.• More PG departments should seek recognition as research centres.

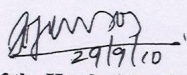
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Section IV: Recommendation for Quality Enhancement of the Institution

(Please limit **ten major ones** and use telegraphic language)
(It is not necessary to indicate all the ten bullets)

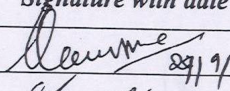
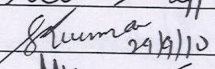
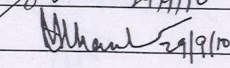
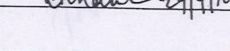
- Introduce more career-oriented courses.
- Language lab for spoken English should be established and communication skill should be strengthened.
- Alumni activities to be strengthened and activated to generate funds for the college development.
- Library should be fully computerized and UGC assistance should be availed for preserving old books.
- The College should make use of UGC INFONET/DELNET facilities.
- Girls' hostel should be constructed with UGC assistance.
- A women study centre must be established with UGC assistance.
- A coaching centre for UGC-CSIR-NET and other competitive examinations should be established with UGC assistance.

I have read the report and agree with the observations of Peer Team.


Signature of the Head of the Institution
Dr. JENSON P.O.
PRINCIPAL

Seal of the institution
ST. THOMAS COLLEGE
THRASSUR

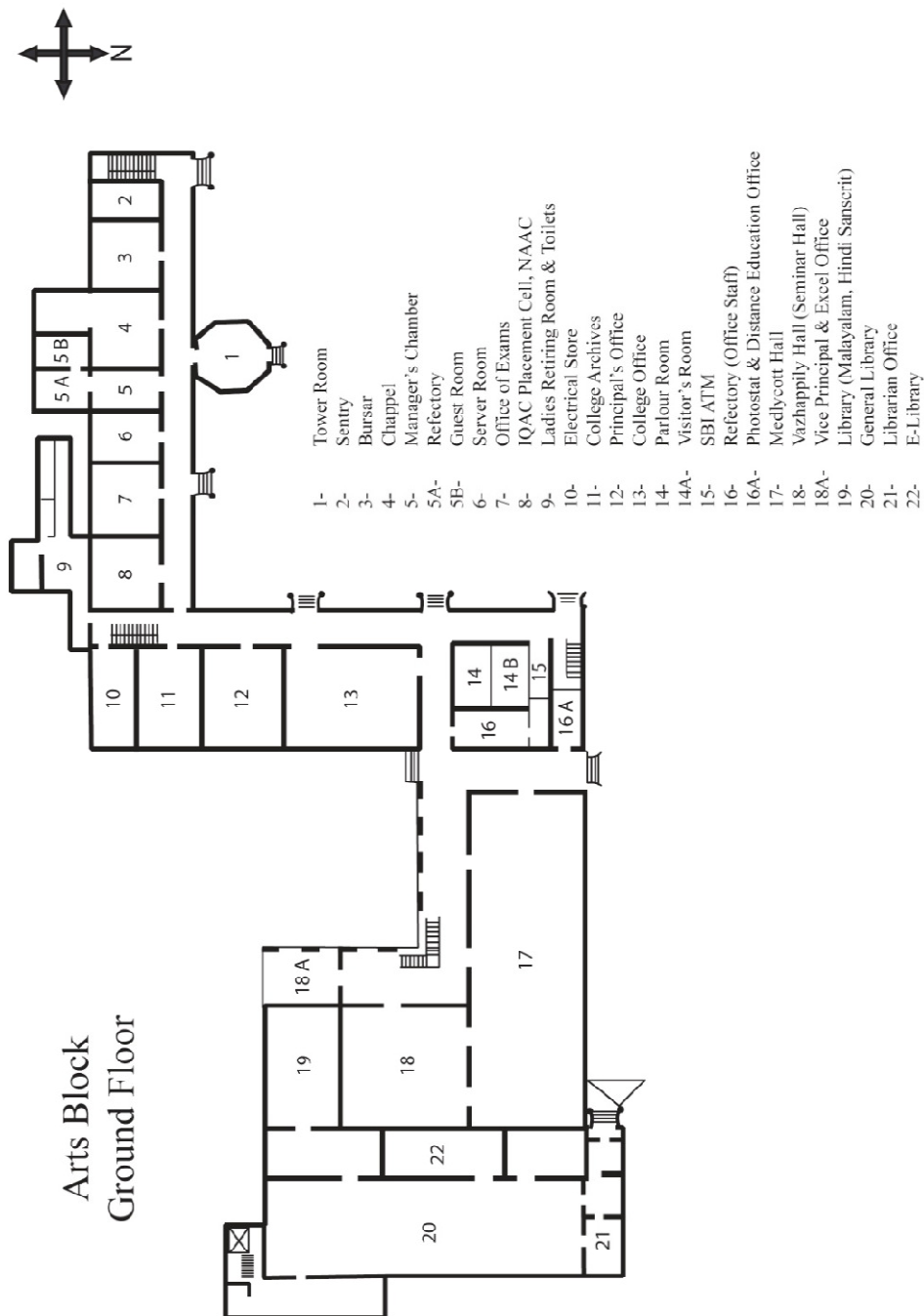
Signatures of the Peer Team Members:

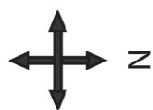
Name	Designation	Signature with date
Prof. K.M. Kaveriappa	Chairman	 29/9/10
Dr. Savita R. Gandhi	Member Co-ordinator	 29/9/10
Dr. M.S. Khanchi	Member	 29/9/10
Mr. B.S. Ponmudiraj	Assistant Adviser	 29/9/10

Place: Thrissur

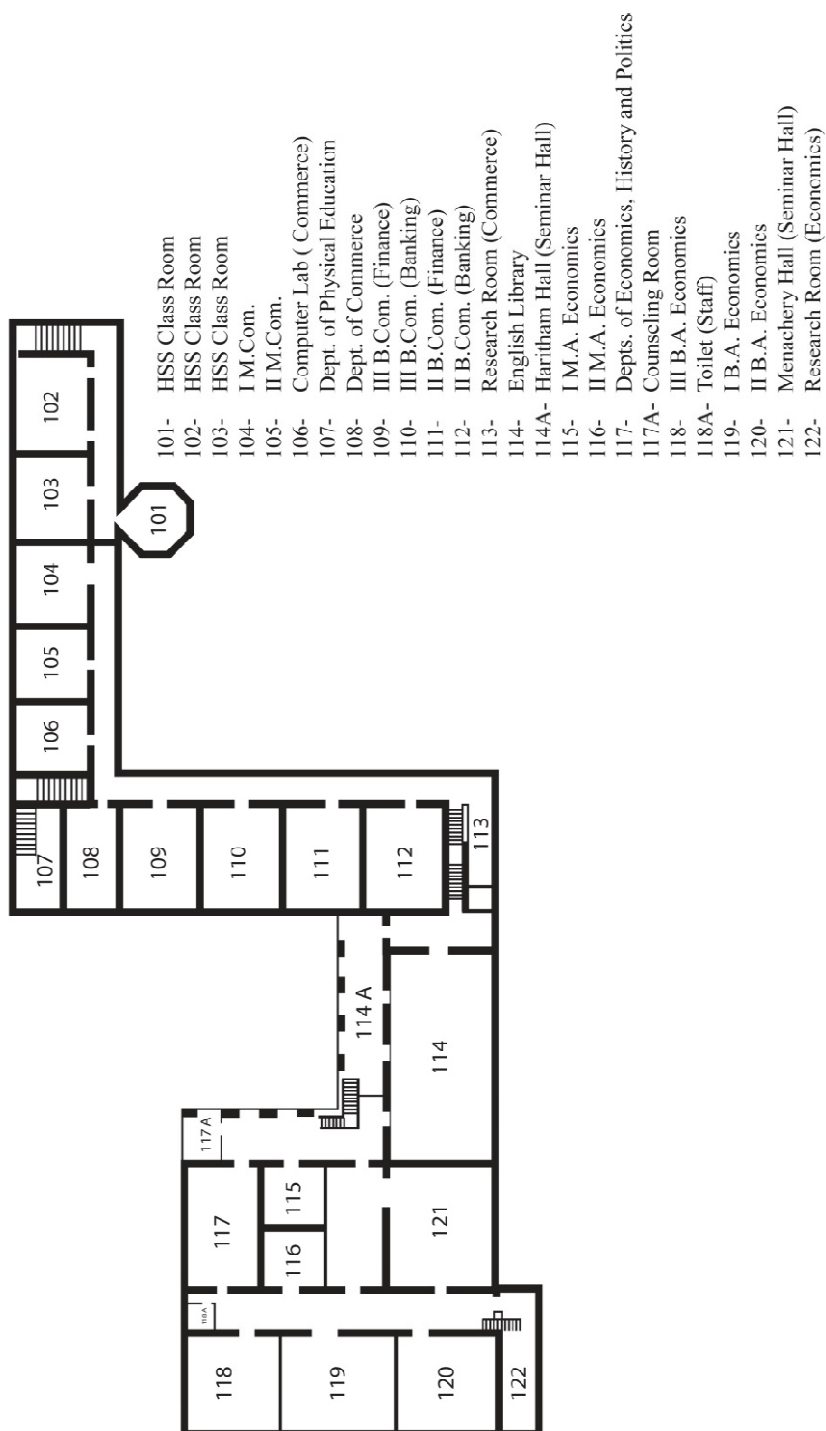
Date: 29 September 2010

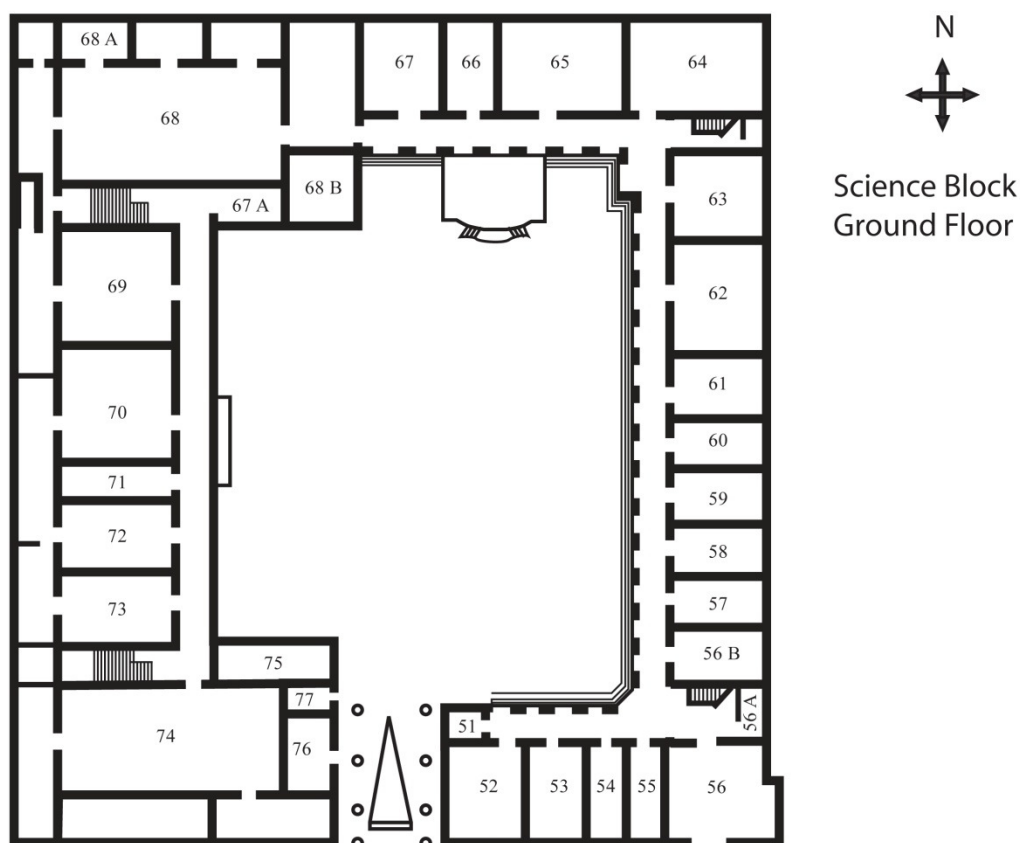
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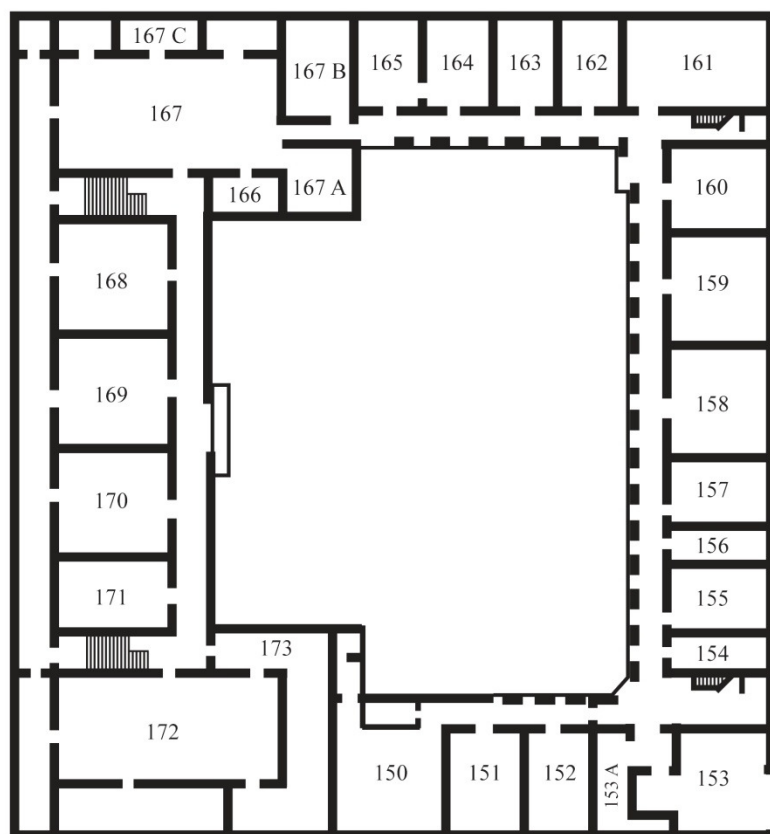


Arts Block First Floor





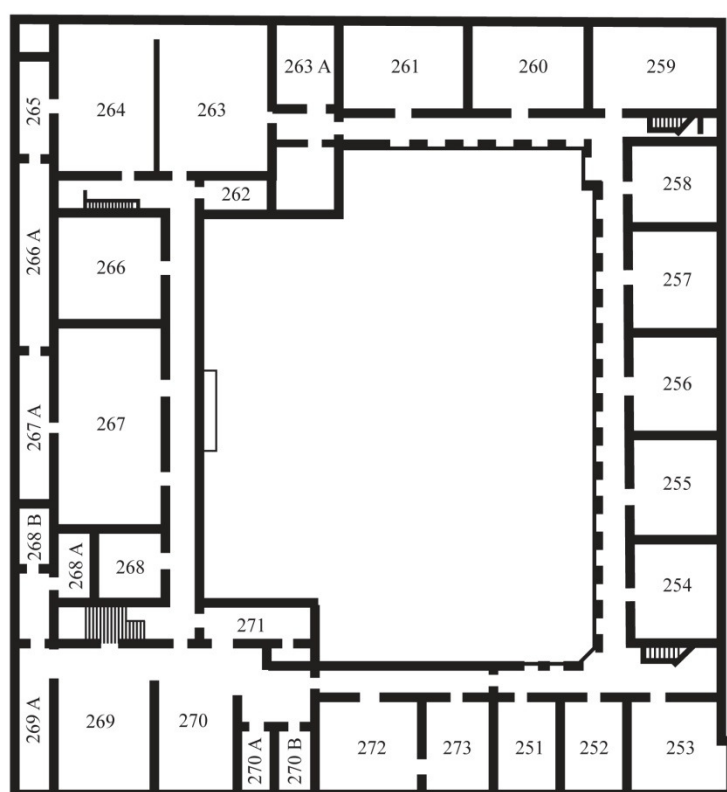
- | | |
|-------------------------------------|--|
| 51- Co-Operative Store | 70- III B.Sc. Chemistry |
| 52- Ladies Retiring Room & Toilets | 71- Computer Lab (Chemistry) |
| 53- N.C.C. SW Office | 72- I B.Sc. Chemistry |
| 54- Malayalam Department | 73- II B.Sc. Chemistry |
| 55- Retiring Room (Lady Teachers) | 74- B.Sc. Chemistry Lab (Main) |
| 56- Canteen | 75- DST (FIST) Sponsered instrumentation Lab |
| 56A- Toilet (Staff) | 76- General Staff Room (Teachers) |
| 56B- II PG Statistics | 77- Vice Principal |
| 57- Dept. of Statistics | |
| 58- Resarch Room (Statistics) | |
| 59- I PG Statistics | |
| 60- III B.Sc. Statistics | |
| 61- II B.Sc. Statistics | |
| 62- III B.A. English & History | |
| 63- I B.Com. Finance | |
| 64- I B.Com. Banking | |
| 65- Research Lab (Chemistry) | |
| 66- Industrial Catalysis Laboratory | |
| 67- GC-MS Facility Centre | |
| 67A- HOD Room (Dept. Chemistry) | |
| 68- Chemistry Lab (M.Sc.) | |
| 68A- I M.Sc. Chemistry | |
| 68B- II M.Sc. Chemistry | |
| 69- Department of Chemistry | |



Science Block
First Floor

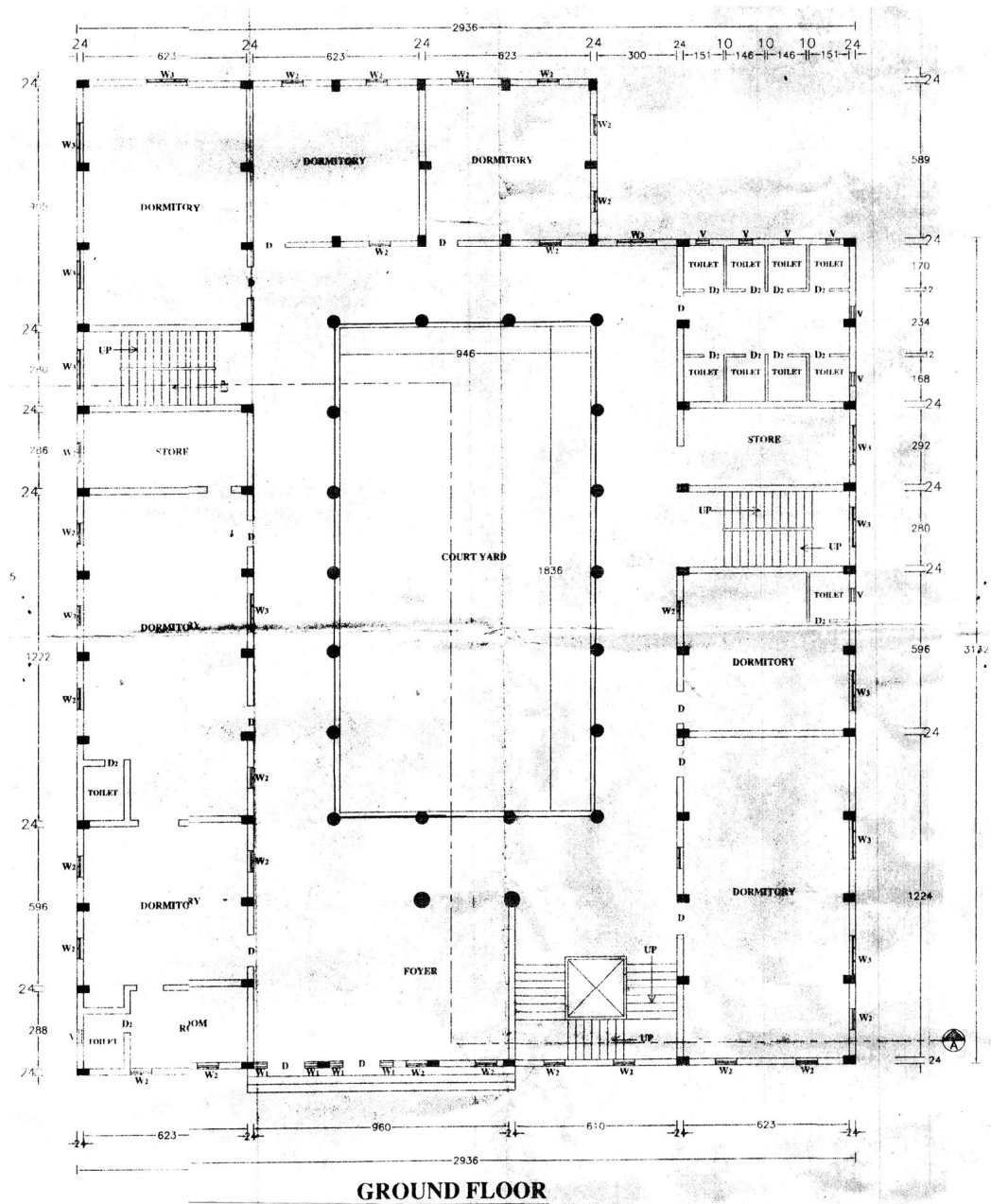


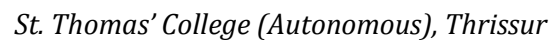
- 150- Dept. of English
- 151- II M.A. English
- 152- I M.A. English
- 153- Computer Lab (Computer Science)
- 153A- Dept. of Computer Science
- 154- I M.Sc. Computer Science
- 155- III B.Sc. Computer Science
- 156- II M.Sc. Computer Science
- 157- II B.Sc. Computer Science
- 158- II B.Sc. Mathematics (B Batch)
- 159- II B.Sc. Mathematics (A Batch)
- 160- III B.Sc. Mathematics (B Batch)
- 161- III B.Sc. Mathematics (A Batch)
- 162- I M.Sc. Mathematics
- 163- II M.Sc. Mathematics
- 164- Dept. of Mathematics
- 165- Research Room (Mathematics)
- 166- I M.Sc. Physics
- 167- Physics Lab (M.Sc.)
- 167 A- II M.Sc. Physics
- 167 B- Computer Room (Physics)
- 167 C- Mechanic Room
- 168- I B.Sc. Physics
- 169- II B.Sc. Physics
- 170- Project Lab (Physics)
- 171- III B.Sc. Physics
- 172- Physics Lab (B.Sc. Main)
- 173- Dept. of Physics

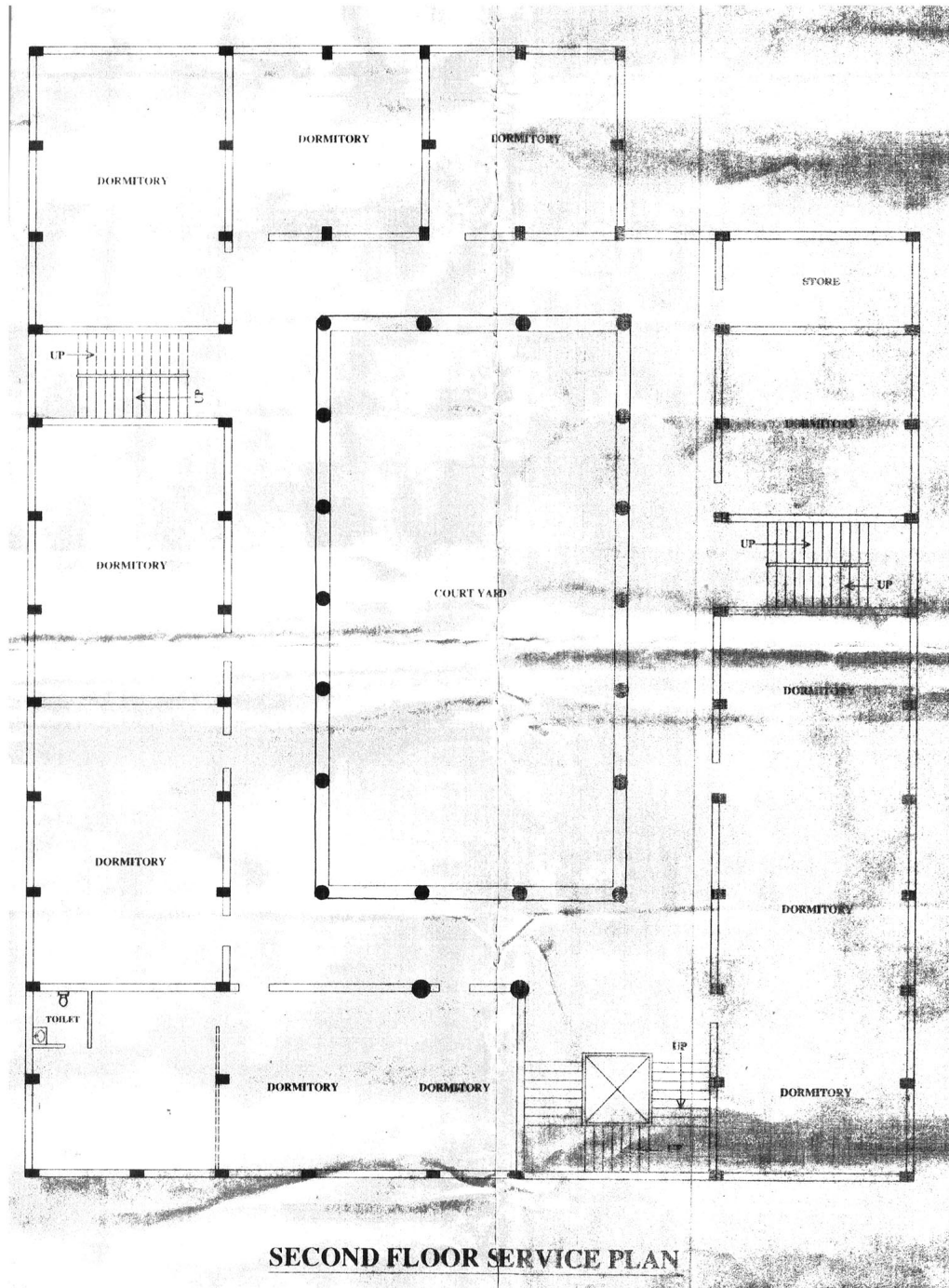


Science Block
Second Floor

- | | | | |
|------|---------------------------|-------|------------------------------|
| 251- | II B.Sc. Botany | 268- | III B.Sc. Botany |
| 252- | I B.Sc. Botany | 268A- | Store (Botany Lab) |
| 253- | I B.A. English & History | 268B- | Computer Lab (Botany) |
| 254- | II B.A. English & History | 269- | B.Sc. Botany Lab (Main) |
| 255- | I B.Sc. Computer Science | 270- | B.Sc. Botany Lab (Sub) |
| 256- | I B.Sc. Statistics | 270A- | Research Lab (Botany) |
| 257- | I B.Sc. Maths (B Batch) | 270B- | II M.Sc. Botany |
| 258- | I B.Sc. Maths (A Batch) | 271- | Department of Botany |
| 259- | I B.Sc. Zoology | 272- | Research Scholar's Room |
| 260- | II B.Sc. Zoology | 273- | I M.Sc. Botany (Lab & Class) |
| 261- | II M.Sc. Zoology | | |
| 262- | HOD Room (Zoology) | | |
| 263- | Zoology Lab (B.Sc. Main) | | |
| 264- | I M.Sc. Zoology | | |
| 265- | Department of Zoology | | |
| 266- | III B.Sc. Zoology | | |
| 267- | Science Library | | |








Encl:-6

Diary No. 4648



ज्ञान-विज्ञान विमुक्तये

विश्वविद्यालय अनुदान आयोग
नैरुत्य प्रादेशिक कार्यालय
UNIVERSITY GRANTS COMMISSION
SOUTH WESTERN REGIONAL OFFICE
P.K. Block, Palace Road, Gandhinagar
Bangalore-560 009.
Phone : (080) 2228 0380 Fax : (080) 2228 0381

3-1(019)/2012(UG)(XII PLAN)/KLCA019/SWRO

The Accounts Officer
South Western Regional Office
University Grants Commission
P.K. Block, Palace Road
Gandhinagar, Bangalore

21-Mar-14

Sub: Release of Grants-in-aid to ST. THOMAS COLLEGE, THRISSUR, for the year 2013-2014 under "General Development Assistance" (Plan)

Sir/Madam,

I am directed to convey the sanction of the University Grants Commission for payment of grant of Rs.2973684/- for the year 2013-2014 equivalent to 40% of XIIth Plan allocation to ST. THOMAS COLLEGE, THRISSUR, for "General Development Assistance" (Plan), expenditure to be incurred during 2013-2014.

NAME OF THE SCHEME	HEAD OF ACCOUNT	ALLOCATION Rs.	GRANT TO BE SANCTIONED BY 2013-14 40% OF ALLOCATION Rs.	GRANT ALREADY SANCTIONED IN 2012-13 AS Ad-hoc GRANT (Other than Building) Rs.	GRANT NOW BEING SANCTIONED (Other than Building) Rs.	BALANCE Rs.
General Development Assistance (Block Grant)	2(B)	8559210/-	3423684/-	450000/-	2973684/-	5135526/-

You are requested to utilise the sanctioned amount proportionately as detailed below :-

GENERAL - 2304605.1/-	SC 446052.6/-	ST - 223026.3/-
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- The amount released may be utilised within the allocated amount under Grant-in-aid General (31) and Capital Assets (35) as conveyed vide letter no. 3-1(019)/2012(UG)(XII PLAN)/KLCA019/SWRO dated 21-Mar-2014. Re-appropriation of funds between Grant-in-aid General (31) and Capital (35) is not permissible.
- The sanctioned amount is debitable to 2(B) and is valid for payment during the financial year 2013-2014 only.
- The amount of the Grant shall be drawn by the Accounts Officer/Drawing and Disbursing Officer, South Western Regional Office, UGC, Bangalore on the Grants-in-aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode as per the following details:
 - Details (Name & Address) of Account Holder: ST. THOMAS COLLEGE, THRISSUR,
 - Account No: 0720101056040
 - Name & address of Bank branch: CANARA BANK, THRISSUR MAIN ROAD SOUTH,, THRISSUR
 - MICR Code: 680015002
 - IFSC Code: CNRB0000720
 - Type of Account: SB
- This grant can be availed by aided colleges/courses only.
- The grant is subject to the adjustment on the basis of utilisation certificate in the prescribed proforma submitted by the College.
- The college shall maintain proper accounts of the expenditure out of the grants which shall be utilised only on approved items of expenditure.
- The College may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guidelines there under from time to time.

Contd.2



विश्वविद्यालय अनुदान आयोग
नैरुत्य प्रादेशिक कार्यालय
UNIVERSITY GRANTS COMMISSION
SOUTH WESTERN REGIONAL OFFICE
P.K. Block, Palace Road, Gandhinagar
Bangalore-560 009.
Phone : (080) 2228 0380 Fax : (080) 2228 0381

3-1(019)/2012(UG)(XII PLAN)/KLCA019/SWRO

The Accounts Officer
South Western Regional Office
University Grants Commission
P.K. Block, Palace Road
Gandhinagar, Bangalore

30-Mar-13

Subject: Financial Assistance for the scheme pertaining to College Development Assistance -
Undergraduate Education - reg.

Sir/Madam

With reference to the subject cited above, I am directed to convey the sanction of the Commission for payment of Rs.450000 /- to the Principal, ST. THOMAS COLLEGE, THRISSUR, as advance grant (XII Plan) for the above mentioned scheme, pending finalisation of XII plan allocation, as per the details given below.

Items	Amount Sanctioned
1. EQUIPMENT	225000
2. BOOKS, JOURNALS, STUDY MATERIALS	225000
TOTAL	450000

You are requested to utilise the sanctioned amount as detailed below :-

GENERAL -	Rs.306000	SC -	Rs.94500	ST -	Rs.49500
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The above grant shall be adjusted with XII plan allocation under the scheme.


Expenditure should be made strictly as per the prevailing guidelines (XI Plan) of the scheme, until the finalisation of XII Plan guidelines .

The audited utilisation certificate and audited statement of expenditure, and Progress report/Physical target (as per enclosed proforma - Annexure-I, II) should be submitted .

- The sanctioned amount is debitible under the Head of Account 1.B(i)b and is valid for payment during the financial year 2012-2013.
- The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grants-in-aid bill and shall be disbursed to and credited to the Principal, ST. THOMAS COLLEGE, THRISSUR, by him/her through Cheque/Demand Draft/Mail Transfer.
- The grant is subject to the adjustment on the basis of utilisation certificate in the prescribed proforma submitted by the college.
- The college shall maintain proper accounts of the expenditure out of the grants which shall be utilised only on approved items of expenditure.
- The utilisation certificate to the effect that the Grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the SWRO UGC, Bangalore as early as possible after the close of the current financial year.
- The assets acquired wholly or substantially out of University Grants Commission's grant shall not be disposed or encumbered or utilised for the purposes other than those for which the grant was given, without proper sanction of the University Grants Commission and should, at any time the college ceased to function, such assets shall revert to the University Grants Commission.
- A register of assets acquired wholly or substantially out of the grants shall be maintained by the college in the prescribed form.
- The interest earned by the College on this grants in aid shall be treated as additional grant and may be shown in the U.C./Statement of expenditure to be furnished by grantee institution.

5567
28/5/14

Copy to
F.No 3-1(019)/2012(UG)(XII PLAN)/KLCA019/SWRO
The Principal
ST. THOMAS COLLEGE



ज्ञान-विज्ञान विमुक्तये

Page 51

विश्वविद्यालय अनुदान आयोग
नैरुत्य प्रादेशिक कार्यालय
UNIVERSITY GRANTS COMMISSION
SOUTH WESTERN REGIONAL OFFICE
P.K. Block, Palace Road, Gandhinagar
Bangalore-560 009.
Phone : (080) 2228 0380 Fax : (080) 2228 0381

21-Mar-14

THRISSUR - 680 001

Sub: XII Plan allocation under General Development Assistance to Colleges –

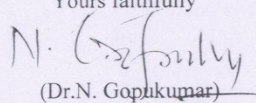
Sir/Madam,

I am directed to convey the approval of the UGC to ST. THOMAS COLLEGE, THRISSUR, , the XIIth plan allocation under the “General Development Assistance” (GDA) for the development of undergraduate and postgraduate education. The UGC in the XIIth plan has decided to provide grants under General Developmental Assistance as ‘Block Grant’. The college will have the flexibility to incur expenditure as per the needs of the college. Accordingly, grant allocated under GDA to the college is under two object heads viz. Grant-in-aid General(31) and Capital Assets (35).

Capital Assets (35) 80% of total allocation Rs.	Grant-in-aid General (31) 20% of total allocation Rs.	Total Rs.
6847368/-	1711842/-	8559210/-

- The aforementioned allocation is for the development of undergraduate and postgraduate education. The amount released may be utilised within the allocated amount under Grant-in-aid General (31) and Capital Assets (35) as conveyed vide letter no. 3-1(019)/2012(UG)(XII PLAN)/KLCA019/SWRO dated 21-Mar-2014. Re-appropriation of funds between Grant-in-aid General (31) and Capital (35) is not permissible.
- The heads underwhich college can incur expenditure include Books and Journals, Equipment, Instrumentation facilities, Construction/Extension/Renovation of building, improvement of existing premises, competence building initiatives in colleges, Educational innovation, Field Work/Study Tours, Extension Activities, ICT in education, Common room and toilet for women, Day Care Centre, Human Rights and Duties Education and, Career and Counseling Cell.
- The college has to constitute a Planning Board with Principal as Chairman and Heads of departments, IQAC Coordinator, Librarian Bursor/Senior person from the Accounts department, as members.
- The Planning Board will finalise allocation to Undergraduate and Postgraduate departments after identifying the heads and deciding on priorities of departments.
- The eligibility criteria for Undergraduate and Postgraduate departments to get assistance under the scheme is given in the XIIth plan guidelines for General Development Assistance Grant to Colleges. The Planning Board may refer to the guidelines before finalizing allocation to Undergraduate and Postgraduate departments.
- Expenditure on construction/extension/renovation of building should not exceed 50% of the total grant under GDA. The college must inform the requirement of funds or otherwise for construction/extension/ renovation of building to UGC-SWRO. as per the procedure given in the XIIth Plan guidelines for the scheme of Development Assistance to colleges for the construction of buildings during the XIIth Plan to enable release of first installment grant for construction/extension/renovation purpose.
- After finalizing the budget allocation for Undergraduate and Postgraduate education, the Planning Board should submit the details as per Annexure-I and Annexure-II in the XIIth Plan guidelines alongwith building committee resolutions, in case funds required for Construction/Extension/Renovation, to the UGC, SWRO, Bangalore, on or before 31st June, 2014.

Yours faithfully


(Dr.N. Gopikumar)
Deputy Secretary

GLOSSARY / LIST OF ABBRIVATIONS

1.	CBCSS	-	Chice Based Credit Semester System
2.	CUCSS	-	Calicut University Semester System
3.	SFS	-	St Thomas For Society
4.	SSE	-	St Thomas for Students Excellance
5.	SIFC	-	Soficicate Instrumentation Facility centre
6.	ESPEP	-	Employability Skills and Personality Enrichment Programme
7.	SET	-	Student Evaluation for Teachers
8.	SASAP	-	Santhome Academic and Social Assistance Programme
9.	ASAP	-	Additional Skill Aquization Programme
10.	WWS	-	Walk with Scholor
11.	CAP	-	Centralised Admission Process
12.	DFP	-	Digital Film Production
13.	MLT	-	Medical Laboratory Technology
14.	LAC	-	Library Advisory Committee