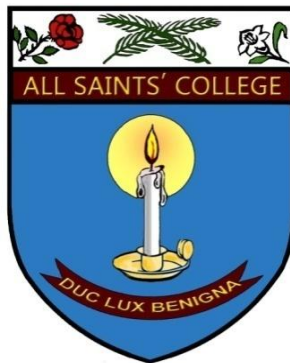


SELF STUDY REPORT 2015 CYCLE – III

Submitted to

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
BANGALORE**

October 2015



ALL SAINTS' COLLEGE

Thiruvananthapuram-695007

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ALL SAINTS' COLLEGE

Accredited by: The National Assessment and Accreditation Council (NAAC)

Thiruvananthapuram - 695 007, Kerala - South India

Phone : 6452472, 2501153, 2503821, 6452484 (P), Fax : 2503821,

E-mail : allsaintscollegeasc@gmail.com, www.allsaintscollege.com

Declaration by the Head of the Institution

I certify that the data included 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.

Signature of the Head of the Institution

Thiruvananthapuram

12/10/2015





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CERTIFICATE OF COMPLIANCE

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that All Saints' College, Thiruvananthapuram (Dist), Kerala fulfills all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

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the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn.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.

12/10/2015

Thiruvananthapuram

Paula Mary Francis
PRINCIPAL





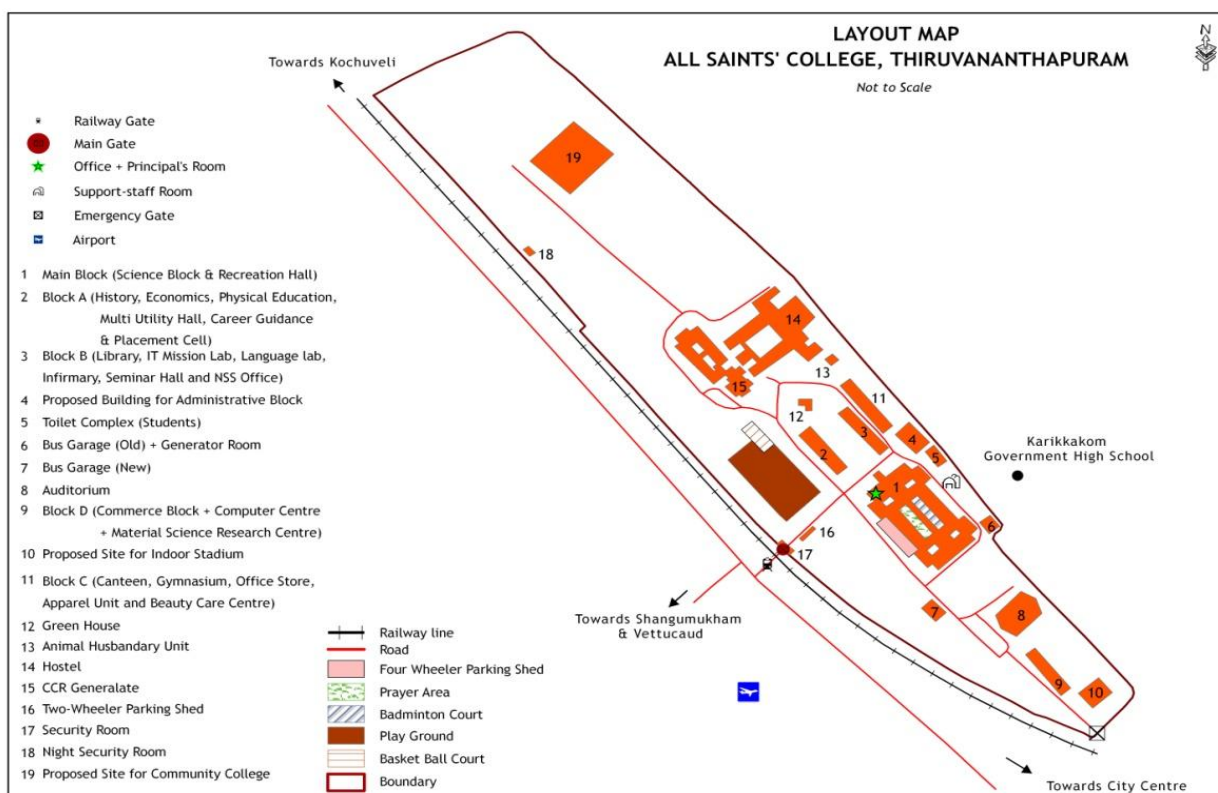
NAAC STEERING COMMITTEE MEMBERS

Principal	:	Dr. Sheela Mary Xavier
Co-ordinator	:	Dr. Sr. Pascoela A D'souza
Secretaries	:	Dr. Nisha K K Dr. Anjana P S
Committee Members	:	Ms. Leena Joseph Ms. Mary Alice G Dr. Caroline Beena Mendez Dr. Jessy Jose Ms. Shirley Joseph Dr. Deepa M Ms. Aniamma George Dr. Srilekha Nair Dr. Reshmi R Prasad Ms. Divya S R Sr. Nirmala Vincent Sr. Tissy Joseph Smt. Filomina J
Student Representatives	:	College Chairperson College General Secretary





COLLEGE LAYOUT





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PREFACE

All Saints' College was founded in 1964 with the vision of reaching out to young women in all sections of society to effect intellectual growth, social transformation, and women empowerment and in doing so, to build up the individual, society and the nation. It is run by the Congregation of the Carmelite Religious (CCR) a Minority Religious Institute devoted primarily to the Catholic education of girls. The congregation has several houses and schools across the country with its main thrust on education together with other pastoral works. All Saints' College is an off shoot of the Congregation and true to its founding ideals has been providing value-based education. The **Coat of Arms** of the College has a symbolic representation. The **Rose** is for **Love** and **Charity**, the **Lily** for **Purity**, the **Palms** for the **Victory** of all the Saints and their **never ending glory**. A **Candle** with an orange flame against a dark blue background symbolizes the **Light of Goodness** that chases away evil, the **Light of Knowledge** that dispels ignorance. In keeping with the motto –“**DUC LUX BENIGNA**”- **Lead Kindly Light**- the words of Cardinal Newman, asking God's Light to lead us on step by step to the knowledge of truth. Over the years, the institution has successfully moulded a very large number of intellectually competent women possessing strong ethics, empathy, social consciousness and commitment who act as leavens in society and create a new world order of love in the society in which they live. The institution will continue to fulfil its mission of facilitating intellectual and moral development while enriching the qualities of integrity, diligence, fair-mindedness and respect so that the young women who enter the portals of this reputed institution become the agents of change in the community for whom the College was set up and in the larger society.

Fifty glorious years is a long period in the history of an institution. It is the dedicated service and devotion of our founders and the successive generations of management, staff and students that has made this institution known for its unmatched commitment to the pursuit of excellence and social responsibility in education. The concerted effort of the staff and students in planning and implementing teaching, learning, research and extension activities, in tune with the Vision and Mission of this great institution has helped us acquire this present stature. Today the institution has ten departments with one recognized research centre and offers 11 UG and 3 PG programmes with a faculty strength of 57 (45.61% Ph.D. degree holders) and student strength of 1890.

The College is privileged to submit its Self Study Report and the Evaluative Report of the Departments for the **Third Cycle** of re-accreditation. During the previous visit in 2008 the NAAC Peer Team approved many existing systems and pointed out a few short-comings while awarding the institution with a 'B' grade. Since then the Internal Quality Assurance Cell (IQAC) has diligently aimed at quality sustenance while strengthening academic programmes and improving infrastructural facilities. The institution



ensures that all the stakeholders - students, parents, local community, government and non-governmental bodies the college is affiliated or attached to - participate in institutional plans and are notified of any policy change or plans made for the betterment and progress of the college. The IQAC of the institution is instrumental in ensuring the phenomenal contributions made by the college in the fields of research, social service (through extension activities), cultural activities and sports which is reflected in the various honours/awards received by the members of teaching faculty and student community at regional as well as national levels.

The contents of this Self Study Report and the Evaluative Report of the Departments are a true reflection of the efforts that have been taken and the results achieved in our pursuit of quality sustenance and enhancement as specified by NAAC. This comprehensive report records all progress made since the last re-accreditation process and gives a clear picture of the strengths, weaknesses, opportunities and challenges faced by our institution and how they have been addressed to realize the goals of this haven of learning. It is with immense pleasure that we submit the report that details all our achievements and the heights we have scaled till date, in pursuit of academic excellence.

Dr. Sheela Mary Xavier
Principal
All Saints' College
Trivandrum





Milestones in the History of the College

- **1964** - All Saints' College is founded by Rev. Mother Mary Louis, CCR with the approbation of Rt. Rev. Dr. V V Dereere, OCD, Bishop of Trivandrum. The College begins functioning in the Holy Angels' Convent premises on 6 July 1964 with Miss Margaret P Paulose as Principal. It is permanently affiliated to the University of Kerala.
 - **1965** - On 15 May His Excellency the Most Rev. James R Knox, Apostolic Internuncio to India lays the foundation stone of the first block of the College at Chackai, the permanent campus today.
 - **1967** - The College is shifted to the new campus at Chackai on 10 January. It is upgraded on 24 July with the introduction of Degree Courses in English, History, Economics, Mathematics, Chemistry and Zoology.
 - **1969** - The College is recognized under section 2(f) & 12(B) of the UGC Act, 1956 on 1 January 1969.
 - **1980** - BSc Botany and BCom Degree Courses are offered for the first time in July.
 - **1982** - The College receives sanction to commence the postgraduate course in English Language and Literature.
 - **1993** - BSc Physics course begins.
 - **1995** – The second post-graduate course of the college – MCom is introduced.
 - **1999** - The B.A. (Restructured) course in Communicative English is introduced.
The postgraduate course in Environmental Sciences commences as an interdisciplinary self-financing course.
 - **2001** - The college is accredited at the THREE STAR Level by the National Assessment and Accreditation Council (NAAC) in August.
 - **2008** - The College is accredited by NAAC with Grade B (2.81) in March.
 - **2011** - The postgraduate course in Environmental Sciences is regularized with the approval of the Government of Kerala and functions as a separate department from October.
 - **2012** - All Saints' College is selected as one of the three colleges in Kerala under the (DBT) Star College Scheme
-



- **2013** - The College celebrates its Golden Jubilee marking 50 glorious years of academic excellence and service.
- **2014** - The BCom (Travel and Tourism) course is introduced. The College is recognized as an IGNOU Study Centre (Code – 40028) in January.

VISION AND MISSION

- **Vision**

To create dynamic young women, who are academically proficient, financially independent, socially committed and morally upright.

- **Mission**

To develop a centre of academic excellence which will provide both knowledge and skills, to meet the challenges of today's fast-changing scenario. We believe that our students will be the agents of change in the community for whom the college was set up and create a new world order of love and brotherhood in the larger society.

- **Motto**

“DUC LUX BENIGNA”- Lead Kindly Light - the words of Cardinal Newman, imploring God's Light to lead us towards the realization of the Truth.





EXECUTIVE SUMMARY

All Saints' College was established by the Congregation of the Carmelite Religious to provide value-based education, especially to the young women of the coastal belt of Trivandrum district. In the fifty glorious years since its inception, we have reached out to young women from all sections of the society. This is in concurrence with the noble ideals advocated by our Holy Foundress Mother Mary Veronica to produce intellectually competent, morally upright, socially committed and spiritually inspired persons, who can act as leavens in society. This has effected intellectual growth, social transformation and empowerment and has constructively contributed towards the development of the individual, society and the nation. As we present the college for the third cycle of accreditation, we document our earnest efforts in responding to the changing and challenging scenario of the present times with the implementation of concrete strategies to attain realistic goals through the concerted efforts of the Management, Staff, Students, Alumni, Stakeholders, and the community.

CURRICULUM PLANNING AND IMPLEMENTATION

Though our academic curriculum is determined by the University of Kerala, we have attempted to foster a holistic and comprehensive educational atmosphere that provides ample scope for instilling individual accountability and social commitment. As part of meticulous curriculum planning, the staff makes sure that academic schedules and lesson plans are prepared on time and implemented effectively. Teachers undergo Orientation and Refresher programmes regularly and also take part in various workshops conducted by the University so as to get systematically updated about curriculum revisions. Various initiatives like Student Support Programme (SSP), Walk with a Scholar (WWS), Remedial classes and Peer Teaching cycles are introduced with the aim of providing maximum exposure to quality educational ideals. Student feedbacks and staff academic audits are closely monitored by the Principal and the Heads of the Departments to implement a qualitative analysis. The college also offers Bridge Courses and Orientation Courses to the first semester students to acquaint them with the new academic environment.

Add on courses and supplementary courses like Computer Operator and Processing assistant (COPA), Diploma in Computer Applications (DCA), Tailoring and Fashion Designing and Ornamental Fish Culture and Aquarium Management are introduced with the specific aim of enabling the students to acquire employable skills. Open courses introduced during the fifth semester allow the students to familiarize themselves with subjects other than their chosen area of specialization, thereby widening their horizon of knowledge. The college also functions as one of the centres of the Additional Skills Acquisition Programme (ASAP), an initiative of the Government of Kerala that trains students to develop communicative and presentation skills. The Career Cell of the college conducts job fairs and facilitates campus recruitments that enable our students to



be placed in reputed organisations and companies. NSS, AICUF, and the various other clubs of the college also contribute to the curriculum development by imparting the students with important values and ideals that shape them into better individuals.

TEACHING- LEARNING AND EVALUATION

The college offers a supportive and productive learning environment which also promotes self-sufficiency, co-operation and motivation among students. The needs of the students, their backgrounds, perspectives and interests are reflected in the teaching learning methodology and students are actively challenged to develop reflective and application skills. Centralized Allotment Process is followed in colleges affiliated to the University of Kerala for the UG and PG courses from 2010 onwards. Students are free to choose the course and college of their choice from the website of the University to which the college is affiliated and thereby transparency is ensured in the admission process. Criteria for admission to various programmes are clearly defined and selection of students is made strictly on merit. Reservation policies of the Government are strictly adhered to.

Assessment practices are imperative in order to gauge the effectiveness of existing practices and to identify the areas that require a new approach. These methods of assessment are internalized by the students as they seek ways of self-improvement. The effective implementation of newer technologies in the teaching-learning process helps to enhance the academic outcome. In addition, career and personal counselling is offered by certified professionals. Regular assessment of student performance is carried out through tests, assignments, projects, attendance, etc. Evaluation of internal assessment is fully transparent since the students are always shown their answer scripts, assignments, etc. with comments for better performance. Parent-Teacher association (PTA) meetings are organized after every internal examination and parents are informed of the grades obtained by their wards. The academic committee ensures that the academic activities are at par with the aims and objectives of the institution. It reviews the performance of the institution with respect to the curricular, extracurricular, research and extension activities. This rigorous process of follow-up has ensued in the pass percentage of the students of this college being considerably higher than the University's pass percentage. Grievances of the students are addressed through a Redressal Cell in the College.

The teachers of the College take up academic assignments as examiners, resource persons, consultants and coordinators. The tutorial system helps the students to overcome learning issues and enhance interpersonal relationships. Teachers play an active role in helping students resolve academic and personal issues through the mentoring sessions conducted weekly.

The College functions according to the Calendar set by the University of Kerala to which the College is affiliated. A well-defined academic calendar, in the



form of college handbook, is made available to all students as well as staff. The Central library is well-equipped and is complemented by the departmental libraries. Modern teaching methods using the Internet, 15 LCDs and laptop computers are integrated into the system of instruction.

Regarding the selection of teaching faculty, the college adheres to a strictly transparent, impartial and judicious process following the Government of Kerala norms. The policies of the Management are such that candidates with excellent academic background, professional qualification and managerial capacity are selected.

RESEARCH CONSULTANCY AND EXTENSION

All Saints' College has a well organised 7- member Research Committee with the Principal as its chairperson and six members with Ph.D. Degree.

The Department of English is recognized as a Research Centre. The Post Graduate Department of Environmental Sciences has submitted application with all the relevant details to the University of Kerala to be upgraded to the status of research centre and is awaiting a reply. The English Department has to its credit, four teachers who are active researchers and has produced 7 doctoral theses and 7 ongoing theses in the last four years.

Several members of our faculty are research guides. The Department of Botany has produced 2 doctoral theses. 5 candidates are pursuing doctoral research under the guidance of a retired faculty of Malayalam. The department of Physics has 7 ongoing Ph.D. research projects and 1 completed Ph.D. research project. It also has 7 M.Sc projects to its credit in the last four years.

Out of the 57 regular faculty members, 26 are Ph. D. holders and one faculty has done Post Doctoral research. Two teachers had availed FDP (Faculty Development Programme) to pursue doctoral degree and currently four faculty members have the benefit of availing FDP (Faculty Development Programme) for pursuing their research. One faculty member has submitted her Ph.D. thesis, while 12 others are currently engaged in part-time research. Student research too has seen an upsurge as it has been part of their ongoing curriculum to submit a dissertation at the end of their semester. To help provide better infrastructural facilities, the departments of the college have been keen in maintaining close associations with several other research centers which have assisted the students to incorporate their knowledge and supplement their work with improved facilities available outside the campus, thereby increasing the research culture among the teaching and student fraternity. The library of the college has also given access to e-journals through UGC-Infonet (N-list), which proved has proved beneficial to inculcating a research culture.

The Institution has foregrounded research as an area of priority and the source of knowledge creation. It has sought and secured has major research projects funded by UGC, DBT, DST, including minor projects. Collaborative projects and student dissertations are funded and supported various funding



agencies. In the period to be subjected for evaluation there are 4 Major Research Projects (UGC), 13 Minor Research Projects (UGC), 3 collaborative research programmes with the International and Inter-University Centre for Natural Resource Management (IIUCNRM), 3 student projects with Kerala State Council for Science, Technology and Environment (KSCSTE). The College has to its credit an International patent and has applied for two Gene Bank Accessions, and one DNA Barcode Index Number Registry. The college has also purchased some laboratory equipment and books out of the provisions made available by the funding agencies. Several national and international seminars and conferences were conducted by all the departments of the college during the evaluation period funded by external funding agencies. There were a total of 36 seminars sponsored by one or more agencies like University Grants Commission(UGC), The Kerala State Biodiversity Board (KSBB), Kerala State Council for Science, Technology and Environment (KSCSTE), Department of Science and Technology (DST), CCR, Department of Biotechnology (DBT), Council of Scientific and Industrial Research (CSIR), Central Bank of India (CBI), Department of Environment and Climate Change (DoECC), National Bank for Agriculture and Rural Development (NABARD), Yuva Kala Sahiti (YKS), Department of Fisheries, Kerala State Coastal Area Development Corporation (KSCADC) Government of Kerala, Society for Assistance to Fisherwomen (SAF) Govt. of Kerala and Agency for Development of Aquaculture in Kerala (ADAK).

The last four year period has had a rise in publication of research papers and articles by the faculty. A total of 419 papers (photocopy of which are available with the IQAC) were published in reputed national and international peer reviewed journals. Sixty five research studies were presented in several national and international seminars and got published in their proceedings some of which are ISBN publications. Fifteen faculties are members of professional bodies, and a good number of them have been the recipients of the 'Best Paper Awards' in various Seminars, Conferences, Workshops, Exhibitions and Symposia. The research publication of one of the faculty is a top cited article (International Journal of Applied Ceramic Technology) and one faculty got The Young Scientist Award (The Kerala State Council for Science and Technology Committee). Many teachers have been doing poster presentations of their research studies and have also been awarded certificate of merit for the same. There are 3 faculties who are acting as reviewers for various reputed research journals. One faculty is a member of the editorial board of an international journal, 4 faculties have had the privilege of chairing the board of examinations during the last four years. There are 9 books published from the college, 8 of which have the ISBN number. One issue of an international journal with ISSN has also been published. The college has bagged the 'Best NSS Programme Co-ordinator' award twice and the 'Best NSS Unit' one time during the last four years. The college also offers several free consultancy services. Twelve invited lectures were delivered by the faculty of the college in various other colleges and institutions.



As part of the State Government's initiative to uplift the standard of Higher Education in Kerala, a total of 13 teachers of the college were given training in different aspects related to teaching. The college takes pride in the fact that one of the faculty was selected from the Assistant Professors throughout Kerala to be sent to the United Kingdom as an intern to observe the good practices in Teaching, Learning and Research and to implement some of the best practices in the home institution by FLAIR, a new initiative of the Higher Education Department for enhancing the standard of Higher Education in Kerala. The college has put in commendable efforts to bring the different extension programmes to their fruition thereby serving the immediate community in various ways. The management of the College, the Departments of the College and faculty members have cohesively initiated several social, educational and environmental extension activities with the support of various funding agencies and NGOs that have become active agencies of participation for socially committed students. The College has built many houses in the vicinity as part of the Institutional societal responsibility. As part of this same support scheme, it is customary for the institution to provide monetary assistance to the family of the bereaved towards funeral expenses. Units like the NSS, Women's Studies, Jesus Youth, AICUF and Alumni have also supplemented the extension activities with gratifying results. Apart from the above mentioned there are also two outreach programmes offered by the Department of Economics, namely Literacy Mission and Student Support Programme.

INFRASTRUCTURE AND LEARNING RESOURCES

The College has its own idyllic campus to boast of as it is positioned seven kilometers from the town away from the noise and din of the city. The serene ambience of 36 acres of land is a favorable environment for learning. Students enjoy the finest infrastructure facilities for co-curricular, extracurricular, cultural activities and sports and games. The Infrastructure is upgraded to facilitate the newly introduced programmes as well as to supplement the revision in the curricula of existing courses. The proximity of Trivandrum International Airport and the Domestic Airport prohibits the construction of a second floor in the existing buildings and hence the building up of a new block nowadays with only ground floor is permitted by the authorities. The buildings and other infrastructure are put to optimum use as well as maintained with timely repairs. There is adequate support staff appointed to provide a clean and healthy surrounding to ensure a pleasant, hygienic campus. The other support facilities on the campus for curricular, extra-curricular and administrative activities are developed to contribute to the effective ambience.

The College possesses varied infrastructure facilities like spacious, ventilated and well furnished class rooms, well equipped laboratories, seminar halls, computerized central library, a large auditorium with 1500 gallery seats, canteen, infirmary, washroom facility, prayer hall, courts for various games,



Health and fitness centre, computer centre, DTP and reprographic centre, power generator, separate parking area for two wheelers and four wheelers, internet browsing centre, recreational avenues etc. Five college buses ply, catering to the needs of the day scholars. During the last four years the college has upgraded its existing facilities such as Language Lab and Science Laboratories. A ladies common room has been added. Renovation works, especially in the auditorium, departments, classrooms, canteen and seminar halls have been carried out. Purchase of additional computers and library resources expansion has been completed. 10 Classrooms have been upgraded with ICT facility to make teaching-learning an enriching experience. The fully automated, well stocked and user friendly central library with an area of 1328.30m² sq. ft and 200 seating capacity is one of the main attractions and potential educational and vision honing force of the College. Addition of new books and journals in the central and department libraries, installation of INFLIBNET, broadband connection and Wi-Fi facility have supplemented the existing learning resources that help the faculty and students to keep up with the latest developments in their field of study and research. Easy access to LAN facility is made available on the campus. A Zoological Museum, an Ornamental Fish Unit, 2 Fish harvesting tanks and a Heritage Cell provide exciting resources for the students to complement their knowledge. The post accreditation period is highlighted by the establishment of Materials Science Research Lab funded by UGC as Major Project. Our resources have been augmented with the purchase of equipment in all other Science streams as well. Plant Tissue Culture lab was restructured and an upgraded state of the art English Language lab with 37 computers providing internet facility was opened to the students. One of the existing science Labs was restructured for the introduction of PG Lab. Regular and timely maintenance and upgradation of equipment and instruments has led to their uninterrupted functioning.

The Hostel attached to the college campus is spacious, well ventilated and hygienic. It provides accommodation for around 190 students. Security of the students is ensured in the campus and the hostel. There are 3 Biogas Plants, a Rain Water Harvesting tank, overhead water tank, pits for waste management, Solar Panel and conservation of water resources available on campus. Herbal and Medicinal gardens, Botanical House and Herbarium were setup to provide lush greenery in the campus. The optimum utilization of the institutional resources is ensured by providing its infrastructure facilities to the staff and students, the local community, N.G.Os and Government Departments. In addition to this, the salutiferous surroundings of the College provide an exemplar ambience for learning, research and overall development of the students.

STUDENT SUPPORT AND PROGRESSION

The institution has a strong student support system. All the activities on campus are so designed that campus life of the students is rendered constructive. The students are provided with academic and co-curricular support to ensure their



overall development. The institution ensures its commitment towards the student fraternity through the collective effort of the teaching and administrative staff. The PTA, Alumni and the retired Staff of the College too render invaluable help as a supporting agency for the well-being of the students. The academic progress of the students is supervised by the teacher which is followed up on a regular basis and is communicated to the parents at the class PTA meetings. A good number of prizes and endowments are constituted by the Management, Staff, Alumni and former teachers for the meritorious performance of students both on and off campus. The institution publishes its updated handbook annually containing all the information about the college and its activities. All the departments publish their own departmental magazines every year. The college has a strong Student Union constituted as per the rules and regulations laid down by the University of Kerala. The fund for the activities of the Union is met by the PTA. To enhance active participation of students in sports events, various facilities in the form of training and economic support is provided. The Old Students Association too has been active in facilitating the welfare of the students. There is an efficient scholar support programme in the college. An induction training programme is conducted every year for the newly admitted students to create awareness among the students about the need and importance of the course, thereby decreasing the dropout percentage every year. The Anti Ragging cell, Grievance Redressal cell, Student Union, Counseling Centre, Women's Studies Cell, PTA, Departmental Associations, NSS and Alumni Association have proved to be strong support services provided on campus for the holistic development of the student fraternity. The Career Guidance and Placement Cell instituted in the college is yet another strong unit that boosts the confidence of the students and helps them face interviews through meticulous training and in garnering lucrative campus placements. An innovative strategy of the Cell is the use of the social network - the All Saints' Career Cell Facebook account to keep in touch with the students after their graduation to inform them of the various job opportunities. Ethics classes, Tutorial classes, Peer teaching and Student mentoring has also been made an inextricable part of the teaching-learning protocol. The students' performances have catapulted the reputation and standing of the college to great heights in the university examinations as well as in co-curricular activities both at the state and national levels. The academic excellence of the students is also evident from the increase in pass percentage, the university ranks and achievements in other competitive examinations.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

All Saints' College is a Minority Catholic Educational Institution belonging to and managed by the Congregation of the Carmelite Religious (CCR). The Manager of the College is vested with the duties of ensuring that the progress and development of the institution is in keeping with its vision and mission. She is aided and advised by her team of Councilors and together they appoint



meritorious members to the faculty to translate their vision into reality. A line of hierarchy is maintained and a code of conduct is implemented to bring harmony and unity at all levels. The college has an efficient set-up, where each unit of the organization is given fullest freedom to innovate and plan its perspectives of development, yet it operates through a structured organization for disciplined and smooth functioning. The ultimate authority in the management of the College is its Governing Body. The Governing Body is the forum for policy making decisions for all the endeavors of the College and is represented by the various stakeholders (Manager, Principal, PTA, Representatives of the Government and Academia). All policy decisions are taken at the Governing Body level, through formal meetings and consultations for planning and streamlining of Institutional strategies.

The Governing Council of the institution delegates authority and provides operational autonomy by instituting various sub-committees with well-defined goals and objectives for the overall management of the admission, conduct of examinations, promotion of research and extension activities, development of infrastructure-facilities, encouraging cultural activities and maintenance of a disciplined campus life, thus working towards a decentralized governance system. The Heads of Departments play very crucial leadership roles and are given the authority to take decisions pertaining to their departments for the welfare of the students in consultation with the Principal. This is done to ensure good governance and maintain institutional standards. The college also promotes the spirit of participative management by constituting various committees and associations for general and academic development that ensure faculty, non-teaching staff and students' participation. Thus the Management works in tandem with the College Council, Faculty, Student Council and Stakeholders to ensure their participation in policy and decision making processes.

The college established the Internal Quality Assurance Cell (IQAC) in 2004 that has been functioning efficiently under the leadership of the head of the institution, a coordinator, and senior faculty as members and aims at improving quality in higher education by coordinating and supervising the post-accreditation programmes. The IQAC on conducting internal assessments forwards the resultant recommendations in areas related to need-based academic programmes, research and the improvement of infrastructural facilities and is responsible for organizing professional and personal development programmes for both the faculty and the students to maintain quality standards. The IQAC has played a pivotal role in ensuring that the institution provides an ambience that is conducive for teaching and learning to scale heights towards quality sustenance.

INNOVATIONS AND BEST PRACTICES

Excellence in Academics and grace in conduct has been the norm at All Saints' College down the years. In keeping with the college motto 'Lead Kindly Light', the Institution encourages the efforts of the faculty and students in various



practices under Community Engagement and Environmental Conservation. A good number of best practices have been the hallmark of the Institution for nearly a decade; however they were officially integrated into the College Best Practice Column quite recently. The various departments focus on particular areas of interest. A practice that has been introduced in recent years is the 'Green Thumb Initiative', which is conducted under the aegis of the Department of Botany and has as its aim, the empowerment and emancipation of unemployed women. Several women from the nearby socially underprivileged community are given training in Organic Vegetable Farming. They are also given free saplings to start their business at home. Reaching out to help the underprivileged has been an important part of the various activities of the college. Social, moral and environmental commitment is high on the list of priorities among other programmes undertaken at the management and institutional level. Keeping in tune with the rising environmental awareness, the college has reinforced its various Eco- Conscious Programmes. The Departments of Botany, Zoology, Chemistry, and Environmental Sciences play an important role in contributing to the welfare of the Ecology. The creation and smooth functioning of the BhoomithraSena Club, the Biodiversity Club, the KuruviNature club and the Eco Club are part of these efforts.

With the help from Biodiversity Board, the Biodiversity club launched the Santhisthal Project in the college for Rare, Endangered and Threatened plant species. The college also maintains a functioning Vermi-Compost unit and Organic Vegetable Farm sustained by the bio-degradable food waste from the canteen and college hostel with the help of BhoomitraSena club. Rainwater harvesting is another practice that involves the collection and use of rain water for gardening and other cleaning purposes. The students are also given opportunities to go Bird Watching under the combined guidance and support of the WWF and the Kuruvi Nature Club. The members of the club are involved in the Friday Forum where they discuss current relevant topics and hit upon solutions on regular intervals. The members of the Eco club regularly organize beach-clean-up activities and conduct classes for local residents on waste disposal and management. They also manage a Medicinal Garden along with the Nakshrathra Garden and Mahatmaji Jaivodyanam. The update of the biodiversity and maintenance of tree registers in the campus is also a part of the programme. Another best practice of the college is the energy conservation which is practiced by switching off fans, lights and computers when not in use. As part of the future plans, the installation of solar panels in all buildings is in progress. Various clubs organize awareness programmes and workshops on environmentally significant days. The college thus, contributes in a significant way to raising eco-consciousness and social responsibility among faculty and the student fraternity.



SWOC ANALYSIS

STRENGTHS

- The goodwill attributed to the college as one of the oldest institutions for women's education in the city.
- The only women's college that caters to a large number of female learners from the coastal area.
- An academic ambience conducive to study maintained through excellent discipline and a campus that is free from politics.

WEAKNESSES

- Inadequate opportunity for campus selection and placement of students after graduation.
- High teacher-student ratio as there is a great demand for courses offered by the college.
- Poor academic background of the underprivileged sections of the society.

OPPORTUNITIES

- Locational advantage of the college, being within the close radius of premier industries and institutions like ISRO, Titanium, Brahmos, Techno park, etc to be utilized for research and academic interactions through MoUs.
- Formal linkages with industries/organizations like P.N. Panicker Foundation, Government of Kerala; Ministry of Micro, Small and Medium Enterprises (MSME), Government of India; IT Mission Kerala, Kerala Tourism Development Corporation (KTDC), Gulati Institute of Finance and Taxation (GIFT), Kerala State Industrial Development Corporation, Institute of Sustainable Development and Governance (ISDG), Industries Department, Jawaharlal Nehru Tropical Botanic Garden and Research Institute (JNTBGRI) and Rajiv Gandhi Centre for Biotechnology (RGCB).
- To introduce the Long term Skill Development courses offered by the P.N. Panicker Foundation like Ayurveda Panchakarma, Garment Designing and Fabrication, Photo and Videography, Multimedia Techniques, Computer Hardware Repairing and Servicing, Repair and Service of Home Appliances, Beautician Course, High-tech Agriculture and Financial Services.
- To utilize the maximum potential of the strong and well placed alumni.

CHALLENGES

- Motivating and integrating the first generation learners into the academic environment.
- Raising the competency of the backward/coastal area students to global levels of competence
- More campus recruitments and placements to meet the challenges of employability.
- Lack of research centre in the college forces the faculty to pursue research in centres outside the campus.
- Appropriating the strength of the alumni to its fullest potential.
- Procuring more PG courses and research centres.



PROFILE OF THE COLLEGE

1. Name and Address of the College:

Name :	All Saints' College	
Address :	All Saints' College, Beach P.O., Chackai, Thiruvananthapuram	
City : Thiruvananthapuram	Pin: 695007	State: Kerala
Website:	www.allsaintscollege.in	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Email
Principal	Dr. Sheela Mary Xavier	O: 0471-6452472	9946938865	asc50principal@gmail.com
Steering Committee Co-ordinator	Ms. Mary Alice G	O: 0471-6452484	9497758496	maryalicekunju@gmail.com

3. Status of the Institution:

Affiliated College	✓
Constituent College	-
Any other (specify)	-

4. Type of Institution:

a. By Gender

i. For Men	-
II. For Women	✓
III. Co-education	-

b. By Shift

i. Regular	✓
II. Day	-
III. Evening	-

5. It is a recognized minority institution?

Yes

☒

No

☐

If yes specify the minority status (Religious/linguistic/any other) and provide documentary evidence.

Minority Educational Institution covered under the Article 30 of the Constitution of India - managed by the Congregation of the Carmelite Religious of Trivandrum.

Refer annexure – I

6. Sources of funding:

Government	-
Grant-in-aid	✓
Self-financing	-
Any other	-

7. Date of establishment of the college

a.	Date of establishment of the college	06/07/1964
b.	University to which the college is affiliated/or which governs the college	University of Kerala



c.	Details of UGC recognition		
	Under Section	Date, Month & Year	Remarks (If any)
	i. 2(f)	01/01/1969	-
	ii. 12(B)	01/01/1969	-

Refer Annexure - II

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) - NA

8. Does the affiliating University Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☐ No ☒

9. Is the College recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes ☐ No ☒

b. for its performance by any other governmental agency?

Yes ☐ No ☒

10. Location of the campus and area in sq.mts:

Location*	Urban
Campus area in sq. mts.	1,45,687 sq.mts
Built up area in sq. mts.	22,309.75 sq.mts

11. Facilities available on the campus

Auditorium/seminar complex with infrastructural facilities	<input checked="" type="checkbox"/>
--	-------------------------------------

• **Sports facilities**

* Play ground	<input checked="" type="checkbox"/>
* Swimming pool	Nil
* Gymnasium	<input checked="" type="checkbox"/>

• **Hostel**

*Boys' hostel NA

*Girls' hostel:

i.	Number of hostels	1
ii.	Number of inmates	190
iii.	Facilities (mention available facilities)	Single rooms, Double rooms, Dormitory, Prayer hall, Chapel, Study hall, Indoor and Outdoor recreational facility, Mess, 2 Computer rooms with 12 computers with Internet facility, TV, Audio system, sufficient availability of water and electricity and security system.

* Working women's hostel NA

• **Residential facilities for teaching and non-teaching staff**

Facility is provided on demand and need.



- **Cafeteria**
College canteen
- **Other added facilities available on campus**

Facility	Details
Banking	Central Bank of India, All Saints' College Extension counter
Book shop	All Saints' College Store.
Transport facility	5 college buses and a car to cater to the needs of students and staff. Regular Transportation is also provided by KSRTC.
Animal House	Cows, Goats, Ducks, Rabbits, Turkey.
Plant Conservatory	Green House, Medicinal plant garden, Poly House, Nakshatra garden, Orchard, Mahatmaji Jaivodyanam, Coconut Grove, Shanthisthal (for endangered species).
Biological waste disposal	3 Biogas plants installed.
Gobar Gas Plant	Installed in the hostel for providing natural fuel resource for the purpose of cooking.
Generator	62 kV Generator installed.
Solid waste management	Solid waste is disposed off scientifically and in an eco-friendly manner.
Waste water management	Redirected for farming activity.
Microbial Compost Unit	Food waste management.
Water harvesting	Rain water harvesting unit in place.
Mushroom Harvesting Unit	To impart training to women in the vicinity.
Green energy conservation	Solar panel installed.
Water availability	Public water supply system, Bore well system, and an over head water tank for adequate storage is installed.

Health centre

- The College has signed a Memorandum of Understanding (MoU) with the nearby St. Anne's Nursing Home, Pallimukku to attend and treat the students and staff on emergency call during regular class hours. There is a full time qualified nurse appointed to administer first aid and to cater to the health issues on campus. The College meets the first aid treatment expenses provided to the students and the staff.

Qualified doctor	Fulltime	-	Part – time	✓
Qualified Nurse	Fulltime	✓	Part – time	-



12. Details of programmes offered by the college (2015-16)

A. Details of programmes offered by the college (2015-16)						
Progm	Name of Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned / Approved Student Strength	No. of Students admitted (including marginal increase)
Under Graduate						
B.A	English Lang. and Literature	3Yrs/6 Sem	+2/VHSE	English	60	73
	English and Comm. English				30	41
	History				75	78
	Economics				75	77
B.Sc	Maths				40	49
	Physics				20	25
	Chemistry				44	54
	Botany				44	54
	Zoology				44	54
B.Com	Finance				50	68
	Travel and Tourism				40	55
Post Graduate						
MA	English Lang. and Literature	2 Yrs/4 Sem	Degree	English	15	20
M.Sc	Environmental Sciences				10	13
M.Com	Finance				15	20
Certificate courses						
<ul style="list-style-type: none">Short term courses offered under “Women on Wings” Club (an initiative of the Department of Economics in collaboration with the P.N. Panicker Foundation).<ul style="list-style-type: none">i. Candle Makingii. Agarbathi Makingiii. Flower Makingiv. Umbrella Makingv. Cushion Makingvi. Paper/Leather Craftvii. Fabric Paintingviii. Hand Embroideryix. Food Makingx. Fruit Processingxi. Doll MakingTo introduce Long term Skill Development courses offered by the P.N. Panicker Foundation like-<ul style="list-style-type: none">i. Ayurveda Panchakarmaii. Garment Designing and Fabricationiii. Photo and Videographyiv. Multimedia Techniquesv. Computer Hardware Repairing and Servicingvi. Repair and Service of Home Appliancesvii. High-tech Agriculture and Financial Services.viii. Catering Services.ix. Cost effective building techniques including Green Technology.x. Solid Waste Management.						



Certificate/ Diploma Courses offered	
1)	IGNOU Centre: Programmes offered <ul style="list-style-type: none"> MEG (English) NEC (Economics) MAH (History) M.Com (Commerce) MSW (Social Work) MAWGS (Women and Gender Studies) B.Com (Commerce) BSW (Social Work) CLP (Computer Literacy Programme)
2)	Diploma in Computer Applications (CCEK)
3)	Karate (Department of Physical Education)
4)	Apparel designing
5)	Beautician Course
6)	COPA (Computer Operator and Processing Assistant)
7)	Ornamental Fish Culture and Aquarium Management.
8)	SAP – Genuine Courses Curriculum Outline: <ul style="list-style-type: none"> ICT ERP Basics SAP KA ERP Manual A/c Computerized A/c SAP ACKA A/c

13. Does the college offer self-financed Programmes?

Yes ☐ No ☒

14. New programmes introduced in the college in the last five years.

Yes ☒ No ☐ Number

B.Com Travel and Tourism

15. List the departments

Particulars	UG	PG
Science	Mathematics and Statistics Physics Chemistry Botany Zoology	Environmental Sciences
Arts	English Lang. and Literature English and Communicative English Economics History and Politics	English Language and Literature
Commerce	Finance Travel and Tourism	Finance

16. Number of Programmes offered

a.	Annual System	NA
b.	Semester System	14
c.	Trimester System	NA



17. **Number of Programmes with**

a.	Choice Based Credit System	11 UG Programme
b.	Inter/Multidisciplinary Approach	11 Open Courses
c.	Semester System	3 PG Programme

18. **Does the college offer UG/PG programmes in Teacher Education?**

Yes ☐ No ☒

a. **Is the institution opting for assessment and accreditation of Teacher Education Programme separately?**

Yes ☐ No ☒

19. **Does the college offer UG or PG programme in Physical Education?**

Yes ☐ No ☒

a. **Is the institution opting for assessment and accreditation of Teacher Education Programme separately?**

Yes ☐ No ☒

20. **Number of teaching and non-teaching positions in the Institution**

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC /University/ State Government - Recruited	-	-	-	10	-	47	-	23	1	-
Yet to recruit	-	-	-	-	-	10	-	7	-	-
Sanctioned by the Management/ society or other authorized bodies recruited	-	-	-	-	-	3	-	-	-	-
Yet to recruit	-	-	-	-	-	-	-	-	-	-

❖ Support Staff appointed by management -

13

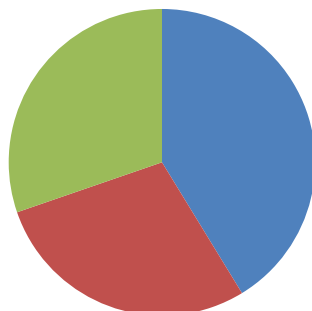
21. **Qualifications of the teaching staff:**

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	M	F	M	F	M	F	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	6	-	20	26
M.Phil.	-	-	-	5	-	10	15
PG	-	-	-	1	-	15	16
Temporary teachers (Guest Faculty)							
Ph.D.	-	-	-	-	-	3	3
M.Phil.	-	-	-	-	-	4	4
PG	-	-	-	-	-	12	12

Part-time teachers	
Ph.D.	Nil
M.Phil.	Nil
PG	Nil
LLB	1

Qualification of Teachers

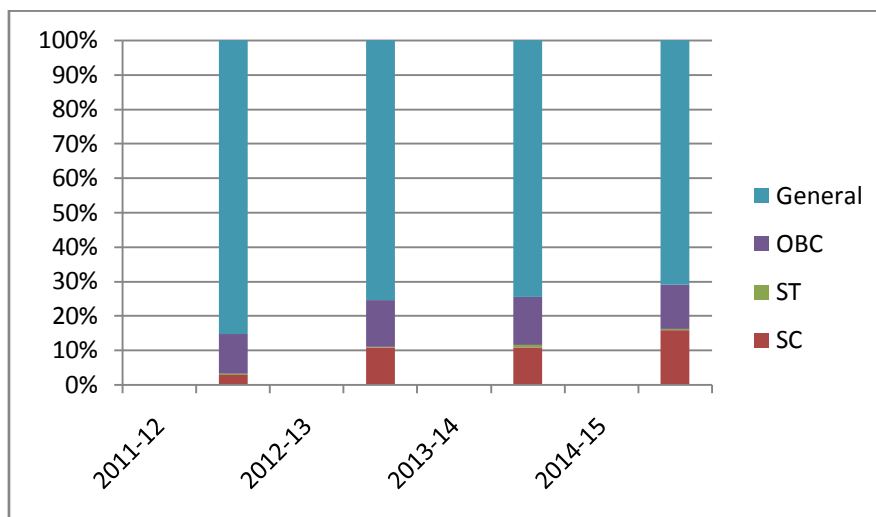
■ Ph.D ■ M.Phil ■ PG



22. Number of Visiting Faculty/ Guest Faculty engaged with the College- 19

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2011-12		2012-13		2013-14		2014-15	
	M	F	M	F	M	F	M	F
SC	-	51	-	194	-	195	-	297
ST	-	5	-	3	-	12	-	10
OBC	-	208	-	245	-	250	-	242
General	-	1536	-	1356	-	1343	-	1341
Total	-	1764	-	1798	-	1800	-	1890





24. **Details on students enrolment in the college (2015- 2016)**

Type of students	UG	PG	M.Phil	PhD	Total
Students from the same State where the college is located	1782	106	-	-	1888
Students from other states of India	02	-	-	-	02
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	1784	106	-	-	1890

25. **Dropout rate in UG and PG (average of the last two batches)**

UG

PG

26. **Unit Cost of Education**

a.	Including the salary component	₹ 6666/-
b.	Excluding the salary component	₹ 1269/-

27. **Does the college offer programme/s in distance education mode (DEP)?**

Yes ☒

No ☐

a. Is it a registered centre for offering distance education programmes of another University

Yes ☒

No ☐

b. **Name of the University which has granted such registration.**

c. **Number of programmes offered -**

d. **Programmes carry the recognition of the Distance Education Council**

Yes ☒

No ☐

28. **Provide Teacher-student ratio for each of the programme/course offered**

Sl. No	Course	Programmes	Teacher Student Ratio
UG			
1	B.A	English Language and Literature	1:23
2	B.A	Communicative English	1:15
3	B.A	Economics	1:75
4	B.A	History	1:75
5	B.Sc	Mathematics& Statistics	1:33
6	B.Sc	Zoology	1:33
7	B.Sc	Botany	1:33
8	B.Sc	Physics	1:25
9	B.Sc	Chemistry	1:33
10	B.Com	Finance	1:33
11	B.Com	Travel and Tourism	1:30
PG			
12	M.A	English	1:4
13	M.Com	Finance	1:4
14	M.Sc	Environmental Sciences	1:4



29. Is the college applying for

Accreditation : Cycle 1 ☐ Cycle 2 ☐ Cycle 3 ☒ Cycle 4 ☐

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

Cycle 1: Accreditation Outcome/Result –

Cycle 2: Accreditation Outcome / Results -

Refer Annexure – III

31. Number of working days during the last academic year

32. Number of teaching days during the last academic year

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i)	2010 - 2011	07/07/2011
AQAR (ii)	2011 - 2012	15/12/2012
AQAR (iii)	2012 – 2013	03/04/2014
AQAR (iv)	2013 – 2014	01/10/2014



CRITERIA-WISE ANALYTICAL REPORT



CRITERION I

CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Vision, Mission and Objectives of the Institution

The college is committed to providing quality education to young women from all stations of life irrespective of their resources. There is a great motivation to provide them with the best possible avenues towards self-reliance, economic independence and above all, self-esteem. The college believes in fostering sensitive, intelligent and responsible citizens. The stakeholders are reminded of this ultimate goal at all times through all the endeavours of the institution. There is a concerted effort in terms of all the activities, the guidelines given to the teachers, students and the support staff.

The emphasis is on holistic education and this is achieved through drawing up a plan of action on a long term and short term basis. This approach has held good as there is a systematic procedure of feedback and modification that goes on. Thus, the methods do not get jaded and the stakeholders are always looking for means of further improvement. This strategy fosters an exciting environment in the college, keeping it busy and vibrant. Our dedication to the environment is well known and the stakeholders are always called upon to renew this commitment. Every effort is made to make the institution accommodative for the students. There is also focus on the institution serving as an ideal workplace, with every effort taken to include the comfort and well-being of those who work here. The active part taken by the IQAC and its visible presence ensures that there is a redressal mechanism in place for swift rectification. All these factors combine to ensure that all the stakeholders have placed adequate focus on the goals of the institution.

1.1.2 Action plans for effective implementation of the curriculum.

The institution has definitive processes for ensuring the effective implementation of the curriculum.

- a) Lesson plans on the basis of semesters are prepared for every month. Also, every teacher maintains a systematic record of her activities on a daily basis. This is subject to weekly review by the Head of the department and on a monthly basis by the Principal. Thus, mechanisms are in place to see to it that there is a lot of planning that goes into the curriculum being implemented.
- b) At the start of each semester, there is a meeting of the Heads of all Departments so as to decide on the academic schedule. This ensures effective planning and execution processes. Curriculum based programmes such as invited lectures and seminars are conducted on the basis of a general consensus.

1.1.3 Support received by faculty for curriculum implementation and improving teaching practices

There are specific guidelines in place for teachers from the institution. Moreover, they are sent for Refresher and Orientation Courses from the College to various Academic Staff Colleges on a systematic basis so as to ensure academic relevance. The University also organises training camps for revamped



syllabi and the teachers from the institution are encouraged to attend the same. Recently, the Institute of English, University of Kerala organised a training workshop on Literary Theory for the new syllabus for Post-Graduation in English and four teachers from the Department of English, All Saints' College attended the same.

1.1.4 Institutional contribution to effective Curriculum development

The institution is very forthcoming on providing facilities for ensuring students have the best possible exposure to quality instruction.

- a) The implementation and regular use of ICT enabled classrooms to ensure maximum retention has yielded good dividends.
- b) Remedial classes have been introduced for those students who have difficulty in catching up on regular classroom proceedings.
- c) There is a very strong peer teaching cycle in the college that has ensured responsible teaching and effective learning processes among the students.
- d) The college has also implemented the Student Support Programme introduced by the Kerala State Higher Education Council to ensure that students who need academic assistance are provided the same on a timely basis. Thus, these students are supported to the extent of even providing transportation fare on holidays so that they can attend the classes.
- e) The Walk with a Scholar programme, introduced by the Kerala State Higher Education Council for academically proficient students, has strengthened the mentoring system that is already in place. Select students are allowed access to external mentors as well, so as to ensure that they are well adjusted to face challenges in the future.

1.1.5 Institutional networking and interaction with beneficiaries

The teachers have linkages with various boards such as the Fisheries Board, FIST, CSIR etc. and they use the same to provide a good interface. Eminent personalities from these agencies often address the students. These lectures are curriculum based and help the students to develop a deeper understanding of the possibilities of their curriculum. The Open Courses help in gaining good traction in the subjects of general interest. For Open courses such as Creative Writing and Performing Arts, eminent personalities such as novelists and dancers were invited to give lectures.

The students are sent for University sponsored programmes and open lectures to provide them with maximum exposure to an academic environment. As part of extension activities, the students are accompanied to various charitable institutions for the inculcation of positive values and for improving their social and inter-personal skills.

1.1.6 Contributions to the development of the University curriculum

The institution regularly sends its staff to the syllabus designing workshops of the University. Four teachers were part of the Board of Studies of the University of their Particular Departments.

1.1.7 Courses offered other than the University Programmes

The institution has introduced several add on courses to enhance student participation. The curriculum of these courses is developed by the teachers-in-charge with assistance from experts in the concerned field. These courses equip



the students to acquire skills that will widen their perspective and phenomenally increase their employability.

- a) Ornamental Fish Farming: Diploma course offered by the Department of Zoology. Duration- 6 months.
- b) Fashion and Interior Designing. Duration – 6 months.
- c) Diploma in Beauty Therapy. Duration – 6 months.

1.1.8 Measures ensuring achievement of Stated Objectives of the Curriculum

There is an effective feedback system in place so as to enable a scientific analysis of curriculum implementation. There is a regular academic audit conducted at the end of each academic year so as to assess the pace and the effectiveness of the teaching learning process. Also, the feedback obtained from the students ensures that the goal realisation process is carried out with due diligence and is effectively being received.

The results of the students are compared on a semester basis and their progress is charted out so as to analyse if the current methods are effective or if tailor made measures are to be introduced. For example, in the academic year, 2014-2015, the grammar skills of a certain batch of students were found wanting, leading to immediate steps taken to introduce extra coaching and assistance programmes by the Department of English.

The Heads of the Departments are issued firm instructions so as to monitor the process of completion of portions. The weekly journal that the teachers maintain are examined so as to ensure that there is a systematic build up and follow up in terms of the portions covered. The model examinations are conducted in compliance with the instructions issued by the University so that the students are given a fair idea about how to approach the examinations. Regular PTA meetings are conducted by all the Departments to convey the performance of the students and to establish a strong institution-stakeholder relationship. This will ensure that the parents are also involved in the academic development of the students thus enabling a good academic and personal growth of the students.

1.2 Academic Flexibility

1.2.1 Details of the Certificate Courses Offered by the Institution

In these days of very high competitiveness and compulsory economic independence for young women, our students are trained with the goal of making them self-sufficient and equipping them with the necessary skills for achieving true emancipation and self-respect. The college believes that in addition to the course it offers its students, there should be a set of additional skills that the students should acquire to compete successfully in the job market. Apart from this, if the student so chooses, she should be able to become an entrepreneur in her own right. The following courses are offered by the college on a supplementary basis.

COPA: (Computer Operator and Processing Assistant)- 1 year Certificate Course- affiliated to the National Council for Vocational Trades (NCVT)

DCA: (Diploma in Computer Applications) – 6 months Diploma Course – affiliated to Centre for Continuing Education (CCEK).

SAP: Genuine Course in Accounting



Ornamental Fish Culture and Aquarium Management
Tailoring and Fashion Designing
Mushroom Cultivation

Short term courses in skill enhancement under the aegis of P.N. Paniker Foundation.

1.2.2 Programmes of Twinning Degree

Such options are not applicable as these provisions are absent in the University. But the Institution offers diploma and certificate courses that help the students in their choice of jobs to enhance employability in the job market.

1.2.3 Institutional provisions with reference to academic flexibility

The college follows the syllabi set by the university and chooses electives for each course on the basis of the options given. These options are chosen by the departments on the basis of their viability and their role in the process of skill augmentation. The electives chosen are definitively vital in increasing the knowledge base of the students in their core subject. The choice of these electives are made, bearing in mind the Syllabi for the various PG courses offered by the University as well as other Universities, so as to facilitate the smooth transition of the students to higher education. The institution also offers Open courses that allow the students to choose courses offered by other departments. Thus, students of Botany can take a course in Creative Writing and the students of Physics or History can take up Horticulture offered by the Department of Botany. There is a wide range of such Open courses that the Departments offer and it gives the students a chance to explore options outside their chosen subject of specialization. As these courses are interdisciplinary in nature, many students discover an aptitude for the same and are even known to switch streams for their PG courses. Keeping these changes in mind, the college follows the Open Course procedure in all its seriousness.

Details of Programmes Offered

Course	Semester I & II	Semester III & IV	Semester V	Semester VI
UG				
B.A	English Lang. - I, II Complementary - I, II Core - I Second Language	English Lang - I Complementary - I, II Core - I, II Second Language	Core - I,II,III,IV,V Open Course	Core- I,II,III,IV,V Including Elective, Project
B.Sc	English Lang. - I, II Complementary - I, II Core - I Sec. Lang, Practicals	English Lang - I Complementary - I, II Core - I Sec. Lang., Practicals	Core - I,II,III,IV,V Open Course Practicals	Core- I,II,III,IV,V Project, Practicals
B.Com	English Lang. - II Complementary - I Core - I, II Second Language	English Lang - I Complementary - I Core - I,II,III Elective - I	Core - I, II, III Elective - I Open Course	Core - I, II, III Elective - I Project
PG				
M.A	Core - I, II, III, IV	Core – I, II, III, IV Elective – I, II Comprehensive Paper Project, Viva Voce		



M.Com	Core - I, II, III, IV, V	Core – I, II, III, IV Project, Viva Voce		
M.Sc	Core - I, II, III, IV Practical	Core - I, II, III, IV Practical, Project, Viva Voce		

1.2.4 Self-financed Programmes

On account of the University regularizing the self -financing courses such as Communicative English, there are no current self-financing courses in the College.

1.2.5 Additional Skill Oriented Programme offered by the College

The college is one of the centres of the Additional Skills Acquisition Programme (ASAP) run by the Kerala State Higher Education Council. This programme aims at training students to make them capable of teaching school students and helping those students gain skills such as communication, presentation and lateral thinking. The ASAP has found great success in our college and has gained traction among our students.

The Ornamental Fish Culture is an Add-on course run by the Department of Zoology and has shown the students a direction in terms of learning the means of self-employment and sustaining the same. The trained teachers as well the assistance provided by the Department of Fisheries, Govt. of Kerala have been instrumental in the success of this programme.

The College also runs a Soft Skills training programme to help the students face the on campus interviews confidently. These sessions also help the students to gain insight into resume` preparation, presentation skills, body language etc. Many Departments in the college run classes to coach and assist the students who wish to pursue Higher Education in their chosen fields. The department of English runs NET and entrance coaching classes for the PG and the Final Year English students respectively. Consequently, many of our students have gained admission into reputed institutions such as JNU, HCU, EFLU, IIT-Humanities stream. The final year students are also helped to adjudge their aptitude by facilitating aptitude tests by reputed testing firms. Furthermore, a number of career oriented seminars are held to assist them in making good career and higher education choices.

1.2.6 Distance Mode of Education

There is no provision for this method.

1.3 CURRICULUM ENRICHMENT

1.3.1 Institution initiatives to supplement the University Curriculum

As the college is situated in the socially and economically backward coastal region of Thiruvananthapuram, many of the students are first generation learners. Also, the economic conditions of many have left them with little choice but to pursue a vernacular medium of instruction in their school days. This has led to poor competency in English and these students find it difficult to cope with the rigours of the semester system as well the demands of linguistics skills. However, the college has taken upon itself to ensure that the shortcomings of their earlier system do not affect them and has launched a comprehensive programme to



augment the skills of these students and help them gain all the advantages that their more privileged counterparts have.

Bridge Course and Orientation Course: These courses are run by the college exclusively for the First semester students. The Orientation Course gives the students an introduction to the college, its history and the ideals it stand for. Further, the students are made aware of the different facilities the college extends as well as the possibilities they have here as students in terms of the programmes they can participate in, the clubs they can join etc. The Bridge course helps the students bridge the gap between the skill set required in schools and colleges. The students are given a crash course in rudimentary skills in grammar, comprehension, self-introduction, letter writing and similar vital areas. The ice breaking sessions help the students warm up to each other and develop a co-operative network across different disciplines. These initial efforts help the students to develop a kinship with the institution and motivate them to participate actively in the future proceedings of the institution.

The next step is identifying the students who need help. The rosters of the departments help to locate students who need extra help and remedial classes are brought into play. These students are paid extra attention and their spare time is utilised in peer teaching exercises or in the mentorship programme of the departments. The college also pays attention to its academically proficient students. They are made in-charges of the peer teaching programmes and are also enrolled in excellence building initiatives of the college.

The college conducts model tests in the prescribed University format to see if the students are responding in the desired fashion. Upon valuing the answer scripts, the teachers analyse the performance of the students and take remedial action. There is a designated time every day for remedial classes and for tutorial where the teachers address the students and encourage participation. Students are encouraged to participate in conferences and seminars and to present papers and publish articles in reputed journals.

Two programmes initiated by the Kerala State Higher Education Council have taken wings in the college. The **Walk with a Scholar (WWS)** and the **Student Support Programme (SSP)** has been designed to meet the requirements of the students. The concept of mentoring and providing the students with good academic environments has been taken up and sustained with a lot of enthusiasm. The students are given hands on experience in the labs and the ICT enabled classrooms. They learn to handle state of the art equipment and are able to adapt themselves to modern modes of education. They learn to use ICT with ease and do not become perplexed while facing complicated situations. The college has also established a good rapport with the various stakeholders so that they can all come together to help the students gain a meaningful experience in the college. The college tries its level best to help the students obtain meaningful, holistic education at the least possible cost.

1.3.2 Initiative to equip students for the job market

The college has ensured that its facilities are at par with the requirements of the modern education system. The labs employ the best facilities and the students are encouraged to use these to the maximum. The college equips its library every year with books that are of great value to the students so that they do not have to spend their limited resources in obtaining or purchasing them. Thus, the library has become a valuable repository of traditional sources of knowledge.



The college has provided the students with extensive access to the Internet, thus helping them to gain access to electronic sources and thereby expanding their knowledge base. The students also have access to the computers in the Departments whereby they can gain access to resources on an immediate basis. The ICT enabled classrooms are equipped to give a competitive edge to the mode of instruction in the college making the classes become more interesting and interactive. The various club activities in the college promote group dynamics and help students learn the art of cooperation. Thus the students gain the means to express themselves well and also conduct themselves with self-awareness, accordingly boosting their chances in the job market. The Add-on Courses also help the students to learn an additional skill along with their course, as a result improving their chances of employability. All through their years in college, the students are guided by the career cell in terms of the courses and careers available to them and the choices that they can make. Job fairs are conducted in the college and students are sent to campus recruitment drives as well.

1.3.3 Integration of Cross Cutting Issues into the Curriculum

The tutorial hour in the college is meant for the students to discuss the issues of the day and to learn to express their views and beliefs without fear. During these hours, the students are encouraged to speak on topics of a diverse nature. Also, it is a practice to raise awareness through the morning assembly. Special days such as AIDS Awareness day, Labour Day, Women's Day are spoken about by the students during the assembly. There are celebrations held to mark these special days. Days such as Women's Day, Van Mahotsav, and Human Rights Day etc. are marked with a series of competitions. The syllabus also has chapters on the environment, democracy, gender, human rights etc. The teachers discuss these issues with the students and screen films pertaining to the same. The college also enlists the help of its NSS unit to spread awareness in the campus on issues such as blood donation, hygiene and self-defence. The Open courses run by the Departments of Botany, History and Zoology also incorporate these ideas and actively promote inter-disciplinary discussions. Apart from these endeavours, students are also encouraged to participate in various Extension Activities that give them an awareness of the world around them. The college has various clubs like BhoomitraSena Club, Kuruvi Club, Nature Club and has several initiatives like Women on Wings to promote the students' perception and outreach.

1.3.4 Value-added Programmes for Holistic Development

Moral and Ethical Values: The college attaches great significance to the inculcation of moral and ethical values in its students. The college is exceedingly concerned about the moral and mental well-being of the students. There are concerted efforts in place to ensure that the pressures of academic life or the hot-headedness of youth do not mar the subtle balance of the lives of the students. There is a qualified counselor available in the college. Students can go to her in complete confidence and discuss their issues in absolute confidence. Talks are organized regularly and eminent personalities are invited to lecture on the various aspects of life and how students should conduct themselves. Awareness talks on relevant topics such as cyber-crime are given by police officers and the students are cautioned not to fall into traps. The agencies of the college such as Jesus Youth and AICUF ensure that the students are spiritually rooted and are



not led astray by temptations. Ethics Classes are held on a weekly basis and students are asked to actively participate.

Career Oriented skills: The students are given training in soft skills and essentials such as resume preparation, body language etc. are given special focus. The language lab is used to improve the diction of the students and aid in improving their communication skills. Talks by reputed recruiter firms and trainers are organised so that students can improve their skills. Students are encouraged to talk in English so that they will be more confident in language as time goes by. They are encouraged to handle computers, LCD projectors and sophisticated lab equipment so that they will be more confident in handling gadgets.

Better Career options: Campus recruitment drives are organised on a regular basis. The students are also encouraged to participate in recruitment drives outside campus. Aptitude tests are conducted for them in association with recognised evaluation centres. Systematic training for competitive exams such as UGC-NET, Entrance coaching for acquiring admissions in Central Universities are also provided. Add-on courses give these students an edge over other students on account of the additional qualification.

Community Orientation: The NSS, Community Health club, and Mother Teresa Human Values Club have contributed immensely in improving the interaction of the students with the society. There are regular blood donation camps and the students also organise eye camps and occasional health camps for the nearby adopted Karikkakom village. There are regular clean up drives in which the students take part. The students help clean up the surrounding areas. The students are often part of the various socially motivated initiatives such as the Nirbhaya Movement, the Self Defence movement etc. Select students are sent to take classes at the Vettucaud Government School and to assist the students in their students. Such initiatives of the students have often been appreciated by the Government and socially committed organisations such as Terumo Penpol, leading to the students and college being awarded recognitions for blood donation, planting trees, community service etc.

1.3.5 Use of the Feedback from Stakeholders in Enriching Curriculum

The institution stresses on the importance of obtaining feedback from its stakeholders on a regular basis. Students are encouraged to be forthcoming on the strategies required in planning curriculum enrichment. Though the college does not plan its own curriculum on account of being an affiliated institution, it ensures that at least the curriculum it has been directed to teach is found comfortable by the students. There are provisions in the feedback form provided to the students wherein they are asked to record their levels of comprehension. They are also monitored to find out if they have any difficulty understanding the classroom procedures. Often experts are brought in to address the students on the finer points and nuances of the curriculum.

The Departments conduct internal audit to see if there are any shortcomings or areas that need to be addressed in the instructional procedure. For instance, the Department of English offered an Open Course on Theatre Studies that was found to be too dense by the students. The students felt that the subject was too theoretical and hence, there was a learning problem, especially among the students from the other streams. So, while retaining the subject in its mainstream courses, the department changed the option for its other stream students to



Performing Arts. The latest data collected from the students reveal that they are satisfied with the change and are willing to pursue this course on account of its versatility and the chances it provides for the artistically oriented students.

1.3.6 Evaluation of Quality of Enrichment Programmes

The institution has many enrichment programmes for the betterment of its students who should ideally be the ultimate beneficiaries of these schemes. The college goes to great lengths to obtain feedback on its endeavours. The teachers in charge of the various augmentation agencies such as Career Cell, NSS, AICUF, Jesus Youth, Various Clubs such as BhoomitraSena Club, Mother Teresa Human Values Club, Literary and Debating Association, Kuruvi Nature Club, maintain a good rapport with the students so that they are forthcoming with their requirements and those in charge can modify their plan of action accordingly. The teachers also work in close association with similarly oriented associations outside the institution and thus are able to make provisions to include our students with regard to any innovative programme they hear of. If some programme is not found successful, then, based on the feedback, the same is replaced or modified. The current system of Bridge Course is in place based on the feedback obtained from the students over a period of time.

1.4 FEEDBACK SYSTEM

1.4.1 Contribution of the Institution in Designing University Curriculum

The curriculum of the University is designed by the Board of Studies of the respective discipline. Four teachers of the college were members of the Board and they use this position to streamline the curriculum on the basis of the demographics of our students. They are also instrumental in helping the students locate resources for their studies when the curriculum comes into force.

1.4.2 Formal Feedback Mechanism for Curriculum Enrichment

Yes, there are mandatory regulations for obtaining feedback from the students on the curriculum. The same is collected and processed and conveyed to the Board of Studies during the meetings in the formative stages of the curriculum. The teachers too, have their take on the same as they have years of experience and hence know the general pulse of the students. Further, the suggestions they make are keeping in mind the prospect of higher studies and research. Later, during the process of subsequent revisions, these suggestions are conveyed to the Board. In terms of the internal choices made by the departments, the students are consulted in the choice of electives and a detailed explanation is provided to them of the logic of the choice. Open courses are presented by all the departments to the students and they are asked to choose what interests them the most. Thus, the students are encouraged to have a say and choose their area of interest.

1.4.3. New Programme introduced during the last four years

The introduction of new courses requires permission from the University. The University unfortunately is not very forthcoming in this aspect. Nevertheless, the college obtained sanction to run the B.Com TTM (Travel and Tourism Management) course. This course is in high demand among the students on account of its career prospects. As Travel has become a way of life for many people around the world, management of the same is now a beneficial job profile. The students are taught the basics of accounting and book keeping along with the rudiments of travel management. This makes the course very attractive



CRITERION – II

TEACHING –LEARNING AND EVALUATION

2.1.1 Student Enrolment – Publicity, Transparency, Criteria and Process

The College a Government-aided institution affiliated to the University of Kerala strictly adheres to the admission policy laid down by the University and the Government. Information regarding the various programmes offered by the Institute is published in the College website and College Notice Boards. The University of Kerala has introduced an online single window system for admission to postgraduate programmes from 2009-10 onwards which was extended to the undergraduate programmes during 2012-13. Adaptation of the new system has enhanced the transparency in the admission process tremendously. The College meticulously follows the rules and regulations put forth by the University and the Government to ensure fairness and transparency in the admission process. The lists of candidates to be admitted both on merit and statutory reservation are displayed on the College Notice Board. This list is followed all along the admission process. Utmost care is observed to guarantee the reservation of seats for SC/ST, OBC, and Minorities in accordance with the Government rules. Information about vacant seats is advertised by the College and the University.

2.1.2 Process of Admission and the Criteria Adopted

The college strictly abides by the rules and regulations put forward by the University of Kerala and the Government of Kerala for the admission procedure of the students in UG and PG programmes offered by the College. The criteria adopted for the admission procedure are in accordance with the University norms. A minimum pass mark in the qualifying examination (higher secondary or equivalent) is the basic requirement for becoming eligible to apply for UG courses.

The College offers 10 UG and 3 PG programmes. The University of Kerala frames up the eligibility criteria, sets the dates for distribution and collection of application forms, publication of rank lists (confirmed and waiting), admission notification and date for the completion of admission process.

40% of the seats are allotted for open merit, 20% for reservation students (SC/ST), 20% for community quota and the remaining 20 % for Management Quota with a minimum cut off merit. 1% of the merit seats in degree courses are reserved for each of the three sections of the physically handicapped viz blind, deaf and orthopedically handicapped. Two seats in the merit quota in each discipline are reserved as sports quota. A helpdesk which functions in the college during admission provides support facilities for students pursuing graduate and post graduate admissions in the college. Other than regular courses, computer courses like COPA and Add on course on 'Ornamental Fish Culture and Aquarium Management' offered by University Grants Commission are also functional in the college.

Eligibility for various UG and PG programmes is based on the marks obtained in the qualifying examinations: Plus two for UG admissions and a UG degree for PG admissions. Weightage for NCC, NSS and Ex-service quota is accorded as per the Government rules.



UG and PG Admissions

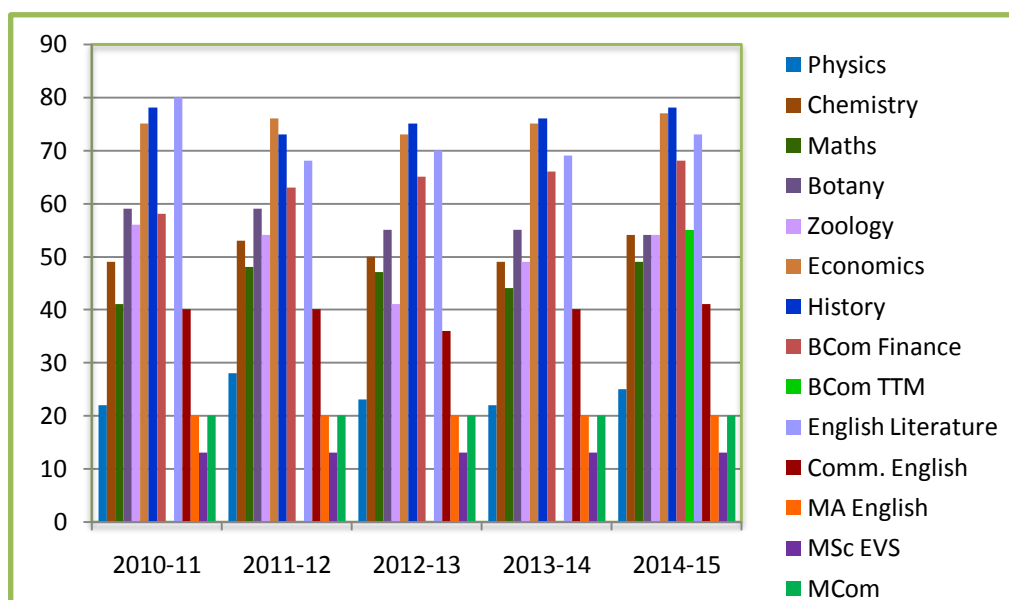
The University of Kerala prepares a rank list for all programmes following the above mentioned criteria. Allotment memos are issued to the selected candidates in each category and the same is informed to the respective Colleges. After verifying the eligibility, the allotted candidates are admitted in the respective programmes of the College. If any vacancy remains after the centralized admission, University issues order for spot admission at the college and the same will be published in print and visual media. A rank list for each programme will be prepared in the College considering those candidates who report on the day and the merit will be compared with the rank list provided by the University, before granting admission.

The College also constitutes an Admission Committee comprising the Principal, Office Superintendent, Admission Committee Convenor, and Heads of Departments to coordinate the entire admission process.

PhD Programme:

Scholars who have cleared NET/JRF and other similar qualifying examinations conducted by the University can apply directly to the Research Centre in the Department of English.

Prog	No. of Applicants					No. of Students Admitted				
	2010-11	2011-12	2012-13	2013-14	2014-15	2010-11	2011-12	2012-13	2013-14	2014-15
Under Graduate										
Physics	1634	1536	1993	2501	2353	22	28	23	22	25
Chemistry	2010	2095	2362	2847	2840	49	53	50	49	54
Mathematics	1009	1169	1265	1974	1655	41	48	47	44	49
Botany	1881	1781	2113	2717	2373	59	59	55	55	54
Zoology	1750	1851	2285	2994	2537	56	54	41	49	54
Economics	1581	1381	1684	2437	2222	75	76	73	75	77
History	1011	1018	1129	1693	1517	78	73	75	76	78
BCom Finance	2510	1935	2161	2580	2666	58	63	65	66	68
BCom TTM	-	-	-	1369	1263	Course commenced in 2014				55
English Literature	2500	2551	3186	4512	3686	80	68	70	69	73
Comm. English	1090	1036	1224	1986	1610	40	40	36	40	41
Post Graduate										
MA English	980	870	763	841	825	20	20	20	20	20
MSc EVS	500	573	621	742	752	13	13	13	13	13
MCom	768	675	789	792	893	20	20	20	20	20



2.1.3 Marks for Admission at Entry Level

Minimum and maximum percentage of marks for admission at entry level

Post- Graduate						
Course	Max/ Min	2010-11	2011-12	2012-13	2013-14	2014-15
MCom	Max.	90	86	92	92	95
	Min.	50	52	57	53	58
MA English	Max.	89.5	88.2	90.5	91.22	97
	Min.	55.09	54.1	54.47	55.06	56
MSc EVS	Max.	77.7	79.1	84	84.5	88
	Min.	55.3	62.4	56.8	62	62.5

Minimum and maximum percentage of marks for admission at entry level (UG)

Course	Max/ Min	2010-11	2011-12	2012-13	2013-14	2014-15
Physics	Max.	90	91	95	98	94
	Min.	61	58	64	63	71
Chemistry	Max.	91	93	92	92	95
	Min.	60	57	54	60	67
Mathematics	Max.	93	88	90	95	94
	Min.	52	59	54	56	65
Botany	Max.	81	77	94	86	90
	Min.	61	60	58	54	50
Zoology	Max.	65	78	92	80	92
	Min.	55	50	50	50	50
Economics	Max.	82	80	85	87	93
	Min.	51	53	54	56	55
History	Max.	86	85	85	95	93
	Min.	54	53	50	55	55



Commerce	Max.	96	94	95	95	91
	Min.	69	66	62	60	65
English Literature	Max.	84	85	90	92	93
	Min.	52	54	54	53	54
Comm. English	Max.	82	88	90	90	91
	Min.	53	51	54	54	53

2.1.4 Mechanism to Review the Admission Process Annually

The entire process of admission is executed and reviewed by the Admission Committee constituted for the purpose. The Committee reviews the admission process and updates the latest positions to the University during the period of admission. The Committee ensures that the vacancies are filled up in accordance with the rank list. The vacancies for SC/ST, if any, are advertised three times in the newspapers and in their absence are filled by OEC students. A review is also done on the seats allocated to the Community quota and Management quota to make sure that the rules and regulations of Government as well as the University of Kerala are adhered to.

- ❖ The admission procedure is centralized and executed by the University.
- ❖ The college conducts annual review of the admission procedure of the students who are admitted in the open merit and reservation quotas.
- ❖ The internal admission committee monitors the entire admission procedure.
- ❖ Any anomalies and technical snags that occur during the admission brought to the notice of the University and corrective measures are appropriately initiated.
- ❖ Admissions to the community and management quota are carried out, without discrimination and segregation, in the college by the admission committee and it is ensured that the eligible meritorious applicants are absorbed for the various courses offered by the College according to prescribed University rules, hence it is imperative that the college should strictly adhere to rules of the University and the Government.
- ❖ The collaborative effort of both the management and the college ensures utmost transparency in admitting the students.
- ❖ The profiles of the students are reviewed annually by the concerned departments and if necessary, judicious steps are initiated to complement and hone their innate skills and talents.

Outcome

The outcome of this procedure although tedious and elaborate, is meticulous, systematic and well documented. This ensures that the whole process is fair and transparent and provides ample scope for further reviews.

2.1.5 Student Profile reflecting National Commitment to Student Diversity and Inclusion

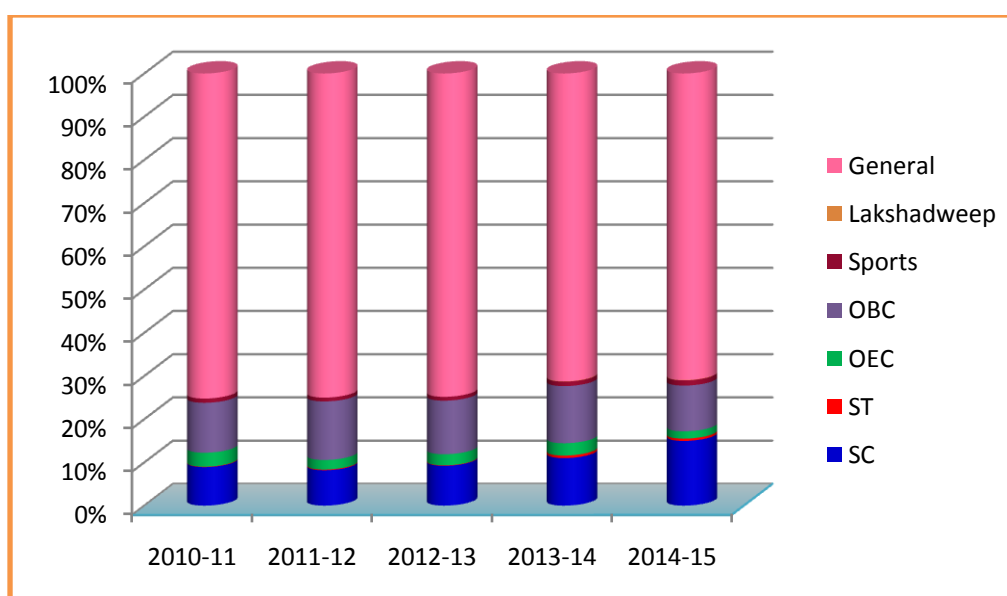
- OBC
- SC/ST
- Minority

The Institution was founded exclusively for the education of women, and therefore only girls admitted. The reservation policy of the Government is adhered to, in the case of SC/ST, OBC, Community, etc. The seats assigned for

merit and reservation are according to the regulatory authorities - the Government and University. The seats allotted for community merit by the Government caters to the minority segment of which the College is a part. The economically and socially backward students benefit from both Institutional and Governmental stipends and other schemes for food and accommodation in the hostel. Study materials are provided free of cost to the poor students. Free lunch is provided to deserving students who do not reside in the hostel.

Socio Economic Profile – UG & PG

Category	2010-11	2011-12	2012-13	2013-14	2014-15
SC	182	148	165	208	283
ST	2	3	2	11	10
OEC	66	40	46	54	32
OBC	236	245	222	250	200
Sports	20	16	16	20	23
Lakshadweep	-	-	-	1	1
General	1536	1356	1340	1347	1341
Total No: of Students	1842	1808	1791	1891	1890



2.2 Catering to Student Diversity

2.2.1 Addressing the Needs of the Differently Abled

The institution strictly adheres to the reservation policy on admission to differently abled students.

- Necessary guidance and support is provided to such students through counseling.
- The institution provides all necessary facility for their mobility in the campus through ramp and wheel chair. Moreover class rooms are also arranged for such students on the ground floor as and when required. Chairs with left hand writing pad are also provided as part of the facility.
- Scribe facility is also provided during examinations.
- Financial assistance is provided as per the norms of the University.



2.2.2 Assessment of Knowledge and Skills and the Strategies Adopted

At the time of interview, the concerned department verifies the marks of each student.

- The department council conducts the assessment of students.
- Students are recommended to join various clubs in the institution based on their knowledge and skill.
- Questionnaires are distributed to the students in the tutorial classes to assess their socio-economic background, skills, goals etc.
- At the beginning of every academic year the institution organizes Orientation Programme for the freshers of undergraduate and postgraduate programmes.

Orientation Programme

The Principal addresses the students and provides detailed information about the facilities available in the college. They are informed about the rules and regulations of the college. General information regarding the structure and evaluation of their programme is also delivered. In addition, information is also provided regarding scholarships, concessions, endowments, loans and other financial assistance available to students.

2.2.3 Strategies adopted to Bridge the knowledge Gap

Orientation classes are arranged by each department at the beginning of the academic year so as to enable the students to cope with the programme by explaining to them the aims and objectives of the programme. Class Teachers through mentoring and Tutoring identify slow learners and provide them with necessary remedial and bridge courses. Bridge courses and enrichment courses are also arranged for students. 20 hour short term courses are provided to update and enhance computer knowledge and communicative English of all students of first year degree classes.

2.2.4 Sensitization of Staff and Students on Cross Cutting Issues

The College leaves no stone unturned in creating awareness of issues like gender inclusion and environment, which take the top priority in the list. Motivational programmes are organized by the institution for the staff periodically, providing facilities for them to attend various seminars and workshops. The social gatherings of teaching and non-teaching staff, Alumni, PTA create an academic environment ensuring gender equity and accessibility and inclusion of under privileged sections of the society. The activities of the Women Studies cell, Human Rights Club, Environment Club, Biodiversity club, Nature Club, Bhoomithra Sena Club, NSS, NCC, and Subject Associations sensitize students about their rights, duties, concern for social responsibilities, peace, justice and equity and above all protection of the environment for the creation of a healthy society. Students are encouraged to take up projects which focus on gender equity, environmental issues and social inclusion. Various seminars, Poster Display, Camps and debates are arranged on various issues on gender discrimination and empowerment. Legal Awareness Programmes are also organized in the College.

2.2.5 Identification and Support to Advanced learners

- Class teachers mentor the students and identify advanced learners.
- Peer teaching is practiced in the college.



- Regular seminars, invited lectures, Quiz, Debates, Group and Panel Discussions are conducted by Subject Associations, Women's Cell, Brains Trust and Alumni Forum of the college.
- Students are encouraged to participate in various intercollegiate competitions.
- The teachers provide additional impetus to the brilliant students in the form of advanced supplementary textbooks and expose them to latest trends in their respective disciplines of study.
- Projects are encouraged and excellent projects are selected for prizes. Selected projects are presented in the intercollegiate competitions and in National Seminars.
- Cash awards are provided to best performers in academics and university ranks holders are honoured by the college community.
- Moreover, the college takes every possible imaginable and pragmatic step to motivate the advanced learners to bring laurels to the institution in the form of university ranks and prizes in various college and state level competitions.
- Coaching is given for the PG students to excel in the competitive exams like UGC—JRF/NET.
- Career counseling is provided.
- Students are encouraged to visit institutions of national repute.
- Orientation courses on various topics are promoted for students inside and outside the campus.
- Students are also encouraged to present papers and publish their work in publications of national and international status.
- UGC sponsored add on courses are provided for advanced learners.
- Groups of advanced learners are formed and special trainings by experts are given to them. Advanced learners are also given awards and scholarships. Their excellence is appraised at special gatherings.

2.2.6 Measures Implemented to Reduce Drop Out Rate

- Based on the biodata provided by students and through interaction, the students are identified by the class teachers at various levels like socio-economic status, family background, parents' educational level etc.
- An Equal Opportunity Centre is functioning in the college which caters to additional needs and effectively implements policies and programmes for disadvantaged students such as SC/ST and minorities.
- Regular test papers are conducted by teachers and on identification slow learners are given regular counseling and remedial classes Noon meals and financial assistance by the teachers are provided to economically weak students.
- The students are constantly monitored.
- Motivation and Leadership Training Programmes also form part of the support provided.

2.3 Teaching-Learning Process

2.3.1 Teaching, Learning and Evaluation Schedules

- ❖ The academic calendar, which is framed by the University of Kerala, is published in the college website and the notice boards of departments. Based on it the College prepares an Academic calendar and is circulated



to all Departments for its implementation for that academic year. A more detailed schedule for the semester is prepared and the heads of departments plan a module-wise division of syllabus.

- ❖ Teaching plans, maintained by every faculty member, are closely monitored by the heads of the departments and extra classes are arranged in case of any unforeseen delays in the completion of the portions as planned.
- ❖ Log books are maintained by the student representatives and are monitored by the heads of the departments on an hourly basis. These are also periodically verified by the principal.
- ❖ Assignments, seminars and test papers are conducted to evaluate the performance of the students. The evaluation reports are signed by the students, tutor, HOD and Principal before it is sent to the university.
- ❖ Study tours and industrial visits are conducted to enhance knowledge at the practical level.
- ❖ Exceptional laboratory facilities for the science disciplines, language lab for arts disciplines and a cutting-edge computer lab with LAN and internet facilities are the hallmark characteristics of the college.
- ❖ Furthermore, all the departments are supplied with avant-garde computers with an enviable 10 Mbps bandwidth internet connectivity.
- ❖ The teachers maintain a work diary to note down the day-to-day events including curricular, co-curricular and extracurricular activities. The teachers' work diary is duly signed by the concerned teacher and is monthly verified by the Head of the Department.
- ❖ Attendance of the students is taken hourly and monthly attendance is displayed on the notice board. Semester attendance is consolidated at the end of each semester which is sent to the University along with the continuous assessment (CA) marks after rectifying the anomalies, if any.

2.3.2 Contribution of the IQAC to Teaching –Learning

- ❖ The IQAC was re-constituted after the NAAC accreditation in 2008 to co-ordinate and supervise the post-accreditation programmes.
- ❖ Quality sustenance and improvement are the prime spots of concentration of the cell.
- ❖ It develops an action plan for the academic year and interacts with Students/ Management/ Society to assess and elicit suggestions/ recommendations on important areas like introducing need based new academic programmes, improving infrastructural facilities etc.
- ❖ Every year the IQAC foregrounds its recommendations to be implemented within an academic year. It prepares distinctive blueprints of the activities pertaining to every semester.
- ❖ It motivates the faculty to participate in state, national and international seminars and workshops.
- ❖ It encourages both the faculty and the students to exploit the potentialities of the available ICT facilities like ICT enabled classroom and e-learning through internet.
- ❖ It initiates steps to synergize interdepartmental and inter-collegiate activities.
- ❖ It nurtures a progressive research culture among the faculty and students



through collaborations with various research and academic institutions.

- ❖ It encourages the faculty to identify their academic and non-academic proficiencies and ensures judicious, resourceful and advanced performance of academic, administrative and financial tasks.

2.3.3 Support Structures for Teachers to develop student-centric learning

- ❖ The teachers are encouraged to participate in orientation and refresher courses to improve the learning-teaching skills.
- ❖ With over 50,300 books and e-journals, the library caters to the academic and aesthetic interest of the teachers in their area of the study to implement their knowledge in teaching. Cataloguing helps the students to find the required materials easily.
- ❖ The institution successfully employs method like remedial teaching, peer-teaching, group assignments, discussions and seminars.
- ❖ Departments organise quizzes, essay writing, elocution and exhibitions to enhance student creativity.
- ❖ State of the art ICT facilities viz projectors, Power Point presentations, language lab, audio-visual room, etc are effectively employed.
- ❖ The IQAC organizes various professional development programmes in the college.

2.3.4 Nurturing Critical Thinking, Creativity and Scientific Temper

- ❖ The college has been conducting a series of seminars with the aid of the funds provided by the UGC and have contributed richly to academic research and collaborative activities on an inter-institutional basis.
- ❖ In addition to the clubs like Arts Club, Quiz Club etc., each department has its own Association. In order to generate and promote interest in the subject concerned, talks, seminar, exhibitions are regularly organized.
- ❖ The Science club functioning in the college gives a clear idea about species conservation, its importance and nature conservation.
- ❖ Students are part of the seminars organized by other colleges and institutions in which they actively participate in paper and poster presentations.

2.3.5 Institutional Facilities Available and Used in Effective Teaching

The college is equipped with a Computer Centre which is affiliated to the National Council of Vocational Trades (NCVT), Government of India. The Centre has the latest computers, software packages and a library with a good collection of books on Computer Science. The centre is fully equipped to handle almost every modern course in the computer field. Apart from this the college also has facilities like:

- ❖ Web OPAC (Online Public Access Catalogue)
- ❖ Language lab
- ❖ INFLIBNET
- ❖ Seek- Inter departmental Research Magazine
- ❖ IGNOU Courses
- ❖ Ornamental fish culture unit
- ❖ IT Mission Project
- ❖ E- learning



2.3.6 Exposure to Advanced Level of Knowledge and Skills

Departments conduct seminars and workshops for staff and students to help them to advanced level of knowledge and skills. To keep abreast of the new developments in the respective areas of specialization teachers, UG and PG students are encouraged to attend seminars/workshops/conferences and to attend refresher/orientation courses organized by other universities and institutions in the country and abroad (Further details are provided in the department profile).

- ❖ The college offers remarkable opportunity to the students and faculty for exposure to advanced level of knowledge and skills in their relevant subjects.
- ❖ Exceptional and prodigious experts are entrusted with the responsibility to deliver pertinent matter relating to specific subject and language during the state and national seminars, workshops, orientations and lecture series conducted by the college.
- ❖ Teachers can avail authorized leave to participate in seminars, training programmes conducted by the University and other institutions, summer schools and workshops to update their knowledge in their field of study. It helps them to disseminate the same to their students during classroom interactions.
- ❖ The system of open course envisaged by the University encourages the learners to engage in inter-departmental studies. It is a unique experience for the students of one department to learn a specific subject of another department. The flexibility of open course is restricted to the fifth semester B.A, B.Sc and B.Com students. Topics related to general awareness; health and hygiene, and environmental studies are amalgamated in the programmes conducted by the various clubs of the college. It helps the learners to imbibe knowledge other than their primary subject of study.

2.3.7 Academic, Personal and Psycho-Social Support and Guidance Services

- ❖ **Grievance Redressal Cell for Students:** The committee has the authority to settle grievances raised by the students. The students are to lodge their grievances with their respective tutors who in turn intimate the matter to the committee for necessary action.
- ❖ **Special Grievance Cell for the Welfare of SC/ST students:** This cell has been formed with a view to assist the students belonging to the Scheduled Caste and Scheduled Tribes.
- ❖ **Counselling Cell:** A Counselling Cell has been instituted in the college with the aim of helping the students deal with both personal and academic problems. It helps the students to identify their strengths and weaknesses and to plan their educational paths and careers in accordance with this. The cell organizes seminars, workshops and career guidance programmes. The cell also extends the services of professional counselors to the students. A group of compassionate seniors get together and offer counseling via the Students Counselling Centre, along with study aids and material support for the underprivileged students who approach them. A qualified counselor



is also appointed by the Centre who offers advice to the students and recommends select students for assistance by way of study or material aids.

- ❖ **Discipline Committee:** The Discipline Committee is in charge of ensuring a peaceful campus congenial to study. Any act of commission or omission on the part of the students which threatens the peaceful atmosphere on the campus is investigated and appropriate disciplinary action is taken. The Disciplinary Committee consists of senior faculty members, NSS Programme Officers, Staff Advisor to the College Union, elected members of the College Council and five elected student representatives of the College Union.
- ❖ **Anti-Ragging Grievance Redressal Cell:** Two senior members of the teaching faculty and a senior member of the administrative staff make up this cell. The students can express their grievances regarding any aspect of the college or campus. A complaint box is set up for this purpose. The Committee takes the complaints seriously and corrective measures are taken immediately.

2.3.8 Innovative Approaches in Teaching

The institution offers remedial coaching (Student Support Programme) to help the weak students through

- ❖ Debates, group discussions, quiz and revision test
- ❖ Talks by eminent speakers/ subject experts

2.3.9 Library Resources to Augment Teaching Learning Process

The Library has General section, Post Graduate section, GATE Register, Web OPAC (Online Public Access Catalogue), N-List and Internet facility which helps the students and teachers alike.

2.3.10 Challenges in Completing the Curriculum and the Institutional Approaches to overcome them

- The college adopts all possible measures to complete the curriculum within the specified time frame.
- Strenuous academic syllabus prescribed by the University is a matter of concern as it is an intricate task for the teachers who are pitted against intense and busy time schedule.
- Transformation from annual scheme to semester scheme has exacerbated the condition. The curricular, co-curricular and extra-curricular activities to be completed in a semester with time constraint demands high level of professionalism from the teachers. So the faculty individually arranges extra classes and extended sessions to meet the requirement.

2.3.11 Efforts to Monitor and Evaluation of Teaching- Learning

- ❖ The IQAC monitors the quality of teaching learning and feedback from students is obtained periodically.
- ❖ Assignments and seminars are given on curricular topics.
- ❖ Attendance/ Log book is maintained to ensure the proper utilization of teaching hours.
- ❖ Test papers are conducted and the results are published on time.



2.4 Teacher Quality

2.4.1 Details of Faculty Qualification and the Strategies adopted by the College for Recruitment and Retention of Staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
PhD	-	-	-	6	-	20	26
MPhil	-	-	-	5	-	10	15
PG	-	-	-	1	-	15	16

- ❖ 16 teachers are pursuing research leading to PhD
- ❖ The college follows a transparent, impartial and judicious process for the recruitment of qualified and competent faculty. The policies of the Management are such that candidates with excellent academic background, professional qualifications and managerial capacity are selected. Teachers are recruited according to UGC norms of qualification and State Government rules and regulations. A 1:1 ratio of open and community quota is maintained. Vacancies are identified and advertised in the national dailies as well as in the University Newsletter. From the list of applicants, eligible candidates are called for an interview. The interview board comprises of the Manager, Government nominee (a civil service officer not below the rank of Deputy Secretary), Principal, Subject expert, and any representative nominated by the Manager. The ranklist is prepared on the basis of their performance in the interview and academic merit. PG with 55% of marks along with NET/ PhD is the minimum qualification but due weightage is given for marks at the PG level and M.Phil/ Ph.D/ PDF and research publications. Appointment is done in the order of ranks in the list.

2.4.2 Institutional Efforts to meet the demands for Qualified Faculty for New Programmes.

- ❖ The institution has been a pioneer in the region in terms of introducing different courses. M.Sc Environmental Sciences has been regularised and staff was appointed on regular basis under the University of Kerala. The course structure covers many emerging areas of importance such as Geographic Information System, Environmental Management, Environmental Impact Assessment, Environmental Economics and Microbiology. New Add on courses which permit students to gather information other than curriculum has also been introduced in the college, like, Ornamental fish culture and Entrepreneurship Development. Open courses like Essentials of Chemistry, Women Empowerment, Astrophysics, Horticulture etc, are a few emerging areas of study offered by different departments as part of curriculum revision. The support provided by the senior faculty in the college helps in mentoring the junior faculty members by providing them with proper guidance.
- ❖ Teachers are provided with opportunities to attend workshops, seminars and conferences in their respective areas of study. The Kerala State Higher Education Council and Academic Staff Colleges



provide necessary training for teaching new programmes. To augment the classroom lectures and to equip the faculty with the latest developments in relevant fields of studies, all the departments meet the need by organising special lectures, guest lectures, talks and workshops at the local, regional and national level. Seminars/conferences and workshops are also organised to provide intensive exploration of select themes.

2.4.3 Strategies Adopted to Enhance Teacher Quality.

a) Nomination to Staff Development Programmes

As a strategy to continuously upgrade the skill set and knowledge of the faculty, the institution organises annual staff development programmes on emerging areas of higher education by external experts. Besides these the Faculty is motivated by circulating information regarding various quality enhancement programmes received from the agencies conducting such programmes. Submitted applications are scrutinised by a selection committee comprising of the members of the staff council. Seniority of the applicants and availability of teachers for smooth conduct of the departmental activities are the criteria for selection. Permission has been granted to all incumbent applicants to undergo training.

Academic Staff Development Programmes	No. of faculty
Refresher courses	18
HRD programmes	1
Orientation programmes	22
Staff training conducted by the university	23
Staff training conducted by FLAIR	15
Summer / winter schools, workshops, etc.	12

b) Faculty Training Programmes Organized by the Institution.

- ❖ Teaching learning methods/approaches - Training classes for LCD projector display.
- ❖ Handling new curriculum - Orientation programme and workshop are arranged for revised curriculum (Choice Based Credit Semester System - CBCSS) at the college level. Orientation programme for CBCSS are arranged for teachers and students at department level. Training programmes at university level for new practical curriculum.
- ❖ Content/knowledge management - Orientation programme and leadership training for teachers by HRD trainers.
- ❖ National and regional seminars, workshops, colloquium etc. in different subjects.
- ❖ Selection, development and use of enrichment materials.
- ❖ Experts in different subjects are invited for talks to enhance the interest and involvement of teachers.
- ❖ Assessment - Self-appraisal forms as prescribed by UGC are being used for self assessment by teachers. IQAC provides forms for self-appraisal for teachers. Evaluation of teachers by the students is carried out during the course.



- ❖ Cross cutting issues – The teachers are sensitized towards cross cutting issues like environmental protection, ethical, moral and spiritual values.
- ❖ Audio-Visual Aids/Multimedia - Workshops are conducted to familiarise faculty with methods of Information and Communication Technology and modern teaching practices. The IQAC regularly conducts training programmes for the faculty in the usage of audio visual aids/ multimedia whenever there is an upgradation of technology.
- ❖ OER's – Open Education Resources are provided for teachers to improve and update curricular and extracurricular knowledge in the library and in the concerned departments.
- ❖ Teaching learning material development, selection and use - Prescribed texts by the University are supplied through the Co operative store. Learning materials are also provided by teachers mainly in UG classes

c) Percentage of faculty

Item /Year	2010-11	2011-12	2012-13	2013-14	2014-15
As resource persons in Workshops / Seminars / Conferences organized by external professional agencies	-	2%	2%	1%	5%
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	57%	58%	87%	92%	83%
Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	20%	30%	34%	47%	46%

Departments	2010-11	2011-12	2012-13	2013-14	2014-15
As resource persons in Workshops/ Seminars Conferences by external professional agencies					
Chemistry	-	-	2	-	1
Env. Sciences	-	-	-	1	1
Physics	-	-	1	-	2
Economics	-	-	-	-	1
History	-	-	-	-	1
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies					
Physics	1	8	3	10	10
Chemistry	1	-	9	27	16
Mathematics	3	5	11	6	5
Botany	12	12	10	12	3
Env. Sciences	-	3	10	22	2
Zoology	17	12	7	12	13
Economics	2	1	3	2	8
History	10	2	9	15	12
Commerce	-	-	-	18	5
English	11	9	21	8	5
Malayalam	-	-	-	8	2
Hindi	-	-	-	-	-
French	-	-	-	1	2
Physical Education	-	6	2	3	-
Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies					
Physics	3	8	2	9	8



Chemistry	8	1	-	8	13
Mathematics	1	2	-	-	-
Botany	1	9	5	7	1
Envt. Sciences	1	3	2	22	2
Zoology	-	1	1	2	5
Economics	3	-	1	1	1
History	-	-	6	13	8
Commerce	11	-	-	18	5
English	-	9	17	6	5
Malayalam	-	-	-	8	2
Hindi	-	-	-	-	-
French	-	-	-	-	-
Physical Education	-	2	-	3	-

2.4.4 Policies/ Systems to Recharge Teachers

- ❖ As per UGC guidelines, study leave is granted to faculty undergoing research for the duration of their research work. Furthermore, the college provides “seed money” for initiating research. Classes of faculty who are undergoing such activities are adjusted within the department for the smooth functioning of the college.
- ❖ As part of the recharging of teachers, the Management has given authority to the Principal to grant leave for attending seminars, conferences, workshops and training programmes in India for short duration. For travel outside the country, the proposal is placed in the College Governing Council and the Manager consents for the the same. Under this policy, teachers are encouraged to attend regional, national and international academic seminars and conferences, refresher courses, orientation programmes, workshops etc. The institution encourages its teachers to avail the Faculty Improvement Programme of UGC. The Management supports the teaching departments in arranging national seminars, workshops, science exhibitions etc

Programmes conducted in the last five years

Level	2010-11	2011-12	2012-13	2013-14	2014-15
International/National Seminars	3	3	3	14	3
Workshops	3	2	1	2	3
Training	4	4	3	6	1

2.4.5 Awards / Recognition for Teachers

Name of Teacher	Awards/recognition	Year of honour
Dr. Siny G Benjamin	Best paper presentation on International Conference on Emerging Trends in Biotechnology and the 6th Annual Convention of the Biotech Research Society, India at Banaras Hindu University, Varanasi.	2010
Dr. V M Mettilda Rose	Awarded certificate of appreciation for voluntary Blood donation from the NSS State Liaison Office and Terumo Penpol Ltd. Received an award of All Saints' College for supporting the Voluntary Blood Donation Programme by the Sree Chithra Blood Bank.	2010
Ms. Vidya M Nair	Received award for the best Blood Donor Motivator by Terumo Penpol.	2010



Dr. Siji V L	Best Poster Presentation Award of 23rd Kerala Science Congress	2011
Dr. VM Mettilda Rose	Awarded the Certificate of Merit for Exemplary Service for the NSS by the University of Kerala.	2012
Dr. Smitha Asok V	Best Paper Award in the Biodiversity session of the International Seminar on World Bioheritage Concerns over Climate Change with special reference to Ethnic Vegetables (Botanica, 2012)	2012
Ms.Cinthy Christopher	Best Poster Award in the Regional Science Congress on 'Science for Shaping the Future of India' by the Indian Science Congress Association	2012
Dr. P S Anjana	Kerala State Young Scientist Award in Physical Sciences -2012	2012
Dr. Reshmi R Prasad	Best Paper award for the paper presented in RDA's 14 th International conference on "An Analysis of India's Foreign Trade".	2013
Dr. Ayona Jayadev	Best Paper Award for the paper presented in Contemporary Techniques in Environmental Research and Conservation	2014
Dr. J K Reshma	Awarded Certificate of appreciation for Best Programme Officer (NSS) under University of Kerala	2014
Dr. Beenakumari K. S.	Best Paper award for a paper on Development of suitable Corrosion inhibitor for pipeline corrosion" in CTERC.	2014

2.4.6 Evaluation of teachers for quality improvement in teaching-learning process

Teachers are given confidential feedback about their teaching effectiveness on the basis of an institutionalized mechanism of evaluating them. Every teacher is evaluated by students - on punctuality, teaching methods, interest in teaching, ability to teach theory and practical, upgradation of knowledge, response to student problems, participation in organizing co curricular and extra-curricular activities etc. The teacher is made aware of her strengths and weaknesses through feedback which is analysed by the Principal, HOD and the concerned teacher and is kept confidential. The feedback of evaluation has been used for improving the quality of teaching by initiating appropriate corrective measures. The college, in some of its programmes and courses, have used the process of evaluation of its infrastructure, material and teaching methodology by students. This has resulted in better formulation of the course content and the duration of the course as well as pedagogy.

2.5 Evaluation Process and Reforms

2.5.1 Stakeholder Awareness of Evaluation processes

- The evaluation methods are displayed on the departmental notice board. Regular notification regarding examination is also a feature of the teaching-learning and evaluation process of the institution.
- The IQAC advises faculty members on the mode of evaluation to be followed prior to the commencement of the academic programme.



- At the beginning of the academic year, students are given a detailed orientation on all the academic and administrative processes.
- At the very outset of each semester, the teacher gives the students a clear picture of the course-content and objectives, the number and nature of assignments and their due date of submission, the level of seminar presentations expected, and the evaluation criteria applicable.
- Shortly after the commencement of first semester, the HOD's convey to the students the expectations, which in turn help the students to set their goals for that semester. Students are informed of the probable time of examinations at the college and University level.
- Parents are also kept informed about the nature of the courses and the evaluative processes during the Parent-Teacher Meeting held twice a year.
- During the faculty council meeting the general performance of the students is discussed. This throws light on the awareness level of the students on the evaluation criteria and helps the institution to change strategies, if needed, to augment the student awareness.

2.5.2 Evaluation Reforms of the University and the Institution

(a) Major evaluation reforms of the University for UG courses

➤ Continuous Assessment and End Semester Assessment

Evaluation was done on an annual basis till the end of the academic year 2009-10. In 2010, the Choice Based Credit and Semester System (CBCSS) was introduced by the University. As part of this, internal assessment system, grading system and grade points were introduced to the existing evaluation system. This helps to evaluate the student more effectively. Assignments, seminars, internal exams etc., and active participation in the class and lab form the basis of internal evaluation. The project and viva-voce system were introduced in the UG programmes that helped in the evaluation of students based on their creativity and efficiency in various aspects of their studies.

The college has introduced the following evaluation systems according to the University guidelines:

- ❖ Two internal test papers in each semester before the University End Semester examination.
- ❖ Evaluation through Seminars & Assignments.
- ❖ Regular monitoring of practical sessions.
- ❖ Meticulous records on student attendance.

In order to ensure transparency in the CA, the marks are verified and authenticated by the students. There is a mechanism to raise clarifications if any with the faculty concerned. If their grievance is not resolved by the respective faculty, they can approach the HOD and finally the Principal.

➤ Club Activities

As part of CBCSS, every student has to register for any one of the clubs and should participate in the activities during the 3rd & 4th semesters. The College has 21 clubs including Science Club, Literary Club, Quiz Club and the students have freedom to choose their area of interest. Each club has one or more teacher conveners to evaluate the activities and record it for evaluation. Club activity report is sent to the university along with the internal assessment statements.



During the fifth semester students have an opportunity to select an open course other than their core subject and is subject to evaluation with internal assessment & University examination.

➤ **Online Examination Management by the University**

The University has introduced facility for online registration for examination in 2011. This new system enables the downloading of the application forms and hall tickets, the uploading of CA marks and the publication of the results in the University website.

➤ **Most recent Evaluation Reforms**

The most recent evaluation reforms introduced by the University are the introduction of mark system with effect from 2013 admissions. According to the new system 20 marks are fixed for continuous evaluation and 80 marks for end semester examination for each paper. In place of two test papers as per the present system, one test paper shall be conducted. For all courses grades are given on a 7-point scale based on the total percentage of mark (CE+ ESE).

(b) Major evaluation reforms of the University for PG courses

For PG the semester system was introduced in 2001. The project and viva voce system helps in the evaluation of students' creativity and efficiency in various aspects of their studies. A maximum 25 marks are assigned for internals for each paper based on assignments, seminars, attendance & test papers. The end semester examination is conducted for 75 marks for each paper. The University has introduced the facility for online registration for examination in 2011. The institution uploads CE reports in the university website regularly and the final results are published in the university website.

(c) Evaluation Reforms by the Institution

- ◆ **Feedback from students:** Students' feedback on each teachers handling of different subjects is collected during every semester. At the beginning of the subsequent semester, the Principal personally shares the summary of the feedback with individual teachers, thereby enabling them to understand their strengths and weaknesses.
- ◆ **Evaluation from Parents:** Parent Teacher meetings are organized twice a year to discuss the concerns and performance of each student. This gives an opportunity to the parents to give feedback about their wards to the college. The teacher meets the parents individually to make the sharing more focused and meaningful.
- ◆ **Assessment by Employers:** Feedback is sought from the employers of students, especially those placed through campus placements. Their suggestions are integrated in the form of corrective measures for the subsequent batch of students.
- ◆ **Feedback from the Alumni:** The College appreciates and values the feedback from the alumni towards the improvement of teaching-learning- evaluation processes. It maintains a constant interaction with the alumni and gets them involved in diverse activities ranging from industry interface, viva voce, placements, conferences and workshops. This is considered as a vital component in redesigning the curriculum.

2.5.3 Implementation of the Evaluative Reforms Adopted

The college strictly follows the University guidelines for evaluation reforms. The college follows the university question paper model for the internal



examination. There is a College-Level Monitoring Committee vigilant enough to see that the reforms initiated are effectively implemented. The department level monitoring committee ensures the proper conduct of internal exams.

The faculty in charge of CBCSS and College office links the University and the college in examination matters and the Institution keeps track of all the developments in the University examination process. Internal exams are announced early and the exam committee collects the question papers from the concerned teachers. Internal evaluation is done by continuous assessments on the components like Theory, Attendance, Assignments, Seminars/Viva and Class tests.

- The evaluation of all components is published on the department notice board.
- Hard copies of CE grade sheets are kept as records in departments and are made available for verification by the University.
- The responsibility of evaluating the internal assessment is vested in the teacher(s) who teach the course.
- Freedom is given to student to know how the teacher has arrived at the grade assigned. In order to address the grievance of students, a Grievance Redressal mechanism is envisaged.
- The academic calendar supplied by the University is followed.

2.5.4 Formative and Summative Assessment Methods

The formative and summative evaluation is based on University guidelines for each programme. These evaluations are diagnostic and remedial as they:

- i. Provide effective feedback to students.
- ii. Allow active involvement of students in their own learning.
- iii. Enable teachers to take account of the results of assessment.
- iv. Recognize the profound influence that assessment has on the motivation and self-esteem of students, as both are crucial to learning.

Scores of the assessment done periodically are shown to the students and parents so as to encourage continuous participatory improvement. These scores also form part of the results of the summative assessment.

Curricular, Co-curricular and Extra-curricular areas to measure student achievement:

1. Curricular area

Formative evaluation approaches (Internal Assessment)

- The Formative Assessment comprises of three parameters –the marks for attendance, internal assessment examination and marks assigned to the students for an assignment or a seminar (either seminar or assignment for under graduates and both seminars and assignments for post graduate students).
- Other means of testing such as quiz, oral tests, practical examinations, class tests etc. are also made use of.

Summative evaluation approaches (External Assessment)

- Summative assessment is done by the End Semester Assessment (ESA) in the form of three-hour examinations conducted by the University to assess the academic competence



2. Co-curricular front / Extra-curricular area

Formative evaluation approaches

- ❖ Debates, Quiz, Singing, Dancing and Elocution contests are organized
- ❖ Students selected are trained

Summative evaluation approaches

- ❖ Trained students appear in competitions at district, state and national levels

3. Extra-curricular area (Sports level)

Formative evaluation approaches

- ❖ Sports Trials are conducted.
- ❖ Students selected in Sports Trials are trained.

Summative evaluation approaches

- ❖ Students trained appear in competitions at district, state and national levels

A few examples which have positively impacted the system

- The pass percentage has increased over the years.
- ASCATA (All Saints' College All Teachers' Association) started in 2006, serves to maintain the link between the former teaching faculty of our fraternity and the present faculty members with an aim to perpetuate their knowledge and experience to the college in general and the teachers in particular
- Not only has the local community benefitted from the various acts of kindness carried out by the NSS unit; the students too have experienced the joy that comes from selfless service. In order to bring smiles on the faces of deprived people, students voluntarily work along with various NGOs like MAD, H2O.
- The College has the fine practice of raising funds and collecting other basic essential materials to help the victims of natural calamities and also to help those belonging to the BPL category. To mention a few, house construction for the deserving students, free meals to the poor students and other community outreach services are also implemented as part of the Social Responsibility initiative.

University Examination Committee (2010-2015) (Chief Superintendent)

Sl. No	Name	Designation	Department	Year wise Position
1	Dr. Molly Georgina	Asso. Prof	Hindi	Chief Superintendent (2009-10)
2	Dr. Molly Isaac	Asso. Prof	Physics	Chief Superintendent (2010-11)
3	Dr. Mabil P S	Asso. Prof	Commerce	Chief Superintendent (2011-12)
4	Ms. Bernaditte Vincent	Asso. Prof	Hindi	Chief Superintendent (2012-13)
5	Ms. Mary Alice G	Asso. Prof	Economics	Chief Superintendent (2013-14)
6	Ms. Mary Alice G	Asso. Prof	Economics	Chief Superintendent (2014-15)
7	Dr. Caroline Beena M.	Asso. Prof	Physics	Chief Superintendent (2015-16)

University Examination Committee (2010-2015) (Senior Assistant)

Sl. No	Name	Designation	Department	Year wise Position
1	Dr. Molly Georgina	Asso. Prof	Hindi	Senior Assistant (2009-10)
2	Dr. Molly Georgina	Asso. Prof		Senior Assistant (2010-11)
3	Smt. Bernaditte.V	Asso. Prof		Senior Assistant (2011-12)
4	Dr.M Mattilda Rose	Asso. Prof	Mathematics	Senior Assistant (2012-13)
5	Smt. Mary Alice	Asso. Prof	Economics	Senior Assistant (2013-14)
6	Smt.Mary Alice	Asso. Prof		Senior Assistant (2014-15)
7	Dr.Caroline B. Mendez	Asso. Prof	Physics	Senior Assistant (2015-16)



Internal Examination Committee (2010-2015)

Sl. No	Name	Designation	Department	Year	Position
1	Smt. Susan Edel Lopez	Asso. Prof	Economics	2010-11	Convenor
2	Smt. Vidya Nair	Asst. Prof	History and Politics	2010-11	Member
3	Dr. Dhanalakshmi.T.G	Asst. Prof	Zoology	2011-12	Convenor
4	Smt. Divya Grace Dilip	Asst. Prof	Zoology	2011-12	Member
5	Dr. Dhanalakshmi.T.G	Asst. Prof	Zoology	2012-13	Convenor
6	Dr. Sherly D.	Asst. Prof	Zoology	2012-13	Member
7	Dr. Sheela Mary Xavier	Asst. Prof	Botany	2013-14	Convenor
8	Dr. Nisha.K.K	Asst. Prof	Botany	2013-14	Member
9	Dr. Nisha.K.K	Asst. Prof	Botany	2014-15	Convenor
10	Dr. Sr. Shaina T.J.	Asst. Prof	Botany	2014-15	Member

2.5.5 Transparency in the Internal Assessment

Internal assessment at the undergraduate and post graduate levels are in line with the guidelines stipulated by the University. A comprehensive assessment of the student is carried out throughout the course period. Rigour and transparency is maintained through the following means:

- Communication skills are assessed through seminar presentations. The students at both under graduate and post graduate levels are expected to take seminars related to the topics in the syllabus. They are encouraged to use power point presentations. At the under graduate level, students are sometimes divided into groups and assigned a topic. The group members present their ideas by lecturing or by facilitating a group discussion in the class. The students are evaluated on the basis of a set of criteria, which include clarity in thought, organization of ideas, presentation of skills, and other non-verbal skills such as voice modulation, body language etc. At the post graduate level, students present seminars individually, on topics related to the course. Here, in addition to the criteria stated above, students are evaluated on the basis of the use of empirical information while presenting seminar topics. They are encouraged to critically analyze concepts and to build a research framework.
- Personal guidance is given in preparing assignments.
- Mentoring and tutoring forms a part of their learning.
- The students are addressed individually regarding their performance in internal examinations of the College.
- The answer scripts are shown to the students to identify their drawbacks and mistakes and suggestions are given to improve their performance.
- The internal assessment grades are exhibited on the notice board in the respective departments. Necessary corrections are done by the teacher-in-charge. Further changes, if any, are met by the grievance cell.
- Adequate weightage is given for behavioural aspects in the laboratory work under lab involvement and for the qualities like promptness in work, reporting, and written and oral communication skills.
- Each student should have a minimum of 75 % attendance, to appear for the examinations as stipulated by the University. The students are informed about this in the beginning of each semester. During the course of each semester, the attendance percentage is calculated for each student and the marks are



published in the departments on a monthly basis. This is to ensure that students know their status in advance so that they can compensate for the low attendance and poor performance. If there are violators, they are warned and made aware that, they will not be allowed to appear for the examinations if they do not qualify the 75 % criterion.

- Students with genuine reasons are allowed, on submission of necessary documents (a medical certificate) to appear for re-test or present seminar or submit assignment after the stipulated date.

Such transparency facilitates effective teacher-student interaction. This has improved the rapport between teachers and students to a great extent.

2.5.6. Graduate Attributes by the College/University and its Attainment

The institution has identified the following attributes as necessary and befitting:

➤ Rigorous Academic Learning

Students are equipped with the skills, motivation and confidence to engage in continuous learning to meet the personal, professional and vocational challenges of an ever changing world. All measures to avoid loss of class hours are strictly seen to.

➤ Self-Reliance

Every effort is made to equip the girl students with confidence, capability, assurance, independence and enterprise so as to enable them to fulfill their personal and career aspirations. Various clubs and associations act as driving force in the endeavour to create a community of self-reliant women in the campus. The Career Guidance & Placement Cell functioning in the college takes every effort for the effective placement of students.

➤ Engaged Citizenship

The goal of the Institution is to make the students accustomed to contemporary, social and cultural issues so that they make meaningful contributions to local, national and global communities. Various seminars and discussions organized by the college and different associations in the college ensure that students fulfill the role of a good and engaged citizen.

➤ Social Responsibility

Students are expected to be aware of generally accepted norms of ethical behaviour and are advised to act in a socially responsible manner both on and off Campus.

2.5.7 Mechanisms for Redressal of Grievances with reference to evaluation both at College and University level

The college generally encourages an Open Door Policy towards entertaining grievances. Besides this informal approach, there is a specific system to redress grievances. With regard to academics, the CA marks generated are shown to the students and they are free to discuss with the teacher concerned before endorsing by way of signing. If any issue arises, the grievance is handled in a three-tier system –first at the level of the teacher, then the HOD, and third, at the level of the Principal. In case of any grievances regarding the internal evaluation, the students are free to communicate it to the Grievance Cell. In the case of a grievance unresolved at the above levels and those regarding the ESA, the student are free to take the matter to the authorities at the University, in writing. At the University level, the students can apply for scrutiny and verify



whether all answers in their answer books have been evaluated and the calculations are correct. At the UG level they have the option for revaluation. If a student demands revaluation, the concerned paper will be assigned to a new evaluator and valued all over again. For PG, answer books are evaluated by two examiners independently. Students have the right to put forth their demands and grievances to the Controller of Examinations, who is liable to provide answers to their queries.

2.6 Student Performance and Learning Outcomes

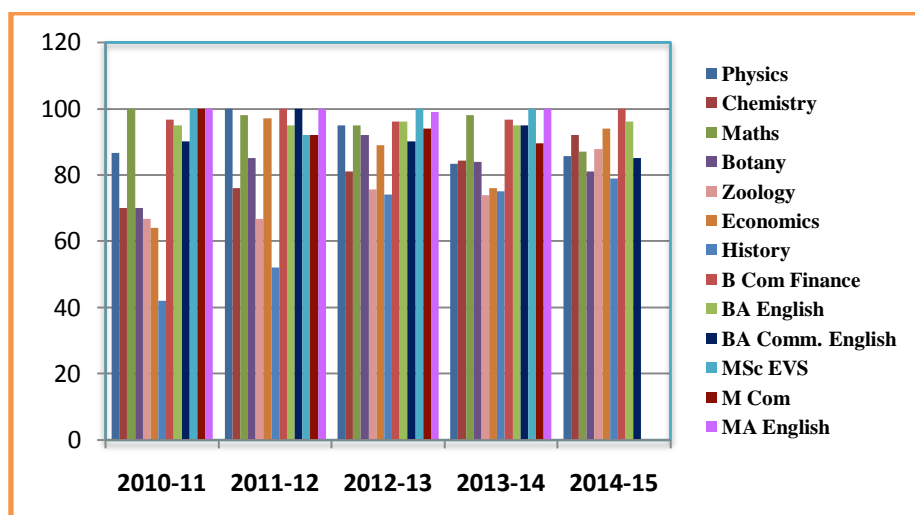
2.6.1 Strategies adopted by the College to State Learning Outcomes

College has the learning outcomes. The College envisages developing the institution as a centre of higher learning, to inculcate values of social commitment among youth and to equip them professionally so that they contribute effectively towards nation building. Based on these learning outcomes, the College has devised its vision and mission which is displayed in the important places in the campus. The curriculum and the syllabi of the academic programmes offered in the College are transacted in a way that these objectives are realized by the successful completion of the programmes. The departments have clearly stated learning outcomes for each programme that ultimately support the institutional goals and objectives, and integrate the vision of the College.

2.6.2 Analysis of the Students' Achievements

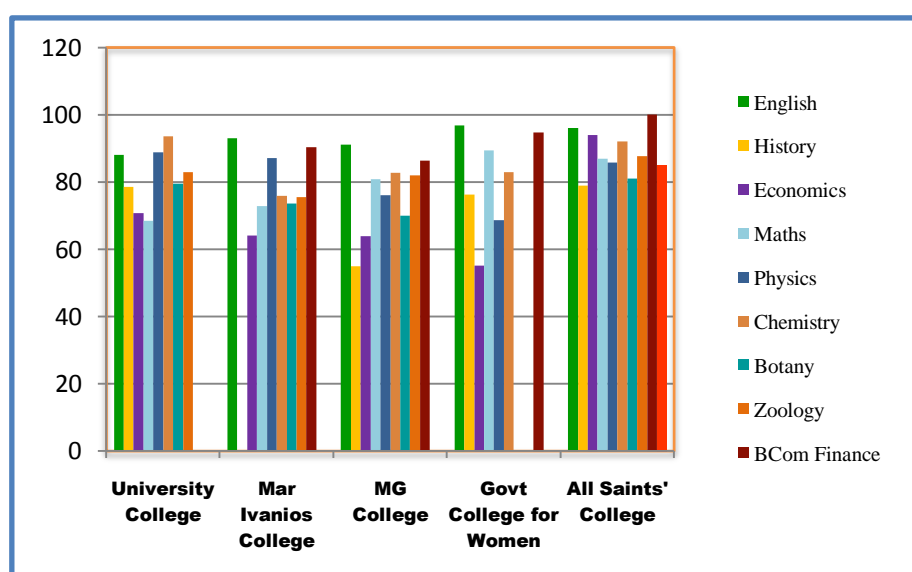
All Saints' College Pass Percentage

Programme	Pass Percentage				
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
UG					
Physics	86.6	100	95	83.3	85.7
Chemistry	70	76	81	84.3	92
Mathematics	100	98	95	98	86.95
Botany	91.7	85	92	84	81
Zoology	66.67	66.67	75.60	73.93	87.75
Economics	64	97	89	76	94
History	42	52	74	75	79
BCom Finance	96.67	100	96	96.72	100
English	95	95	96	95	96
Comm.English	86	100	90	95	85
PG					
MSc EVS	100	92	100	100	Result awaiting
MCom	100	92	94	89.47	
MA English	100	100	100	100	



Comparison of Pass Percentage with Other Colleges 2014-2015

Name of the course	University College	Mar Ivanios College	MG College Tvm	Govt. College for Women	All Saints' College
English	88.1	92.98	91.18	96.88	96
History	78.57	-	55	76.32	79
Economics	70.69	64.18	63.93	55.17	94
Mathematics	68.42	72.88	80.85	89.47	86.95
Physics	88.89	87.04	76.09	68.57	85.7
Chemistry	93.62	75.86	82.76	82.93	92
Botany	79.55	73.58	70	-	81
Zoology	82.93	75.51	82.05	-	87.75
B.Com	-	90.28	86.36	94.74	100
Comm.English	-	-	-	-	85



The internal and external results are systematically recorded in the concerned Departments. Periodically, the College Staff Council and the Department Councils convene meetings to analyze the university examination



results of the students of the College. The results are communicated to the parents during the class PTA meetings at the department level.

2.6.3 Strategies implemented to Facilitate Intended learning outcomes

- The achievement of the intended learning outcomes are made through focused teaching plans, assignments, seminars, and group discussions.
- The performance of the teachers is subjected to periodic monitoring by IQAC.
- Publication of Examination Calendar by the University at the commencement of each semester helps the students to plan and study the syllabi within the stipulated time. Centralized Semester Examinations make them attend the examinations with due seriousness.
- As part of teaching-learning strategy, the institution provides the students with internet access, INFLIBNET facility, thereby helping the students to gather up-to-date information for learning.
- The institution encourages field visits, industrial visits, study tours, nature camps and interaction with experts through seminars and workshops, by which the students develop virtues of collective action to promote research and extension activities and to and help them to widen their horizon of knowledge.
- The activities of NSS and various clubs make the students more socially responsible citizens.

2.6.4 Measures/Initiatives of the Institution to Enhance Social and Economic Relevance of the Courses Offered

The Career Guidance Cell and Placement Cell functioning in the College help the students to enhance the career opportunity and skills and to orient them regarding better career options available in their respective field. The National Service Scheme helps to inculcate in the students ethical and moral values and to develop social commitment among student community. UG and PG projects, study tours, industrial visits and nature camps induce research aptitude among students.

It is compulsory for all UG and PG students to prepare projects/ dissertation as an essential requirement to complete the course. The faculty members take keen interest in suggesting latest and challenging topics to the students and guide them to elicit literary, creative and innovative ideas.

The PG students are given additional impetus to build a research aptitude beneficial for pursuing research degrees in future. The PG Department of Environmental Science provides provisions to the students to apply for student projects with financial assistance from the concerned and authorized academics as well as research institutions that helps in developing a positive temper in scientific research. The college has a Career Guidance and Placement Cell.

2.6.5 Analysis of Data on Student Learning Outcomes and its Use in Planning and Overcoming Barriers of Learning

The student improvement is assessed through continuous evaluation process. The cumulative progress is assessed in the university examination results. On the basis of result analysis, the weak students are identified. These students are given special training on their academically weak areas.



2.6.6 Monitoring of the Achievements of Learning Outcomes

Tutorial and mentoring sessions enable the teachers to assess the learning outcome of the students. Internal examinations, seminars, presentations and University examination results are strategies used to monitor the achievement of learning outcomes. Course feedback is collected from the outgoing students and their suggestions are given due consideration.

The institution ensures the achievement of learning outcomes in terms of student progression to higher studies and employment. Details of student progression to higher studies and employment are provided in the section dealing with the criterion.

2.6.7 Use of Assessment/Evaluation as indicator for Evaluation, Planning and Achievement of Learning Objectives

Students' assignments, seminar presentations and tests are considered as best indicators of student performance. The timely submission of assignments, attendance, scores achieved in the test papers and seminars are also considered for the award of internal grades.

Other relevant information regarding Teaching-Learning and Evaluation

The future plans of the College with regard to Teaching –Learning criterion are -

- ❖ The teachers will apply for research projects and improve the research facilities in the department
- ❖ The teachers holding PhD degree will get guideship from recognized universities and will encourage the students to enroll for PhD
- ❖ Bringing more experts from various fields as resource persons for seminars (National and International)/workshops, and conferences)Adaptation of modern teaching methods
- ❖ Introduction of more inter-departmental short-term training programmes for students
- ❖ Upgradation of academic and administrative softwares.
- ❖ Encouragement of the faculty to attract more external funding for research
- ❖ Improvement in infrastructure
- ❖ To attain global standards in teaching – learning process
- ❖ Technology upgradation



CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Recognized Research Centre of the affiliating University

All Saints' College has one recognized research center of University of Kerala and that is the Department of English. The Post Graduate Department of Environmental Sciences has applied for approval as a Research Centre under University of Kerala with three faculty members eligible for guide ship.

3.1.2 College Research Committee – Composition and Recommendations.

➤ Composition of Research Committee

The Institution has a duly constituted Research Committee consisting of The Principal and six Faculties holding PhD degree. The engaged faculty have enough research experience with independent research projects.

The Committee members include

Sl. No	Name	Designation	Position
1	Dr. Sheela Mary Xavier	Principal	Convener
2	Dr. Nisha K K	Asst. Prof	Member
3	Dr. Ayona Jayadev	Asst. Prof	Member
4	Dr. J. K. Reshma	Asst. Prof	Member
5	Dr. Anjana P S	Asst. Prof	Member
6	Dr. Siny G Benjamin	Asst. Prof	Member
7	Dr. Siji V L	Asst. Prof	Member

➤ Recommendations made by the Research Committee

Meetings are held to **discuss and finalize the research activities** that have to be undertaken in the college. Some of the recommendations made by the Research Committee of the Institution are:

Recommendations of the Research Committee and its impact:

Recommendations	Impact
To apply for funding from various funding agencies	Keeps in track of the call for research proposals by various funding agencies such as UGC, DST, DBT, Ministry of Environment, Forest and Climate Change etc. and intimates the Departments of the college
Sensitize the need of incorporating research in academic activities	Four Major Research Projects, 3 Collaborative Research Activities, 16 Minor Research Projects, 3 Student Projects, and an Add-on Course under different faculties of departments. Two faculties have completed their Doctoral Research under FDP and four faculties are currently pursuing Research under the scheme. Thirteen teachers are pursuing part-time research.



	Six faculty members were awarded Ph. D. Degree in service during the assessment period.
To encourage Degree Students to undertake research activities	Degree students also participate in scientific programmes
To organize Inter-national, National and Regional Workshops, Trainings, Seminars and Symposia.	Departments of the college have organized 3 International, 36 National and 11 Regional Seminars/ Workshops
To encourage students and faculties to participate in such seminars organized outside the college	Students and members of the faculty participate in seminars organized by other colleges and Research Institutions related to their respective subjects
To encourage applying for different schemes promoting research organized and sponsored by different agencies	There are Four Major Research Projects, 3 Collaborative Research Activities, 16 Minor Research Projects, 3 Student Projects, and an Add-on Course
To encourage faculty members to give invited lectures in other institutions	Thirty Nine invited lectures were given by the faculty of the college in other institutions
To encourage members of the faculty and students to publish their research findings	A total of 127 papers were published in reputed national and international peer reviewed journals

3.1.3 Institutional Measures to facilitate Research Schemes/ Projects

❖ **Autonomy to the principal investigator**

The Principal Investigator is given complete autonomy from the preparation of proposal till the completion of the work. Complete planning, procurements of materials for research activity as well as execution of the research work is done by the Principal Investigator herself and no external influence is encouraged at any of the stages of the project.

❖ **Timely Availability or Release of Resources**

The Principal Investigators of various projects make available all the resources of the college like space, chemicals, lab wares, racks etc. The college also facilitates the easy availability of other resources required for the smooth progress and implementation of the research work. The financial assistance from the funding agency is made available to the Principal Investigator soon after it is released.

❖ **Adequate Infrastructure and Human Resources**

The infrastructure facility available in the college is made available to the Principal Investigator for the smooth running of the project. Additional support in the form of installation of new electric connections, demarcation available area for work etc. is done. For unskilled assistance the available human resources are also mobilized. The overhead charges are used for meeting the requirements of the project.

❖ **Time-off, Reduced Teaching load, Special leave to Teachers**

There is no such provision as per the norms of the University to which



the college is affiliated and the Government of Kerala. Time offs and reduction in work load is not normally given for faculty with projects. Instead, since research is considered as a passion by the Principal Investigators some additional time is dedicated for research upon need.

❖ **Support in terms of Technology and Information Needs**

The college takes steps to mobilize the resources in the form of technology, information as well as instruments/ equipment of all the Departments to be shared by the other Departments too. This helps the Principal Investigator to promote quality work to be published in International and National peer reviewed Journals. The required equipment, apparatus, ICT and library facilities are made available to the researcher.

❖ **Facilitate timely Auditing and Submission of Utilization Certificate to the Funding Authorities**

As the Principal Investigator (PI) has the first hand information about the requirements and other aspects of the project, the PI is held responsible for the timely auditing as well as submission of Utilization Certificate (UC) to the funding authorities. But the Statement of Expenditure and UC will be checked by the Principal of the college and forwarded through proper channel.

❖ **Any other**

The Principal Investigator is given freedom to select the laboratory equipment with required specification, yet the college renders help in the formalities involved in the selection and purchase of the same. No undue pressure is exerted on the Principal Investigator in deciding the matter pertaining to the proposed project. The intellect of the Principal Investigator is given due respect.

3.1.4 Institutional Efforts in developing Scientific Temper and Research Culture and Aptitude among students

The college tries to inculcate a new research culture among the students. As per curriculum the Under Graduate students are to submit group projects (each group consists of a minimum of one member to a maximum of five members) and the Post Graduate Students have to submit individual research projects. The college, through the faculty encourages students to do research in topics of current relevance and thus make the students to have a feel about what is going on in the scientific world around. Every single dissertation of Post Graduate students is sent for publication before the students get their P. G. Certificate. The students are encouraged to present their work before the scientific community at International and National Seminars organized both within as well as outside the college. Under Graduate projects in the Science field are also carefully planned, thus making students to engage in work with enough seriousness.

Students of the Science Departments are taken for visit to other institutes of repute as well as industries to experience a real life situation where they are seen practicing the learned theoretical principles. By visiting laboratories they are familiarized with scientific equipment.

Research Journals are made available to the students in the college library. The library also provides INFLIBNET facility. The faculty as well as students are given separate user-id and pass word for that. In addition to the college library, the Departments have their own libraries with books pertaining to their subject area. ICT enabled lectures make it possible to demonstrate and



animate some abstract ideas. It also helps to show virtual labs where by the students understand the results well before they are given hands on experiments. Most of the Departments conduct exhibitions. For example, the Department of Chemistry conducts exhibitions where they demonstrate some chemical reactions which are used in real life situations.

All the Departments of the college organize at least one International or National or Regional Seminar a year which makes students aware that research go hand in hand with the teaching-learning process and they cannot be separately viewed. All the Post Graduate students are encouraged to pursue Higher Education as M Phil or Ph. D. after qualifying the National Eligibility Test of UGC/CSIR.

Students are also encouraged to apply for scholarships such as Aspire, Inspire etc. Students are given topics for research which can be done in the College itself by making available to them resources from all the Departments with a view of improving the laboratories of the college. But some part of research if found necessary are also done in other Departments or Research Centers which in turn adds to the quality of the work.

The students of the college are sent to various other colleges and Universities for various competitions. The Departments organize invited talks by eminent researchers to inculcate in students an aptitude towards research.

3.1.5 Efforts to Develop Research Culture among Staff and Students

As it is mandatory for UG and PG students to submit a project as part of their curriculum, all the faculty members are engaged in supervising the students for the same. Apart from this there are a few faculties who are approved research guides in centers under the University of Kerala.

I. Faculty as Approved Guides in the the College Centre and other Centres:

Department	Name of the Faculty	Topic of Research	Status
English	Dr. Chandrika Balan (Rtd.)	Post Colonial Literature	Submitted
		Post Colonial Literature	Ongoing
	Dr. Usha Menon (Rtd.)	Cultural Studies	Ongoing
		Cultural Studies	Ongoing
	Dr. V Lalitha Ramamoorthy (Rtd.)	British Literature	Submitted
		British Literature	Submitted
		British Literature	Ongoing
		British Literature	Ongoing
	Dr. V Syamala (Rtd.)	Literary Theory	Submitted
		Literary Theory	Ongoing
		Literary Theory	Ongoing
		Literature	Submitted
		Literature	Ongoing
		Literature	Ongoing
Botany	Dr. Meera Bhaskar (Rtd.)	Physiology and Plant Sterility	Awarded
		Physiology and Plant Sterility	Awarded
Malayalam	Dr. Alice K E (Rtd.)	Malayala Kavithayile Nadodi Khadakangal	Ongoing



		Jeevacharithravum Kalppithamsavum: Jeevacharithra Novalukalil Thiranjedutha Novalukale Aadharamaakki Oru Padanam	Ongoing
		Kerala Samskara Samnuayam: Paalakavithakalil Oru Apagradhaathmaka Padanam	Ongoing
		Baalya-Vaardhakyangalude Aavishkaarangal Malayaala Cherukadhakalil	Ongoing
		Ithihaasapuraanangalude Punaraaghyaanam Baalasahithyathil	Ongoing
Physics	Dr. Deepa M	Crystal Growth	Awarded
		Thin Solid Films	Submitted
		Nanotechnology	Ongoing
		Crystal Growth	Ongoing
	Dr. P S Anjana	Glass-Ceramics for Electronic Applications	Ongoing
		Glass-Ceramics for SOFC Applications	Ongoing
		Glass-Ceramics for SOFC Applications	Ongoing
		Study of Physical properties of Glass-Ceramics	Ongoing
		Ceramics for Luminescence	Ongoing
Commerce	Dr. Pushpa S	Participative Management	Awarded

II. Faculty involved in Major, collaborative and Minor Projects

Sl. No	Name of Faculty	Title of the Project	Duration	Funding Agency and Grant Sanctioned
Major Research Project				
1	Dr. P S Anjana (PI) and Dr. Deepa M (Co-PI)	Synthesis, Characterization, and properties of glass ceramics for low temperature cofired ceramic applications	3 years	UGC Completed 9,68,000/-
2	Dr. J K Reshma	Isolation and Characterization of phenol degrading anaerobic bacteria with special reference to methanogenic and sulphate reducing bacteria	3 years	UGC Ongoing 7,73,300/-
3	Dr. Ayona Jayadev	Bioprospecting Marine Microorganisms through culture Dependant Methods	3 years	UGC Ongoing 12,87,300/-
4	Dr. Prasannamani	Sugathakumari Kavithakalile Krishnapremam	5 years	UGC Ongoing 6,24,300/-



Collaborative Research				
5	Dr. Smitha Asok V	Rejuvenation of Ponds to revive the water environment of the problematic blocks of Kerala: A Spatial Information System and Accomplishment Plan	3 years	Planning Board, Govt. of Kerala & (IIUCNRM) Ongoing
6		Landscape Ecology and Biosphere characterization of Western Ghats: A GIS based Decision support system for biodiversity management	3 Years	Planning Board, Govt. of Kerala & (IIUCNRM) Ongoing
7	Dr. J K Reshma	Rejuvenation of Ponds to revive the water environment of the problematic blocks of Kerala: A Spatial Information System and Accomplishment Plan	3 years	Planning Board, Govt. of Kerala & (IIUCNRM) Ongoing
8	Sunpriya Balachandran	A Scientific Modeling of the Optimum Sizing of LSGs in Kerala	1 year	World Bank 25,000/-
Minor Research Project				
9	Dr. Dhanalekshmy T G	“Analysis of Drinking Water and Health Survey of Three Selected Sites in Thiruvananthapuram District”	1 year	UGC Completed 60,000/-
10	Ms.Cinthyia Christopher	Assessment of intraspecific variability of <i>Bacopa monnieri</i> (L.) Pennel in Kerala	2 years	UGC Completed 1,40,000/-
11	Dr Nisha K K	Identification of bioactive allelochemicals from the genus <i>Crotalaria</i>	2 years	UGC Ongoing 1,60,000/-
12	Dr. M Mettilda Rose V	A Study on Applications of Category Theory	2 Years	UGC Completed 1,00,000/-
13	Dr. Saji John K	Schiff Bases as promising agents for metal ion removal	2 Years	UGC Ongoing 1,80,000/-
14	Dr. Siji V. L.	Crystal growth and characterization of NLO materials and its applications in various disciplines of biological inorganic chemistry	2 Years	UGC Ongoing 2,00,000/-
15	Ms.Vijaya Kumari K	Tradition Vs Modernity: The Challenges and Transition in The Life of Tribal Women In Kerala	1 year	UGC Ongoing 1,35,000/-
16	Ms.Sonya J Nair	From Time Out to Power play: The IPL Phenomenon	18 months	UGC Ongoing 1,50,000/-
17	Ms.Kukku Xavier	Dalit Interlocutions in Cyber Space	18 months	UGC Ongoing 1,40,000/-
18	Dr. Liji Varghese	Beauty Myths in Popular Culture	18 months	UGC Ongoing 1,30,000/-



19	Dr. Rajsree M S	Trauma and Recovery	18 months	UGC Ongoing 1,20,000/-
20	Dr. Reshmi R Prasad	Accessibility and Utilization Of credit facilities extended to scheduled caste in the state of Kerala	2 years	UGC Completed 60,000/-
21	Ms.Sangeetha S	Global Financial crisis and its impact on Non-resident Keralites	2 years	UGC Ongoing 50,000/-
22	Ms.Lissy Bennet	Impact of Employees welfare measures on the productivity of public sector undertakings in Trivandrum	2 years	UGC Ongoing 50,000/-
23	Ms.Divya S. R.	Physical effect of Aerobics Training on College going female students from Costal areas	18 months	UGC Ongoing 60,000/-
24	Ms. Rajani V	Ecology of Phenol degrading Bacteria from effluent treatrment plants of some selected industries	2 Years	UGC Ongoing 2,00,000/-
Student Project Scheme				
25	Dr. Ayona Jayadev	Physico-chemical and Microbiological Analysis of a Biofertilizer generated from a Municipal Solid Waste	6 months	KSCSTE (Student Project) 11,500/-
26	Dr. Smitha Asok V.	Land use/ land cover predictive mapping using Remote Sensing and GIS tools: A study from Neyyar wildlife sanctuary	6 months	KSCSTE (Student Project) 14,750/-
27		Automated Land use/ land cover mapping using Remote Sensing and GIS techniques: A study from Peppara wildlife sanctuary	6 months	KSCSTE (Student Project) 14,750/-
28	Dr. Ayona Jayadev	Differential capacity of nutrient mobilization of microbial flora from a chemical fertilizer applied and biofertilizer applied rhizospere	6 months	KSCSTE (Student Project) 10,000/-
29		Comparative analysis of activities of microbial flora of a leguminous and non-leguminous rhizospere	6 months	KSCSTE (Student Project) 10,000/-
Add-on Course				
30	Dr. D. Sherly	“Ornamental Fish Culture and Aquarium”	5 years	UGC Ongoing 10,00,000/-
Star College Scheme				
31	Dr. Siny G Benjamin	“Star College Scheme”	3 years	DBT 14.00,000/-



Other than the above mentioned Major, Collaborative, Minor and Student projects there are research collaborations in the form of outsourcing analytical services with many National Research Centers such as VSSC, JNTBGRI, NIIST, RGCB, SCTIMST, IU-CGGT, IIUCNRM, IIT (Madras), IIT (Mumbai, CUSAT, STIC, CESS, Biogenics (Hubli, RCC) etc.

III. Faculty Involved in Individual Research

Some of the Faculty members have been awarded PhD degree, submitted thesis and are pursuing full time (FDP) and part-time PhD.

Sl. No.	Name of the Faculty	Details
1	Dr.Siny G. Benjamin	Awarded Degree
2	Dr. Smitha Asok V	
3	Dr.Liji Varghese	
4	Dr.Mary Mettilda Rose V	
5	Dr.Indu R S	
6	Dr.Rajsree M S	
7	Dr.Sheela Mary Xavier	Awarded Degree (FDP)
8	Dr.Jayasree Sukumar	
9	Parvathy Menon	Submitted Thesis
10	Anitha G	Doing part-time Ph. D.
11	Jiji Vijayan	
12	Anitha G	
13	Vijayakumari	
14	Soniya J Nair	
15	Kukku Xavier	
16	Nishel Prem Elias	
17	Diana V Prakash	
18	Carvalho Faustina Cicila	
19	Sangeetha S	
20	Lissy Bennet	
21	Vidya T R	
22	Sherly Joseph	
23	Cynthia Christopher	Full-time Ph. D. (FDP)
24	Vidya Nair	
25	Lekha Rani M L	
26	Margret Leena	

The results of the research work carried out in various Departments of the college has been published in peer reviewed journals both International and National as well as presented in International and National seminars, symposia.

3.1.6 Details of Seminars/Workshops/Trainings Organized

Sl No.	Department	Title of Seminar/ Symposium/Training/ Workshop	Status and Duration	Target Group	Funding Agency
2010-11					
1	Botany	'Unexplored Treasures of Our Living World'	National 1 day	Students	KSBB
2	Zoology	"Ornamental Fish Culture And Aquarium Keeping"	Regional 1 day	Faculty and Students	KSCSTE



3		“The Unexplored treasures of our living world”	National Workshop 1 day	Faculty and Students	KSBB, Board Govt. of Kerala
2011-12					
4	Evnt. Sciences	“Biodiversity conservation- Conservation of nature’s endless and unexplored resources”	National 2 days	Faculty, Research Scholars and Students	UGC
5	Botany	“Conservation of nature’s endless and unexplored resources “	National 1 day	Faculty, Research Scholars and Students	UGC
6	Physics	Emerging Trends in Material Science	National 2 days	Research Scholars, Scientists and Academicians	UGC
7		“Emerging Trends in Material Science”	National 2 days	Staff and Students	UGC
8	Chemistry	Recent and Emerging Advances in Chemical Sciences”(REACS - 2015)	National 2 days	Staff and Students	UGC
9	Maths	Maple- A Mathematical Tool	National Workshop	Students	KSCSTE
10	English	Charting New Territories: Cartographies of Popular Media and Culture	National	Research Scholars	UGC
2012-13					
11	Evnt. Sciences	‘Clean energy options and nuclear safety’	Regional 1 day	Faculty, Research Scholars and Students	KSCSTE, DST
12	Evnt. Sciences	Intellectual Property Rights	National 1 day	Faculty, Research Scholars and Students	KSCSTE
13	Botany	Flower Arrangement	Regional 1 day	Students	CCR
14	Chemistry	‘Microscale Experiments in Chemistry’	National 1 day	Students and Faculty	Internal
15	Maths	Essentials of Latex Programming	National	Teachers and Research Scholars	CSIR
16	Maths	Latex Programming	National workshop	Students	KSCSTE
2013-14					
17	Botany	‘Green Conservation- Traditional Methods’	National 1 day	Students	CCR
18	Botany	Tissue Culture Techniques	Regional 2 days	Students	DBT Star Scheme
19	Zoology	“Advances in Aquaculture Technologies” (ISAAT- 2013)	International 2 Days	Faculty and students	KSCSTE



20	Physics	Recent Advances in Condensed Matter Physics	National 1 day	Research scholars, academicians and PG students	Management
21	Chemistry	“Advances in Chemistry Research and Opportunities”	National 1 day	Staff and Students	KSCSTE
22	Maths	Fibonacci numbers, Probability and Gambling	National	Students	Management
23		Numerical Methods in computer programming and their applications	National 2 days	Staff and students	Self
24	Commerce	Micro Finance – Opputunities and Challenges	International 2 days	Faculty and students	Central Bank of India
25	English	Many Lives of Edward Said	National	Research Scholars	Internal
26		International Seminar on Ending Gendered Violence	International	Research Scholars	Central Bank of India
27	Malayalam	Cherukadhayude Rasathanthram	Regional 1 day	Students	Yuva kala Sahithi
2014-15					
28	Evnt. Sciences	‘Contemporary Techniques in Environmental Research and Conservation’ (CTERC-2014)	National 2 days	Faculty, Research Scholars and Students	DoECC NABARD KSCSTE
29	Zoology	“Ornamental Fish Culture & Aquarium Management” (WOFCAM-2014)	National Workshop 5 days	Unemployed women in the society	Department of Fisheries, KSCADC, SAF, ADA
30	Chemistry	“Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014”	International 2 days	Faculty and Research Scholars	DST (SERB Division), New Delhi and KSCSTE.
31	English	Technologies of Self: Writing Lives, Writing History	National	Research Scholars	UGC
32	English	Trends and Opportunities in Media	National	Research Scholars	UGC
33	History	Empowerment of Women: Challenges and Prospects- A socio-economic Perspective	National 2 day	Academicians	UGC
34		National Integration Programme	Inter-Departmental 2 Days	Students	Self
35		Presentation on the contributions of the Indian Army in I World War & Photograph Exhibition	Regional I Day	Students	Pangode Military Camp
36		Civil Service Orientation Programmes	Regional 2 Days	Students	Eten Academy (Pearson Group)



37		Inter Departmental Quiz Competition on 'Indian Constitution & Indian History' in connection with Republic Day	Regional I Day	Students	PTA
38	Economics	Problems and Prospects, jointly organized by the Departments of History and Economics	National 1 day	Students, Academicians, Research Scholars	UGC
39	Physical Education	Prevention of lifestyle diseases through participation in physical activities	National 2 days	Students and Faculty	UGC
40	Chemistry	"Recent and Emerging Advances in Chemical Sciences"	National 2 days	Faculty, Research Scholars and students	UGC
41	Economics	"Digital Literacy Drive: Total e- Literacy Campaign in the College in connection with the Digital India Week Celebrations	National One Day	Students, Academicians, Research Scholars	P N Panicker Vigyan Vikas Kendra, Govt of Kerala
42		"Skilling the Girl Youth for Productive Employment"	Regional One day	Students, Academicians, Research Scholars	P N Panicker Vigyan Vikas Kendra, Govt of Kerala
43		Launching of "Women on Wings (WoW), the Innovation Centre for Skill Training and Upgradation	National One day	Students	P N Panicker Vigyan Vikas Kendra, Govt of Kerala
44		"Kaushal All Saints"	National One day	Students	P N Panicker Vigyan Vikas Kendra, Govt of Kerala
45		"Kaushal Shiksha Abhiyan",	National One day	Students , SHG Members of the Locality.	P N Panicker Vigyan Vikas Kendra, Govt of Kerala
46	Commerce	IFRS in the Indian Context	National One day	Faculty and students	UGC
47	Botany	'Conservation Strategies of Medicinal Plants'	Regional One day	UG Students	Self

3.1.7 Prioritized Research Expertise with the Institution

Though the college does not have many Research centres under the University of Kerala, there are faculty members in various Departments with expertise in diverse field of research. Their research interests form the basis of the projects given to the Under Graduate and Post Graduate students for the completion of their programme. These faculty members also give expert opinion to the Research Scholars approaching them.



Members of the faculty and their research area

No.	Faculty	Expertise
Environmental Sciences		
1	Dr. J K Reshma	Pollution Monitoring, Bioremediation, Pigment Analysis in Fruits and Vegetables
2	Dr. Ayona Jayadev	Environmental Biotechnology, Bioprospecting microbes, Bioremediation, Environmental Microbiology, Metagenomics and Phytochemistry
3	Dr. Smitha Asok V	Remote Sensing, Geographical Information System
4	Ms. Rajani V	Physico-chemical Analysis of Environment, Activities of Microbes
Zoology		
5	Dr. Dhanalekshmy T G	Biochemistry, Water Quality Analysis
6	Dr. Siny G Benjamin	Biotechnology, DNA Barcoding of animals, Entomology, Informatics & Bioinformatics
7	Dr. D Sherly	Ornamental Fish Culture and Aquarium Management, Aquascaping and setting up of Aquarium tanks, Fresh water Ornamental Fish Breeding, Design and setting up of Fresh water fish hatcheries, Biosecurity measures for fish and mushroom farmers
8	Ms. Divya Grace Dilip	Parasitology, Cell Biology, Immunology, Physiology, and Biochemistry.
Botany		
9	Dr. Sheela Mary Xavier	Biotechnology, Phytochemistry, Tissue culture and Cytology
10	Ms. Cinthya Christopher	Plant Taxonomy, Reproductive Biology, Phytochemistry
11	Dr. Nisha K K	Biotechnology, Plant Molecular Biology, Genetic Transformation
12	Dr. Sr. Shaina T J	Biosystematics, Cytology, Molecular Biology, Reproductive Biology
Physics		
13	Dr. Caroline Beena Mendez	Materials Science, Ferrites and Mossbauer Studies
14	Dr. Deepa M	Materials Science, Crystal Growth
15	Dr. P S Anjana	Materials Science, Dielectric ceramics, glass-ceramics, luminescence
16	Dr. Veena Suresh Babu	Space Physics, Atmospheric Physics
Chemistry		
17	Dr. Mariamma A T	Coordination Chemistry
18	Dr. Sunita Kurur	Biomolecular Chemistry
19	Dr. Sindhu Yesodharan	Coordination Chemistry
20	Dr. Siji V L	Coordination Chemistry and Computational Chemistry
21	Dr. Beenakumari K S	Electrochemistry
English		
22	Ms. Leena Joseph	Linguistics Indian English Literature
23	Ms. Morrin C	Indian English Literature History of English Literature
24	Dr. Liji Varghese	Culture Studies, Gender Studies, Media Studies, Diaspora
25	Dr. Kavitha N	Oriental Literature, Egyptian Literature Postcolonial Literature, Cultural Studies
26	Ms. Sonya J Nair	Culture Studies, Gender Studies
27	Ms. Kukku Xavier	Media Studies, Gender Studies
28	Dr. Pascoela A D'souza	Holocaust Literature, Communicative English English Language Teaching



29	Ms. Nishel Prem Elias	Gender Studies, Life Writing, Womens Studies Communicative English
30	Ms. Raj Sree M S	Jewish Diaspora
31	Ms. Simna S Stephen	Literary Theory, Womens Studies, Culture Studies
32	Ms. Sapna Srinivas	Communicative English, Theatre Studies
33	Ms. Diana V Prakash	Media Studies, Canadian Literature
34	Ms. Joveeta Justin	Diaspora
35	Ms. Celina James	English Language Teaching
Malayalam		
36	Ms. Anitha G	Comparative Literature
37	Dr. C Udayakala	Malayalam Language and Literature, Aesthetics of Poetry
French		
38	Ms. Reshma Maria Sampath	French Language and Literature
Commerce		
39	Dr. Sreelekha Nair	Finance, Statistics, Strategic Management
40	Dr. Jessy Jose	Finance, Management, Applied Economics
41	Dr. Reshmi R Prasad	Finance, Management, Research Methodology
42	Sr. Carvalho Faustina Cicila	Banking, Management
43	Ms. Lissy Bennet	Human Resource Management, Finance
44	Ms. Sangeetha S	Migration, Banking, International Business
History and Politics		
45	Ms. Lekha Rani M L	Economic History
46	Ms. Parvathy Menon	Gender Studies, Etymology, Socio-Economic History, Human Rights
47	Ms. Vijayakumari K	Tribal Studies, Higher Education
48	Ms. Vidya Nair	International Relations, Human Rights
Economics		
49	Ms. Mary Alice G	Rural Development, Statistics,
50	Ms. Jiji Vijayan	Financial Economics
Hindi		
51	Ms. Aniamma George	Hindi Language and Literature
French		
52	Ms. Reshma Sampath	French Language and Literature
Mathematics		
53	Ms. Shirly Joseph	Proximinal Spaces, Complex Analysis, algebra
54	Ms. Vidya T R	Distribution theory and Limits Theorem, Statistical Inference, Probability Theory
55	Ms. Sebina Mathew	Algebra, Analytical Geometry, Vector Analysis
56	Ms. Renjini Ravendran	Graph Theory, Real Analysis, Complex Analysis,
Physical Education		
57	Ms. Margrette Leena V	Sports Psychology
58	Ms. Divya S R	Sports Psychology

3.1.8 Efforts of the Institution in Attracting Researchers of Eminence.

As listed previously, the Departments of the college organize seminars, symposia, workshops both International and National and invite Lectures (inviting seasoned teachers and eminent personalities) where the students of the concerned department and other departments too get an opportunity to know, and to be in tune with the research developments of the world. Most of these are done with the aid of external funding. In the absence of such a support the Management or the IQAC provides the financial assistance for the programme.



List of eminent personalities who visited the institution

Sl.No	Name	Designation	Year
1	Ms. Lida Jacob IAS	IAS	2010
2	Mrs. Preetha Karnaver	Lecturer, Dept of Zoology, Christian College, Chenganoor	
3	Mr. Hamzah Abbas V	Chief Editor, Gulf Madhyamam	
4	Dr. Vijayaraghavan	Vice-Chairman & Director, KIMS, Tvm	
5	R Harikumar	Director, Energy Management Centre, Tvm	
6	Dr. K M Usha	Head, CCJD, CMSC, VSSC, Tvm	
7	Dr. K. Shobana Kumar	Director, Matsyafed, Trivandrum	
8	Dr. Sanjeeva Ghosh	Addnl. Director of Fisheries, Kerala	
9	Prof. Dr. P Rajendran	UGC Research Scientist –Uty of Kerala	
10	Dr. M Jayaprakash	Director, College Development Council, University of Kerala	
11	Dr. B S Corriv	Chief Conservator, Social Forestry, Tvm	
12	Dr. K R Sukumaran Nair	Chairman, Board of Studies in Commerce, University of Kerala	
13	Dr. V M Sunanda kumara	Director, Higher Sec. Education, Tvm	
14	Mr. Prakash Nair	Lead Coach Consultant, Interpersonal Life Skill, Tvm	
15	Dr. Alexander Jacob IPS	Additional DGP , Kerala	
16	Mr. N VinayaKumaran Nair	AC of Police, Hitech Crime Inquiry Cell, Trivandrum	
17	Dr. Saroja Nair	Director, University Health Centre, Tvm	
18	Prof. M P Vishwam	Psychologist, Uty of Kerala, Health Centre	
19	Mr. M Nazimudeen	Health Information Officer, Unty of Kerala	
20	Mr. Suresh Gopi	Cine Actor	
21	Dr. M Suresh Kumar	Consultant, (Voluntary Blood Donation), KSACS, Trivandrum	
22	Dr. R V Varuna	Chairman, KSBB Trivandrum	
23	Dr. Shaji C P	Principal, Scientific Officer, KSBB, Tvm	
24	Dr. Jaishree Mishra	Novelist, New Delhi	2011
25	Dr. A Jayakrishnan	Vice Chancellor, University of Kerala	
26	Dr. V R K Murthy	IIT Madras	
27	Dr. M T Sebastian	NIIST Trivandrum	
28	Dr. C Gouri	Head, Lithumion Electrodes Section, VSSC	
29	Dr. J Devika	Centre for Development Studies, Tvm	
30	Mr. K P Jayasankar	Centre for Media and Culture studies, Tata Institute of Social Sciences, Mumbai	
31	Ms. Anjali Montero	Centre for Media and Culture studies, Tata Institute of Social Sciences, Mumbai	
32	Dr. J Rajan	Prof., IMK, Director of Planning and Development, University of Kerala	
33	Dr. P G Latha	Director, TBGRI, Trivandrum	
34	Dr. Matthew Dan	Scientist, PGR Division, TBGRI, Tvm	
35	Mr. J S Indukumar	Executive Editor, Jai Hind TV, Tvm	
36	Mr. Gerome Kristin	Poet, France	
37	Mr. Alexandra Buchaler	Poet, France	
38	Ms. Sampurna Chattarji	Novelist, Translator	
39	Mr. Jacob Punnose	State Police Chief, Kerala	
40	Mr. Muhammed Rafi	Manager, Business Development, Kerala State IT Mission	



41	Ms. Ambili K	Assistant Mission Co-ordinator, Kerala State IT Mission	2012
42	Dr. A Ajayaghosh	NIIST, CSIR, Trivandrum	
43	Dr. Salom Gnana Thanga	Reader & Head, Dept. of Environmental Sciences, University of Kerala	
44	Mr. Vinodkumar D K	Advocate and Trade mark Attorney, Bangl.	
45	Mr. Shafikh S	Technical Officer, KSCSTE	
46	Mr. R S Praveen Raj	Scientist, NIIST, Tvm	
47	Prof. C S P Iyer	Emeritus Prof, IIIT, Techno park, Tvm.	
48	Dr. C V Jayamani	School of Management Studies, CUSAT	
49	Prof. V Ramdas	Secretary, Gandhi Smarak Nidhi, Tvm	
50	Dr. S Sudhakumari	Asst. Professor, Dept. of Chemistry, S.T. Hindu College, Nagercoil	
51	Mr. V S Sivakumar	Hon'ble Minister for Health.	
52	Ms. Kumari Jayalekshmi	Hon'ble Minister of Schedule Caste & Schedule tribe Welfare Youth affairs.Tvm	
53	Mr. R Leonard Martin	DGM, Zayan Infotech (P) Ltd.	
54	Mr. G V Hari	Chairman, JBV	
55	Dr. Shashi Tharoor	Member of Parliament	
56	Ms. C Gouridasan Nair	Dy. Editor, The Hindu	
57	Mr. John DSamuel	Global Advisor, UNDP, New York	
58	Dr. M Beena IAS	SMD, NRHM, Tvm	
59	Dr. A Raghu	Joint Director, KSACS(Blood safety Wing)	2013
60	Dr. Shyleeja A	Project Director, KSACS, Tvm	
61	Dr. Sajith B	Lecturer, Dept. of Transfusion Medicines, Govt. Medical College	
62	Mr. Anoop G	Franklin Institute of Airhostess Training.	
63	Mr. Prakash S	Networking Systems, Tvm	
64	Mr. M Madhavan Nair	Head of NIIT, Tvm	
65	Mr. K Babu	Minister for Fisheries, Ports & Excise, Govt. of Kerala	
66	Mr. S Ajayan	MD, Matsyafed, Tvm	
67	Ms. Shalini Pal, Ms. Priyadarshini J Shetty	Indian Institute for Human Settlement, Bangalore	
68	Mr. P K Raju	Finance Officer, University of Kerala	
69	Dr. B R Shekar	Institute of Physics, Bhubaneshwar	
70	Ms. R Parvathydevi	Journalist, Tvm	
71	Ms. E S Bijimol	MLA	
72	Shri. Oommen Chandy	Hon'ble Chief Minister of Kerala	
73	Dr. T P Sreenivasan	Former Ambassador & VC of KSHER, Tvm	
74	Rt. Rev. Dr. Silvester P	Bishop of Punnalur, Kollam	
75	Mr. Abdu Raab	Hon'ble Minister for Education	
76	Ms. K C Rosakutty	Chairperson, Kerala Women's Commission	
77	Mr. Steve Onyang	Research Scholar, University of Kenya	
78	Dr. Kamala K	Specialist in Chest disease	
79	Dr. L Geena Dallas	Consultant, Respiratory Medicine	
80	Mr. K Sudhakar	Dept. of AeroSpace, IIT, Bombay	
81	Mr. G Arul Jerald	Director KSSTM, Tvm	
82	Ms. Teresa & Team	Stone Band, US	
83	Dr. Reji Jose	Prof. Commty. Medicine, Medical College	
84	Mr. Prince & Team	India Campus Crusaders for Christ, tvm	
85	Mr. Raghu P L	General Manager, TIME	

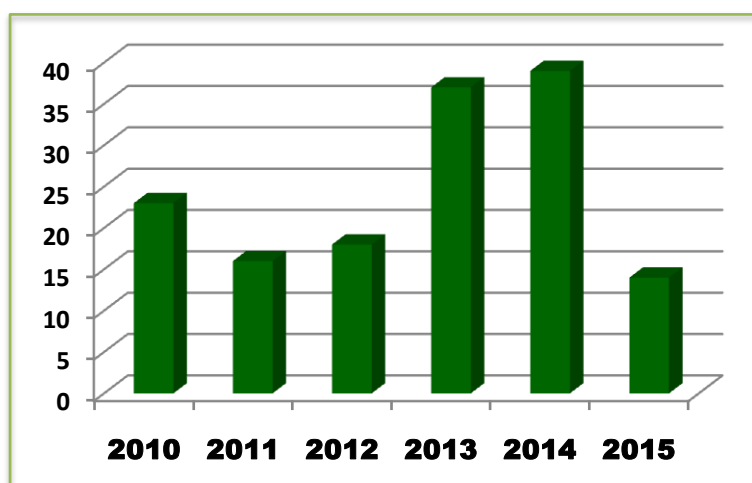


86	Dr. Meena T Pillai	Director, School of English and Foreign Languages, University of Kerala	2014
87	Fr. Joye James, SJ	Director, Xavier Board of Studies	
88	Dr. Bismi Gopalakrishnan	Asst. Prof., Dept. of Law, Uty. Of Kerala	
89	Ms. Swapna Norzary	Prof. Dept. of English, Uty of Pondichery	
90	Dr. Amitha Ramesh K	Assoc. Prof. ZGC, Calicut	
91	Mr. Unnimukundan	Cine Artist	
92	Ms. Ambika G Mallya	Asst. Prof. Srinivas IT, Mangalore.	
93	Dr. Vinod T.R.	Prog. Director, CED, Tvm	
94	Mr. D. Samuel	Sub. Inspector of Police, Tvm	
95	Ms. Akhila Anand	Play back singer	
96	Mr. V J Shan	Prog. Director and Brand Model, (Nominated Limca Book of Records & World Record)	
97	Mr. Rithu Pillai	Lead HR, IBM, GPS	
98	Prof. N R Madhavan Menon	IBA, Chair Professor, National Law School, Bangalore	
99	Ms. Aruna Sundararajan	Additional Chief Secretary, MD, KSIDC	
100	Prof. Surya Kumari A	FMR, Prof. and Head, Dept. of Historical Studies & Tourism Management, Mother Teresa's Women's University, Kodaikanal	
101	Dr. Debaris Gupta	Prof. Dept. of transfusion Medicines, SCTIMST, Tvm	
102	Dr. M Edwin Gnanadha	Assoc. prof. of Commerce, Scott Christian College, Nagercoil.	
103	Ms. Usha Vijayan Girish	Manager, United India Insurance Company Ltd.	
104	Prof. V N Rajasekaran Pillai	Executive Vice President, KSCSTE, Tvm	
105	Dr. G J Sanjayan	Scientist, Division of Organic Chemistry, NCL, Pune	
106	Prof. M R Prathapa Chandra Kurup	Prof. Dept. of Applied Chemistry, CUSAT	2014
107	Prof. Jose Rajan	University of Malaysia, Pahazg	
108	Dr. M. Sithambaresan	Dept. of Chemistry, Faculty of Science, Eastern University, Srilanka	
109	Dr. M R Sudarsanakumar	Assoc. Prof., Dept. of Chemistry, Mahatma Gandhi College, Tvm	
110	Dr. G M Anilkumar	Senior Scientist, Research and Development Centre, NONTAKE Company Ltd. Japan	
111	Dr. J Mary Gladis	Dept. of Chemistry, Indian Institute of Space Science and Technology	
112	Dr. Jeya Ephraim Grand	School of Engineering and Informatics, University of Bradford, UK.	
113	Dr. K Anoop Krishnan	Scientist, Chemical Science Division, Centre for Earth Science Studies, Govt. of India, Tvm	
114	Mr. R C Sridhar	Chartered Accountant, Tvm	
115	Dr. Rakhi B	Dentist, Vasan Dental Care	
116	Ms. Jayasindhu I	CA, Sridhar & Co.,	
117	Mr. Rakesh G Vadhy	Botanical Survey of India, Coimbatore	
118	Dr. Shirly Raichal Anil	Senior Scientist, Central Tuber Crops Research Institute, Tvm	
119	Mr. Renjan Mathew V	State Director, WWF, India, Kerala State Officer	



120	Mr. Oomen V Oomen	Chairman, KSBB, Tvm	
121	Dr. G Immanuel	M.S. University, Tamil Nadu	
122	Mr. Vinod S	Assistant Conservator of Kerala Forest Dept.	
123	Mr. Rishi Raj Singh	Transport Commissioner	
124	Sr. Jessy Kurien	Advocate, Supreme Court, and Former Member, National Commission for Minority Educational Institutions, Govt. of India	
125	Dr. S V Sudheer	Director, UGC Academic Staff College, University of Kerala, Kariavattom	
126	Mr. Joseph & Team	Overseas English Training Centre, Ernakulam	
127	Dr. K P Surendran	Scientist. CSIR NIIST	
128	Mr. Manoj Shankar V	Consultant Psychologist, Mitra Hospital, Tvm	
129	Dr. P J Mathew	Scientist, JNTBGRI, Tvm	
130	Mr. Jose Sebastian	Senior Faculty, Gulati Institute of Finance and Taxation	
131	Justice P Sathasivam	Hon'ble Governor of Kerala	
132	Mr. G Vijaya Raghavan	Member, SPB, Govt. of Kerala	
133	Ms. Namitha Promod	Cine Artist	
134	Dr. T P D Rajais	Senior Scientist, CSIR NIIST	2015
135	Dr. Sreeja Kumari S S	Scientist, CSIR, CECRI, Karaikudi	
136	Dr. Subhadeep Banerjee	Scientist, Bits Pilavi k k, Birla Goa Campus	
137	Mr. M K Isaac Kutty	Dy. Accountant General, Tvm	
138	Mr. R Suresh Mohan	Chartered Accountant. Tvm	
139	Dr. Rajesh Reghunath	Co-ordinator, International & Inter-University, Centre for Natural resource Management, Uty of Kerala, Kariavattom	
140	Dr. Jobin Thomas	Research Associate, International & Inter-University, Uty of Kerala, Kariavattom	
141	Ms. Anjali Jaindhana	Zumba Fitness Instructor, Tvm	
142	Dr. K B Ramesh Kumar	Phytochemistry and Phytopharmacology Division JNTBGR, Palode	
143	Dr. M R Sudarsanakumar	Mahatma Gandhi College, Tvm	
144	Dr. Sreejalekshmi K G,	Department of Chemistry, IISST, Tvm	
145	Dr. V Sadasivan	University College, Thiruvananthapuram	
146	Dr. T. S Anirudhan	Dean, Faculty of Science, Uty of Kerala	
147	Prof. Dr. C. Karunakaran	CSIR Emeritus Scientist, Annamalai University, Annamalainagar, Tamil Nadu	

Eminent Personalities who visited the Institution (2010-2015)





3.1.9 Sabbatical Leave Availed by Faculty for Research Activities

During the last four years six faculty members utilized the FDP facility for the completion of their doctoral theses. They were granted leave as stipulated by the State and UGC norms. Apart from those granted leave, there are 15 faculty members who are engaged in Minor Research Projects, 4 faculties engaged in Major Research Projects and 3 in Collaborative Research. Thirteen faculties are pursuing part-time research.

3.1.10 Transfer of Research findings to Students and Community

The college has the Department of English as a Research Centre under the University. The PG Department has applied the status of Research Centre.

Despite these, all the departments of the college publish the results of the small and big research activities undertaken in the Department as part of the curriculum of both the PG and UG programmes as well as the data generated from the research projects in the college in peer reviewed Journals of National and International reputation.

The faculty members of the Department of Botany have completed a Biodiversity Documentation of the flora of Punalur Bishop House.

Some of the faculties of the college also are invited to other institutions and colleges, Institute of Management in Government (IMG) etc. to share the experience and knowledge generated in the college.

3.2 Resource Mobilization for Research

3.2.1. Total Budget Earmarked for Research and Actual Utilization

There is no provision of earmarking any percentage of total budgets for research. The college provides support for the purchase of chemicals and routine lab wares which are used for practical and student projects. Other than these, most of the major equipment for research and special chemicals is purchased in the college from the fund received by the Departments under various project schemes sanctioned by UGC, DBT, and KSCSTE etc.

Source of Funding	2010-11(₹)	2011-12(₹)	2012-13(₹)	2013-14(₹)	2014-15(₹)
UGC -Major Project	-	9,68,000/-	6,24,300/-	20,60,600/-	
UGC -Minor Project	1,00,000/-	2,00,000/-	3,30,000/-	7,50,000/-	3,70,000/-
Collaborative Research	-	-	-	-	25,000/-
DBT Projects (Star College Scheme)	-	-	-	14,00,000/-	-
Add-on Course	10,00,000/-	-	-	-	-
KSCSTE-Student Projects	-	-	11,500/-	29,500/-	20,000-
KSCSTE-Mahatmaji Jaivodyanam	-	10,000/-	-	-	-

3.2.2 Provision to provide seed money to the faculty research

The College and IQAC have extended financial assistance.



3.2.3 Financial Provisions to Support Student Research Projects

The student research projects of Undergraduate and Postgraduate programme is supported by the college by providing financial support for routine chemicals and normal lab wares. Other support for the students for their research includes:- **Internet facility; Central computing facility; Audio-Visual Resources available in library; Online Journals; Availability of chemicals and lab wares; Good working space and conditions**

3.2.4 Inter-Disciplinary Research

The instruments available in all the science departments are made available to the students of all the other science departments.

- The Institution is planning to set up a Central Instrumentation Centre where all the advanced instruments can be pooled for use of students and faculty engaged in research activities.
- The Departments of Zoology and Botany together have a funding under the STAR College scheme of DBT.
- Various Departments organize International and National seminars at the Interdisciplinary level.

3.2.5 Optimal use of Equipment and Research Facilities of the Institution

The institution provides all necessary environment for both the faculty and the students in carrying out research. One class room each with LCD projector and computer is made available to all the departments in addition to the one in each department. Though there is no facility of a Central Instrumentation Centre the students and the faculty are free to access the modern equipment available in the college in other departments. The college library has enough books and e-learning facilities which support the research activities of the staff and students.

3.2.6 Special Grants from Beneficiary Agencies for Research Facility

1. National Bank for Agriculture and Rural Development (NABARD)
2. Central Bank of India, All Saints' College Branch
3. World Wide Fund for Nature (WWF)
4. University Grants Commission (UGC)
5. Kerala State Council for Science Technology and Environment (KSCSTE)

3.2.7 Details of Ongoing and Completed Projects and Grants Received

Sl. No.	Duration		Title of the Project	Funding Agency	Total Grant	
	From	To			Sanctioned (₹)	Received (₹)
Minor projects						
1	2011	2013	Assessment of intraspecific variability of <i>Bacopa monnieri</i> (L.) Pennel in Kerala	UGC	1,40,000/-	1,15,000/-
2	2013	2015	Identification of bioactive allelochemicals from the genus <i>Crotalaria</i>	UGC	1,60,000/-	1,20,000/-
3	2014	2016	Ecology of Phenol Degrading Bacteria in Waste Water Treatment Plants of Selected Industries	UGC	2,00,000/-	Nil



4	2011	2012	“Analysis of Drinking Water and Health Survey of Three Selected Sites in Thiruvananthapuram District”	UGC	60,000/-	37,500/-
5	2012	2014	Schiff Bases as promising agents for metal ion removal	UGC	1,80,000	1,45,000/-
6	2013	2015	Crystal growth and characterization of NLO materials and its applications in various disciplines of biological inorganic chemistry	UGC	2,00,000/-	1,91,000/-
7	2012	2014	From Time Out to Power play: The IPL Phenomenon	UGC	1,50,000	1,17,500/-
8	2013	2015	Dalit Interlocutions in Cyber Space	UGC	1,40,000	-
9	2013	2015	Beauty Myths in Popular Culture	UGC	1,30,000	-
10	2013	2015	Trauma and Recovery	UGC	1,20,000	-
11	2010	2012	A Study on Applications of Category Theory	UGC	1,00,000/-	75,000/-
12	2014	2015	Accessibility and Utilization Of credit facilities extended to scheduled caste in the state of Kerala	UGC	60,000/-	30,000/-
13	2014	2015	Impact of Employees Welfare Measures on the Productivity of Public Sector Undertakings in Trivandrum	UGC	50,000/-	30,000/-
14	2014	2016	Physical effect of Aerobics Training on College going female students from Coastal areas	UGC	60,000/-	30,000/-
15	2014	2015	A Scientific Modeling of the Optimum Sizing of LSGs in Kerala	World Bank	25,000/-	25,000/-
16	2014	2015	Global Financial crisis and its impact on Non-resident Keralites	UGC	50,000/-	30,000/-
17	2013	2014	Tradition Vs Modernity: The Challenges and Transition in The Life of Tribal Women In Kerala	UGC	1,35,000/-	95,000/-
Major Projects						
18	2011	2014	Synthesis, Characterization, and properties of glass ceramics for low temperature cofired ceramic applications	UGC	9,68,000/-	7,72,000/-
19	2012	2015	Sugathakumari-kkavithakalile krishnapremam	UGC	6,24,300/-	3,92,800/-
20	2013	2016	Isolation and Characterization of Phenol Degrading Anaerobic Microorganisms with special reference to Methanogenic and sulphur reducing bacteria	UGC	7,73,300/-	4,73,300/-
21	2013	2016	Bioprospecting Marine Microorganisms through Culture Dependent Methods	UGC	12,87,300/-	8,87,800/-
Add-on Course						
22	2010	2015	Ornamental Fish Culture	UGC	10,00,000/-	10,00,000/-
Students Research Projects						
23	2012	2013	Physico-chemical and Microbiological Analysis of a Biofertilizer generated from a Municipal Solid Waste	KSCSTE	11,500/-	11,500/-



24	2013	2014	Land use/ land cover predictive mapping using Remote Sensing and GIS tools: A study from Neyyar wildlife sanctuary	KSCSTE	14,750/-	14,750/-
25	2013	2014	Automated Land use/ land cover mapping using Remote Sensing and GIS techniques: A study from Peppara wildlife sanctuary	KSCSTE	14,750/-	14,750/-
26	2014	2015	Differential Capacity of Nutrient Mobilization of microbial flora from a chemical fertilizer applied and biofertilizer applied rhizosphere	KSCSTE	10,000/-	-
27	2014	2015	Comparative analysis of activities of microbial flora of a leguminous and non-leguminous rhizosphere	KSCSTE	10,000/-	-
Star College Scheme						
28	2012	2015		DBT	14,00,000/-	14,00,000/-

3.3 Research Facilities

3.3.1 Research facilities made available within the campus

- INFLIBNET accessible to the faculty and students.
- Internet facilities through Computer Laboratories and use of data-base server are accessible to the students
- Laboratories, Chemicals, and Equipment, Expert Guidance, Computers and Analytical Software, Internet.
- Well-equipped college library with Research Journals and periodicals
- Department Libraries
- Audio Visual aids for seminars / group discussions
- Language Lab for the English and Language departments
- Material Science Research Lab (Physics)
- Tissue Culture Lab (Botany)
- Microbiology Lab (Environmental Sciences)
- Research Committee and Research Forum that organize research orientation programmes and lectures of eminent scholars

3.3.2 Institutional Strategies for Planning, Upgrading and Creating Infrastructural Facilities in Research

- The college provides conducive atmosphere for research.
- Procurement of advanced and modern research equipments.
- The college has set up Research Committee to chalk out strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers.
- The Research Committee keeps track of the schemes of UGC & other bodies like CSIR, DST etc.
- The teachers are updated regarding the fellowships and facilitated in applying for the same.
- The grants received from the UGC and the State Government is used to purchase books and journals, equipment, chemicals and other relevant materials for research activities.
- The science laboratories are well equipped to facilitate research.
- The students can use other department laboratories if required.
- Provision of Upgraded desktop computers in all departments.
- Uninterrupted power supply is available to some of the departments.



3.3.3 Special grants from Industry and other Beneficiary Agency

The institution is the recipient of financial grant from various beneficiaries that has resulted in the purchase and upkeep of various instruments and books.

1. DBT Star College
2. UGC (There is provision for procurement of equipment in Major Research Project)

Instruments Procured from Special Grants

Sl. No	Instrument	Funding Agency
1	Deep Freezer (-20 ⁰ C) – ROTEK	DBT
2	Deep Freezer (-20 ⁰ C)	UGC
3	Revolutionary Table Top High Speed Cooling Centrifuge with rotor head R242 – REMI	DBT
4	Eutech Cyberscan pH meter	DBT
5	Digital pH meter – Systronics	UGC
6	Hot Air Oven	DBT
7	Water bath with thermostatic control	DBT
8	Refrigerator	DBT
9	Electronic Balance – Shimadzu – Model ELB -300	DBT
10	Electronic Balance – Shimadzu – Model AX-200	UGC
11	Trinocular Microscope – Model CH 20i Tr	UGC
12	Digital Camera with adaptor	UGC
13	Stereo Zoom Trinocular Microscope – LABOMED- Model CZM6 with Sony Digital Camera	UGC
14	Single Beam UV-VIS Spectrophotometer – LABTRONICS- Model LT-290	UGC
15	Autoclave	UGC
16	Laminar Air Flow Chamber	UGC
17	Double Distillation Unit – BOROSIL	UGC
18	Double Distillation Unit – BOROSIL	UGC
19	Heating Mantle	UGC
20	Hot Plate and Magnetic Stirrer	UGC
21	Hot Plate	UGC
22	Magnetic Stirrer	UGC
23	Centrifuge – REMI	UGC
24	Electrophoretic Unit	UGC
25	Shaker Incubator – Rivera	UGC
26	Membrane Filtration Unit – Tarson	UGC
27	Vacuum Pump	UGC
28	Micropipette – Thermofinn	UGC
29	High temperature furnace	UGC
30	Muffle furnace	UGC
31	Electronic balance up to 4 digit accuracy	UGC
32	Hot air oven	UGC
33	Double distilled water unit	UGC
34	Colorimeter	UGC
35	Deionizer	UGC
36	Melting Point Apparatus	UGC



Books procured from special grants

Department	No. of Books procured
Environmental Sciences	5
English	350
Botany	3
Chemistry	25

3.3.4 Facilities to Students and Research Scholars outside the Campus

❖ External Library Facility

- University Library, Palayam
- Central Library of Kerala University, Kariavattom Campus
- Libraries of Departments of Kariavattom, University of Kerala
- Public Library
- Institute of English Library

❖ Institutional Facility

- VSSC (Vikram Sarabhai Space Centre)
- NIIST(National Institute of Inter disciplinary Science and Technology)
- CESS (Centre for Earth Science Studies)
- CTCRI (Central Tuber Crops Research Institute)
- JNTBGRI (Jawaharlal Nehru Tropical Botanic Garden and Research Institute)
- STIC – (Sophisticated Test and Instrumentation Centre)-(CUSAT)
- IIITM-K (Indian Institute of Information Technology and Management, Kerala)
- College of Agriculture, Vellayani
- Centre of Geo-informatics, University of Kerala
- State Inter-University Centre for Genomics and Gene Technology, University of Kerala

3.3.5 Library/ Information Facilities Specifically for the Researchers

- Computerized library has modern catalogue and e-journal facilities. The library consists of 50000 books.
- Books and journals facilitating research are purchased in consultation with the Departments.
- Centralized Library with separate sections for different areas of study, journals, magazines, newspapers, book banks and reference.
- INFLIBNET.
- Institutional repository of M Sc. Dissertations of faculty members and research publications of both faculty and students.

3.3.6 Collaborative Research Facility in the College

- The faculty members of some of the departments guide the MSc Dissertation of students of other colleges (eg. Dr. Anjana P S of the Department of Physics)
- Two faculties of the Department of Environmental Sciences of the college have Collaborative Research with IIUCNRM
- One Faculty of the Department of Commerce have a Collaboration with the World Bank



3.4 Research Publications and Awards

3.4.1 Major Research Achievements of the Staff and Students:

❖ Patents Filed

The Department of Physics of the institution has applied for an International Patent for a product. International Patents – M T Sebastian, S George and P S Anjana, Low loss Low Temperature Cofired Ceramics for millimeter wave applications (Ref. No. 0104NF2008).

There are four GenBank submissions and one barcode index number registry from the faculty members in the college:

1. GenBank Accession number – FJ743690 (corazonin)
2. GenBank Accession number: KF360056.1
3. GenBank Accession number: DQ822452.1
4. GenBank Accession number: DQ822453.1
5. Barcode Index Number Registry for BOLD: ACQ7111

3.4.2 Publication of Research Journals

Some of the Departments have procured ISBN for the Books Published, for the Proceedings of Seminars and also for editing Books.

No.	Title of the Books/Proceedings	ISBN/ISNN
Chemistry		
1	International Conference on Emerging Frontiers and Challenges in Chemistry (ICEFCC-2014)	ISBN: 978-81-920782-1-2
2	Proceedings of National Seminar on “Recent and Emerging Advances in Chemical Science” (REACS -2015)	ISBN: 978-81-930193-0-6
Zoology		
3	‘Journal of Basic and Applied Biology’	ISSN: 0973-8207
4	Informatics	ISBN: 978-93-5087-885-9
5	Informatics and Bioinformatics	ISBN: 978-93-5087-889-7
6	Informatics (Malayalam)	ISBN: 978-93-5212-369-8
Environmental Sciences		
7	Proceedings of the National Seminar on ‘Contemporary Techniques in Environmental Research and Conservation (CTERC-2014)	ISBN: 978-93-83083-81-7
Physical Education		
8	Proceedings of National Seminar on ‘Prevention of Life Style Diseases through Participation in Physical Activities’	ISBN: 978-81-910811-3-8
History & Politics		
9	Empowerment of Women: Challenges and Prospects- A socio- economic Perspective	ISBN: 978-81-929756-0-3
Botany		
10	<i>Ortus Planta</i>	No ISBN
11	Proceedings of National Conference on Biodiversity	No ISBN
Hindi		
12	Boondem	No ISBN
Malayalam		
13	Kadhacheppu	No ISBN



14	Golden Stories	No ISBN
15	Sree Narayana Guru Bhagavatham	No ISBN
16	Sasthram Rasakaramayi	No ISBN
17	Bhashakoudaleeyam Samakaalika Prasakthi	No ISBN
English		
18	Howzzat Butterfingers	ISBN: 978-0-143-33105-6
19	Goal Butterfingers	ISBN: 978-0-143-33308-4
20	Clean Bowled Butterfingers	ISBN: 978-0-143-33336-4

3.4.3 Details of Publications by the Faculty and Students

Publications Per Faculty

Sl. No	Details	National/ International
Department of Zoology		
Dr. Dhanalekshmy T G		
1	“Study of the incidence of Filariasis in an Urban area” 2009. Millenium Zoology, ISSN-0973-1946, 10 (1), 79.	National
2	“A Comparative study of the status of two surface water bodies based on Physico-chemical and Bacteriological parameters”. 2013. Journal of Basic and Applied Biology. ISSN-0973-8207, 7 (3) : 77-79	International
3	“Water Quality Analysis of Two Surface Water resources in Thiruvananthapuram, India” 2014. Research Journal of Chemistry and Environment, Vol. 18 (7) : 8-15	International
4	“Study Of Cattle Breeds, Diseases And Parasites” 2014. Millenium Zoology Journal 15 (1)	National
5	“Histopathological changes in kidney and urinary bladder of experimental rats on different diets showing the risk of crystallization” 2014. International Journal of Applied Biology and Pharmaceutical Technology 5 (4)	International
Dr. D Sherly		
6	Growth response of fringed lipped carp, Labeo fimbriatus (day) to a soya product, Nutripro aqua. 2011. Indian J Sci.Techol. ISRPF Issue, 4:310-111	National
7	Red hogweed fights WSSV, promotes growth in tiger shrimp. 2011. Global Aquaculture Advocate: 94-95	International
8	Dietary supplementation of a herbal product, Livol on the growth performance of fringed lipped carp, Labeo fimbriatus. 2013. Journal of Basic and Applied Biology ISSN-0973-8207,7 (3) 134-136	International
9	Effect of hormones and growth promoters on the growth responses of fringed lipped carp, Labeo fimbriatus. 2013. Journal of Basic and Applied Biology ISSN-0973-8207, 6 (2): 26-34	International
Department of Botany		
Dr. Sheela Mary Xavier		
10	Chromosome number and unique pollen characteristics of an endemic medicinal plant <i>Naragamia alata</i> . 2013.	National
11	Chemical constituents and Antibacterial activity of the Root Oil of <i>Naregamia alata</i> . 2011. Journal of Tropical Medicinal plants (2)	International
Mrs. Cynthia Christopher		
12	Cytomorphological study in <i>Bacopa monnieri</i> . 2014. The Journal of Cytology and Genetics (15)	International
13	Cytological study with emphasis to karyomorphology of Gnetum and Ephedra 2014. The Journal of Cytology and Genetics (15)	International



14	Karyomorphological studies in Conifers. 2014. The Journal of Cytology and Genetics (15)	International
15	Documentation and utility based screening of aquatic vascular plants in Karikkakam and Venpalavattom. 2013. Journal of Basic & Applied Biology 7(3)	National
Dr. Nisha K K		
16	Agrobacterium tumefaciens mediated transformation of two important Indian varieties of potato (<i>Solanum tuberosum</i> L.). 2013. Journal of Phytological Research, 26	International
17	Allelopathic effect of some leguminous cover crops and rice weeds on seed germination of paddy. 2013. Journal of Phytological Research, 26	International
18	Documentation and utility based screening of aquatic vascular plants in Karikkakam and Venpalavattom. 2013. Journal of Basic & Applied Biology 7(3)	International
Dr. Sr. Shaina T J		
19	Reproductive biology of <i>Coccinia grandis</i> (L.) Voigt. A vegetatively propagated dioecious cucurbit: Evidence for facultative apomixes. 2014. International Journal of Plant reproductive biology	International
20	Chromosomal variations in <i>Coccinia grandis</i> (L.) Voigt. An actively evolving dioecious cucurbit exhibiting floral polymorphism. 2014.	International
21	Morphological variation and evolutionary significance of <i>Coccinia grandis</i> (L.) Voigt: an under-exploited cucurbitaceous vegetable crop. 2012. Plant Systematics and Evolution (293)	International
Dr. Sajitha Rajan S		
22	Preliminary study on antioxidant potential of two aquatic weeds- water hyacinth and duckweed. 2013. Journal of Basic & Applied Biology 7(3)	International
23	Laser induced chlorophyll fluorescence spectra of <i>Pallavicinia lyelli</i> (Hook.) S. Gray. Subjected to desiccation and rehydration. 2011. Indo-Global Research Journal of Pharmaceutical Sciences 2 (1)	International
24	Purification and kinetic characterization of the liverwort <i>Pallavicinia lyelli</i> (Hook.) S. Gray. Cytosolic ascorbate peroxidase. 2010. Journal of Plant physiology and Biochemistry 48 (9)	International
25	Effects of mobile phone radiation on root growth and meristematic cells of <i>Allium cepa</i> L 2010. Journal of Phytological Research 23 (2)	International
26	Physiological responses of <i>Amaranthus tricolor</i> L to NaCl stress. 2010. Journal of Phytological Research 23 (2)	International
27	Hypersensitive response of <i>Sesamum prostratum</i> Retz. Elicited by <i>Fusarium oxysporum</i> f. sesame (Schelt) Jacz Butler. 2009. Journal of Experimental Biology (47)	National
28	A Survey of moss flora from Ponmudi Hills 2009. Journal of Phytological Research 22 (2)	International
Department of Environmental Sciences		
Dr. J K Reshma		
29	"Quantification of polyphenols during retting and characterization of bacteria from Kadinamkulam backwaters, Kerala" 2011. Journal of Environmental Biology	International
30	"Biodegradation of Phenol in Pulp and Distillery effluents by Bacterial cultures" 2011. International Water Association	International
31	"Comparative evaluation of fish species thriving in anoxic and freshwater habitats" 2013. Journal of Basic and Applied Biology	International
32	"Biodegradation pattern of polyphenols released during husk retting in different bacterial isolates in vitro" 2013. Asian Journal of Env't. Sciences	International
33	"Estimation of Lycopene content in different tomato varieties and its commercial products" 2013. Asian Journal of Environmental Sciences	International
34	"Food adulteration of commercially available commodities at Thiruvananthapuram, Kerala", 2014. Journal of Ecobiology	International



35	“Screening of various fruits and vegetables for excessive nitrogen containing pesticides” 2013. Journal of Ecotoxicology and Environmental Monitoring	International
36	“Phenol degradation of bacteria isolated from coir retting beds of south Kerala coast” 2014. Journal of Global Biosciences	International
37	Study of repellent activity of different plant powders against cockroach (Periplaneta Americana) 2014. International Journal of Pure and Applied Bioscience	International
38	Biodegradation of phenol- Aerobic and anaerobic pathways – a review” 2014. International Journal of Science And Nature.	International
Dr. Ayona Jayadev		
39	“Seasonal Changes in coliform contamination of potable ground water sources in Thiruvananthapuram, Kerala, India” 2009. Asian Journal of Environmental Science 4(2)	International
40	“Effect of Pollution on the fish diversity in Mangrove ecosystem of Akkulam – Veli lake, Thiruvananthapuram, South India” 2013. Journal of Basic and Applied Biology	International
41	“Seasonal changes in bacterial indicators in drinking water of Thiruvananthapuram corporation, Kerala” 2013. Ecology and fisheries	International
42	“Phytochemical analysis and evaluation of antibacterial and antioxidant activities of Vitex negundo and Ophiorrhiza mungos” 2013. The Bioscan	International
43	“Global climate change and activities of marine microbes-A review” 2013. Ecology and fisheries	International
44	‘Isolation of Protease producing bacteria from a biofertilizer generated from a municipal solid waste’ 2013. Asian Journal of Env't. Sciences	International
45	“Isolation of Amylolytic Bacteria from a Biofertilizer Generated From Municipal Solid Waste” 2013. The Ecoscan.	International
46	“Bioprospecting marine microorganisms through culture dependant methods” 2014. Asian Journal of Microbiology, biotechnology and Environmental Sciences	International
47	“Isolation and Characterization of lipase producing bacteria from a biofertilizer generated from Municipal Solid Waste” 2014. Asian journal of Microbiology, biotechnology and Environmental Sciences	International
48	“Bioprospecting Microorganisms of Marine Environment – A Review”. 2014. Asian journal of Microbiology, biotechnology and Env'tl. Sciences	International
49	“Isolation and Characterization of cellolytic bacteria from a biofertilizer generated from Municipal Solid Waste” 2014. International Journal of Biotechnology and Biochemistry	International
50	Isolation and Screening of actinomycetes from Marine Samples for Enzyme Production. 2014. International Journal of Scientific and Engineering Research 5(12)	International
51	Differential Capacity of Nutrient Mobilization of Microbial Flora from a Chemical Fertilizer applied and a Biofertilizer applied Rhizosphere. 2015. Journal of Global Biosciences 4 (2)	International
52	Comparative Nutritional Evaluation of three Plant Modifications: Cladode, Phyllode and Phylloclad. 2015. Journal of Chemical, Biological and Physical Sciences 5(2)	International
Dr. Smitha Asok V		
53	“Spatial Information technology as a tool for soil erosion assessment using USLE-A study in the Shendurney Wild Life Sanctuary, South Kerala, India” 2011. International Journal of Environmental Sciences	International
54	“Utilisation of Limncharis flava an invasive exotic aquatic weed from Kuttanad wetland ecosystem as a potential feedstock for aquaculture” 2013. Journal of Basic and Applied Biology	International



55	'Digital Terrain Modelling of a Small Micro –Watershed Using GIS, in Karamana River Basin, Thiruvananthapuram' 2013. Journal of Ecology, Environment and Conservation	International
56	'Landscape level floral biodiversity characterization and estimation in Shendurney wildlife sanctuary using remote sensing and GIS techniques' 2013. Asian Journal of Environmental Sciences	International
58	'A critical evaluation of stage-wise reduction in pollutant load in the Effluent Treatment Plant of Hindustan Lifecare Limited, Thiruvananthapuram' 2014. Pollution Research	International
59	'Analysis of variation of soil bulk densities with respect to different vegetation classes, in a tropical rain forest – a study in Shendurney Wildlife Sanctuary, S. Kerala, India' 2014. Global Journal of Environmental Research	International
60	'A comparative evaluation of effluent characteristics of Travancore Titanium Products Limited and Hindustan Lifecare Limited, Thiruvananthapuram' 2014. Journal of Aquatic Biology and Fisheries	International
Mrs. Rajani V		
61	"Preliminary study on antioxidant potential of two aquatic weeds- Water hyacinth and Duckweed" 2013. Journal of Basic and Applied Biology	International
62	'Comparative study on water quality parameters of fresh water habitats in selected areas of Thiruvananthapuram City, Kerala, India' 2014. Ecology and Fisheries	International
63	'Water quality analysis of two surface water resources in Thiruvananthapuram, Kerala, India' 2014. Research Journal of Chemistry and Environment	International
64	"Ground water pollution in Kerala – a Review' 2014. Pollution Research	International
65	'Evaluation of nutritional and anti-oxidant properties of fresh and pickled Averrhoa bilimbi' 2014. Journal of Ecotoxicology and Environmental Monitoring	International
66	"Aminoacid Profiling and Antioxidant potential of Some Selected Edible plants." International Journal of Science and Nature.	International
67	Microbial degradation of Phenol - a Review. International Journal of Research and Review	International
68	'Human urine as afertilizer- a comparative study using Solanum lycopersicum and Capsicum sp'. Journal of Global Biosciences.	International
69	"A Preliminary Study on Root Nodules of Selected Terrestrial Plants and Their Contribution to Soil Macronutrients". International journal of chemical, physical and biological sciences	International
Department of Physics		
Dr. Deepa M		
70	Growth and characterization of crystals of a new organic complex of Thio Urea with Quinine Sulphate Dihydrate: An NLO Material, 2014. Spectrochimica Acta Part A:Molecular And Biomolecular Spectroscopy, 12, 517-523	International
71	Influence of Fe dopant concentration and Annealing Temperature on the structural and optical properties of ZNO thin films deposited by sol-gel method, 2014. Journal of Materials Science Materials in Electronics, 25, 224-232	International
72	"Crystal structure, spectral, thermal and dielectric studies of a new zinc benzoate single crystal Spectrochimica Acta Part", 2012. Molecular and Biomolecular Spectroscopy,97 ,PP1002-1006	International
73	"Spectral thermal,dielectric studies and crystal structure of novel nonlinear optical diaquabis{salicylato} zinc", 2012. International Journal Of Chem Tech Research,4[2], PP,739-748	International



74	"Growth and Characterisation of a novel polymer of manganese [11] nicotinate single crystals", 2011. Journal of crystal growth, vol:333,issue 1,pp 36-39	International
75	"Crystal structure,thermal, dielectric studies of a new polymorph of Thiamine Iodide Hydroiodide", 2011. International journal of 84rgan.Tech Research,VOL 3,NO:3,PP 1421-1428	International
76	"FTIR studies of pure and doped Hippuric acid crystals", 2008. Journal of Perspectives in vibrational spectroscopy, AIP CP 1075, 212-214	International
Dr. P S Anjana		
77	Microwave dielectric properties and low temperature sintering of (1-x) Ce O ₂ -xBaTi ₄ O ₉ ceramics, 2008. Int. J. Appl. Ceram. Technol., 5 [1] 84-93	International
78	Microwave dielectric properties and low temperature sintering of (1-x) CeO ₂ -xBaTi ₄ O ₉ ceramics, 2008. Int. J. Appl. Ceram. Technol., 5 [1] 84-93	International
79	Low Dielectric Loss PTFE/CeO ₂ Ceramic Composites for Microwave Substrate Applications, 2008. Int. J. Appl. Ceram. Technol., 5 [4] 325-333	International
80	Synthetic Minerals for Electronic Applications, Earth Science India, 2008. 1[1] 36-52	International
81	Low Loss, Temperature Stable Dielectric Ceramics in ZnNb ₂ O ₆ -Zn ₃ Nb ₂ O ₈ System for LTCC Applications, 2009. J Mater. Sci.: Mater. Electron, 20 [7] 587-596	International
82	Microwave dielectric properties and low temperature sintering of cerium oxide for LTCC applications, 2009. J. Am. Ceram. Soc., 92 [1] 96-104	International
83	Low temperature sintering and microwave dielectric properties Li ₂ MgSiO ₄ ceramic for LTCC based devices, 2009. J. Am. Ceram. Soc., 92 [6] 1244-49	International
84	Thermal properties of Low Loss PTFE-CeO ₂ Dielectric Ceramic Composites for Microwave Substrate Applications, 2010. J. Appl. Polym. Sci. 118 [2] 751-58	International
85	CeO ₂ - La _{0.5} Sr _{0.5} CoO ₃ - δ composites for Giant permittivity applications, 2009. J. Phys. D Appl. Phys. 42, 225502	International
86	Structure and Microwave Dielectric Properties of Ca ₅ A ₄ TiO ₁₇ (A = Nb, Ta) Ceramics, 2010. Mater. Chem. Phys., 121, 77-82	International
87	Dielectric, thermal, and mechanical properties of CeO ₂ -filled HDPE composites for microwave substrate applications, 2010. J. Polym. Sci. Part B-Polym. Phys., 48, 998-1008	International
88	Low Temperature sintering and microwave dielectric properties of Ce ₂ (WO ₄) ₃ ceramics, 2010. Ceram. Int., 36, 1535-1540	International
89	Microwave dielectric properties of C _x RE _{1-x} O ₂ - δ (RE = La, Nd, Sm, Eu, Gd, Dy, Er, Tm, Yb and Y), 0 \leq x \leq 1 ceramics, 2010. J. Alloys and Compds., 490 [1-2], 208-213	International
90	Dielectric, Mechanical, and Thermal properties of low permittivity polymer-ceramic composites for microelectronic applications, 2010. Int. J. Appl. Ceram. Technol., 7[4] 461-474	International
91	Synthesis, Characterization, and Microwave Dielectric Properties of Sr _{2-x} La ₂ Mg _{1-x} W ₂ O ₁₂ (x=0, 1) Ceramics, 2010. J. Am. Ceram. Soc. 93[9], 2467-2469	International
92	Chemical bath deposition and characterization of CdSe thin films for optoelectronic applications, 2010. J Mater Sci., 45, 6653-6656	International
93	Synthetic Minerals for Electronic Applications, 2008. Earth Science India, 1[1] 36-52	National
94	Low permittivity SrCuSiO ₄ -LMZBS glass composite for LTCC applications, 2011. Mater. Lett., 65, 565-567	International
95	Effect of borosilicate glasses on the microwave dielectric properties of ZnO-Nb ₂ O ₅ -Ta ₂ O ₅ , 2013. J.Mater.Sci. Mater. Electron., 24[6], 2035-42	International



96	Synthesis and Characterization of Zinc/Manganese Borate Glass-Ceramic for LTCC applications, 2014. J. Mater. Sci	International
Dr. Veena Suresh Babu		
97	"Meteor radar observations of short-term variability of quasi 2-day waves and their interaction with tides/planetary waves in the Mesosphere-Lower Thermosphere region over Thumba (8.50 N, 770 E)", 2011. Journal of Geophysical Research, vol. 116, D16121, doi:10.1029/2010JD015390	International
98	"Seasonal variation of planetary wave momentum flux and its forcing towards the mean flow acceleration in the MLT region", 2012. Journal of Atmospheric and Solar Terrestrial Physics, vol. 78-79, pp 53-61	International
99	"Simultaneous observation of quasi 16-day wave in the mesospheric winds and temperature over low-latitudes with the SKiYMET radar", 2010. Radio Science, vol. 45, RS6014, doi:10.1029/2009RS004300	International
100	"Characteristics of winds in the equatorial MLT region- A Review", 2010. Asian Journal of Physics, Vol. 19, No. 4, 457-474	International
101	"Temperature perturbations in the Troposphere-Stratosphere over Thumba (8.50N, 76.90E) during the Solar Eclipse 2009/2010", 2011. Annales Geophysicae, vol. 29, 275-282	International
102	"First observational study of elipse induced variations in the horizontal winds simultaneously in the troposphere, stratosphere mesospheric and lower thermosphere region over equatorial station Thumba (8.50N, 76.90E)", 2013. Earth, Planets and Space, 65, 781-790	International
103	"Quasi biennial oscillation in the stratosphere and mesosphere and quantitative estimation of forcing from short period planetary waves over an equatorial station", 2014. Current Science, 106, No. 9, 1260-1269	National
Department of Chemistry		
Dr. Mariamma A T		
104	Synthesis, spectral, cyclic voltammetric and biological studies of some oxomolybdenum (V) and dioxomolybdenum (VI) complexes of a Schiff base derived from 4-aminoantipyrine. 2011. Journal of Indian Chemical Society 88, pp. 765-773	International
Dr. Sindhu Yesodharan		
105	Synthesis, characterization, DNA cleavage and antimicrobial studies of some transition metal complexes with a novel Schiff base derived from 2-aminopyrimidine. 2013. Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry.	International
106	Synthesis, characterization, thermal decomposition studies and dyeing properties of some novel transition metal complexes of an azo derivative formed from 2-aminothiophene. 2011. Russian Journal of Inorganic Chemistry. 56, pp.1276-1283	International
107	Synthesis and spectroscopic characterization of some lanthanide(III) nitrate complexes of 3-[3-carboxyethyl-4,5-dimethylthiophene-2-yl]azo]pent-2,4-dione. 2011. Journal of the Serbian Chemical Society. 76, pp. 249-261	International
108	Synthesis, characterization and antibacterial studies of oxovanadium (IV) complexes with thiazole derived Schiff bases. 2010. Phosphorus, Sulfur, and Silicon and the Related Elements.	International
109	Synthesis, spectroscopic characterization, electrochemical and thermal decomposition studies of some transition metal complexes with an azo derivative. 2010. Spectrochimica Acta Part A. 75, 106-112	International
110	Synthesis, spectroscopic characterization and thermal studies of some lanthanide (III) nitrate complexes with a hydrazo derivative of 4-aminoantipyrine. 2010. Journal of Rare Earths. 27, 705-710.	International



Dr. Siji V L		
111	Crystal growth, characterization and dielectric studies of silica –gel grown poly distrontiumdimaletate pentahydrate: A 2D porous metal-organic framework	International
112	(2E)-2-Benzylidene-N-phenylhydrazinecarboxamide. 2014. Acta Crystallographica-Section E	International
113	Synthesis and spectral characterization of zinc(II) and cadmium(II) complexes of acetone-N(4)-phenylsemicarbazone: Crystal structures of acetone-N(4)-phenylsemicarbazone and a cadmium(II) complex. 2010. Polyhedron. 29(9) 2035-2040.	International
114	Synthesis, characterization and physiochemical information, along with antimicrobial studies of some metal complexes derived from an ON donor semicarbazone ligand. 2010. Spectrochim. Acta 76A(1) 22-28	International
115	Synthesis, spectroscopic characterization and antimicrobial activity of cobalt(II) complexes of acetone-N(4)-phenylsemicarbazone: Crystal structure of [Co(HL)2(MeOH)2](NO3)2. 2011. Trans. Met. Chem. 36(4), 417-424	International
116	FT-IR and FT-Raman spectral studies and DFT calculations of tautomeric forms of benzaldehyde-N(4)-phenylsemicarbazone. 2011. Indian J. Chem. 50A(06), 793-797	National
117	Synthesis, spectral, thermal and antimicrobial studies of oxomolybdenum(V) and dioxomolybdenum(VI) complexes with 2,3-dimethyl-1-phenyl-4-(5-chloro-2-hydroxy-4-methylphenylazo)-5-pyrazolone. 2008. J. Indian Chem. Soc. 85, 589-594	National
118	Synthesis, spectral, thermal and antimicrobial studies of oxomolybdenum (V) and dioxomolybdenum (VI) complexes of Schiff base derived from 4-aminoantipyrine and 2, 4-dihydroxyacetophenone. 2009. J. Indian Chem. Soc. 86, 441-448	National
Dr. Beenakumari K S		
119	Corrosion Prevention of Aluminium in 1 N HCl by surface Deposition of Nickel Titanate. 2013. Portugaliae Electrochimica Acta. 31(4), pp. 235-239	International
120	Saraca Indica (Asoka) Leaves Extract as Corrosion Inhibitor for Mild Steel in Potable Water – A bioremediation Method. 2013. Journal of Industrial Pollution Control 29(2), pp. 213-218	International
121	Justicia Adhatoda (Vasaka) Leaf Extracts as Eco-friendly Corrosion Inhibitor for Mild Steel in Potable Water. 2013. Oriental Journal Of Chemistry. 29(1),pp. 369-373	International
122	Photocatalytic activity of nanosized nickel tin oxide prepared by co-precipitation method". The Journal of Indian Chemical Society. 91, 1937-1941	National
123	Development of environmental friendly inhibitor for corrosion prevention of mild steel in aerated drinking water system. Analytical and Bioanalytical Electrochemistry. 2(1),pp.36-40	International
124	Inhibitory Effects of Murraya Koenigii (Curry Leaf) Leaf Extract on the Corrosion of Mild Steel in 1M HCl. Green Chemistry Letters and Reviews. 4(2),pp.117-120	International
125	Removal of Iron from Water Using Vanadium Oxide Modified Petroleum Coke as Adsorbent. International Journal of Chemtech Applications. 2(2), pp. 16-22	International
126	Synthesis and characterisation of nano-sized nickel titanate photocatalyst. Journal of Experimental Nanoscience. 8(2),pp.203-209	International



127	Electroplating of Nickel on Nickel Titanate Modified Mild Steel. Journal of Electrochemical Science and Technology. 4(2), pp. 57-60	International
128	Electrochemical Deposited Zinc Titanate Film on Mild Steel Surface for Enhanced Corrosion Prevention Characteristics. Indian Journal of Advances in Chemical Science. 2(2), pp. 95-97	National
129	Studies on Iron Contamination of Well Water in Karikkakom Locality- Case studies. Journal of Applied Science And Research, 2 (2), pp.99-102	National
130	Development of Suitable Corrosion Inhibitor for Pipeline Corrosion. International Journal of Advanced Research in Chemical Sciences (IJARCS), 1(2), pp.1-3	International
Department of Mathematics		
Dr. Indu R S		
131	"Principal Ideal Graphs of Inverse Semigroups", Universal Journal of Mathematics and Mathematical Sciences. 2012. (2). 37-45	International
132	"Principal Ideal Graphs of Rectangular Bands", Mathematical Theory and Modeling, 2012. IISTE. USA, Vol.2 No.9	International
133	"Principal Ideal Graphs of Rees Matrix Semigroups", 2012. International Mathematical Forum, Vol.7, No 60. 2953-2960	International
Department of Commerce		
Dr. Reshmi R Prasad		
134	Women and Work: Anlysis 2010 Southern Economist 49 no.8pg 33-36	National
135	An Analysis Of India's Foreign Trade 2013. Journal of Accounting and Finance. 28, Page 61-73	National
Sr. Carvalho Faustina Cicila		
136	A study on Employee Motivation and Organizational Commitment. 2011. Management Researcher. XVIII, Page 69-81	National
137	Emerging Role of Business towards Society in the 21 st century. 2014. International Journal of Multidisciplinary Research 2, Issue 12(IV), Page 66-68	International
138	Indian Banking In The Competitive Era. 2014. International Research Journal of Commerce, Business and Social Sciences.Vol.III, Issue 4 (I) ISSN 2277-9310	International
139	Grievance Handling Mechanism In Banks-An Overview. International Research Journal of Commerce, Business and Social Sciences.Vol.IV,Issue3(1), 2015- ISSN 2277-9310	International
Ms. Lissy Bennet		
140	Economic empowerment of women in SEZ in India,conference proceedings,Volume1; Issue 1,2014	National
Ms. Sangeetha S		
141	NRI Investments-Myths and Reality. 2013. Journal of the International Conference	International
142	Basel 3 Accord-Issues in the Indian Context. 2013. Financial Sector Reforms and the Banking Industry in India: Opportunities and Challenges	National
143	Economic empowerment of women in SEZ in India conference proceedings,Volume ;1 Issue 1,2014	National
Department of History and Politics		
Ms. Parvathy Menon		
144	'Chalanga', 2009. Vijnana Kairali, vol.40, no.9, Kerala Bhasha Institute,Thiruvananthapuram	National
145	'Violence against Women: The Kerala Scenario' 2010. Seek, The Inter Disciplinary Research Journal of All Saints' College, vol.1, no.1, Tvm	National
146	'Prof A Sreedhara Menon A Faithful Historian. 2010. BharathaPathrika, vol.1, no.7-8, Thiruvananthapuram	National



Ms. Lekha Rani M L		
147	Evolution Of Temple Architecture In Kerala In 'Seek' The Interdisciplinary Research Journal Of All Saints College, January-June, 2010	National
Ms. Vidya Nair		
148	U.N & The Environment: Challenges And Prospects" In The Journal 'Social Science In Perspective', Vol.4, No.1, January-March 2012	National
149	Role Of U.N In Promoting Human Rights" In An Edited Book Titled 'Human Rights In A Changing World' Edited By P. Sukumaran Nair, Kalpaz Publications, Delhi, 2011	National
150	"U.N & Human Rights" In Yojana, Vol.39, No.9, April 2011	National
151	Evolution Of World Trade Organization' In 'Seek' The Interdisciplinary Research Journal –All Saints' College, Jan-June 2010.	National
152	Unesco's Ethical Intellectual Role In Education' In 'Seek' The Interdisciplinary Journal Of All Saints' College, January-June 2009	National
153	"Political Empowerment Of Women Through Decentralization: Myth Or Reality" In Isda Journal, Vol. 21, No.1, January-March 2011	National
Department of Economics		
Ms. Sunpriya Balachandran		
154	"GST Implementation: What can India Learn from the International Experience?" 2013. "Kerala Tax Reporter"	National
Department of English		
Dr.Rajsree M S		
155	A Marxist rendering of Kiran Desai's The Inheritance of Loss: Indian Journal of Post Colonial Literatures 2010	International
156	The influence of Plautine Comedies on Chaucerian Tales". Contemporary Discourse 2 2011	National
157	Divining the Male Self in Sula, Indian Journal of Post Colonial Literatures 2.1, 2011	National
158	The Dialectics of Indian Literary Historiography as Exemplified in Francis Itty Cora, Indian Journal of Post Colonial Literatures, 2.2, 2011	National
159	A Feminist discourse on Poile SenGupta's Mangalam, Litcrit, 71.37, 2010	National
150	Radioactivity of Trauma in Jewish Immigrants in America, Labyrinth, 2, 2010	National
151	The Psychodynamics of Trauma and Recovery in Nora Gold's Marrow and Other Stories, English Activities Update, 2, 2012	National
Ms. Diana V Prakash		
152	Colours of the Mindscape: Ondaatje's In the Skin of a Lion and Cubist Colours, Research Lines, 2013	National
153	The Populist World: Postmodern Mis-en-scene in Jerzy Kosinski's Pinball, English Activities Update, 2013	National
Dr Kavitha N		
154	Reconstructing Religion in Post Colonial Paradigms: Voices in Mahfouz's Children of the Alley, Indian Journal of Post Colonial Literatures, 13.2, 2013	International
Department of Hindi		
Dr. Molly Georgina		
155	Nirmala mem chithrith samajik samasyayam	National
Department of Malayalam		
Dr. C. Udayakala		
156	Bhasha Koudaleeyam- Samakaalika Prasakthi	National

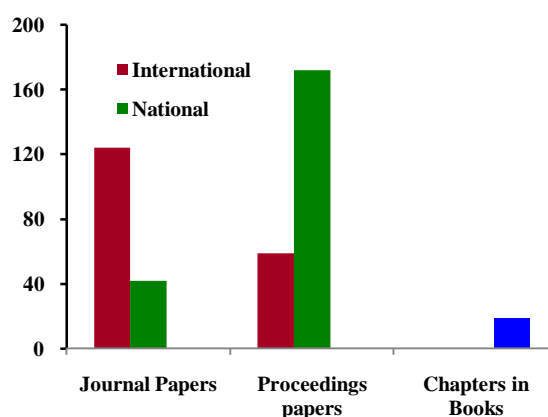


Papers published by Faculty in Peer Reviewed Journals

No	Name of Faculty	Journal Papers		Proceedings Papers		Chapters in Books
		International	National	International	National	
Zoology						
1	Dr. Dhanalekshmy T. G.	3	2	0	5	0
2	Dr. D. Sherly	3	2	1	0	0
3	Dr. Siny C. Benjamin	0	0	1	3	0
Botany						
4	Dr. Sheela Mary Xavier	1	1	1	0	0
5	Mrs. Cynthia Christopher	3	1	0	4	0
6	Dr. Nisha K. K.	3	0	0	8	0
7	Dr. Sr. Shaina T. J.	3	0	3	3	0
8	Dr. Sajitha Rajan S.	6	1	4	4	0
Environmental Sciences						
9	Dr. J. K. Reshma	10	0	4	3	1
10	Dr. Ayona Jayadev	15	0	4	5	1
11	Dr. Smitha Asok V.	7	0	4	1	0
12	Mrs. Rajani V.	9	0	3	2	0
Physics						
13	Dr. Deepa M.	7	0	0	13	0
14	Dr. Anjana P. S.	19	1	4	7	0
15	Dr. Veena Suresh Babu	6	1	6	4	0
16	Dr. Beena	0	0	0	2	0
Chemistry						
17	Dr. Mariamma A. T.	1	0	0	0	0
18	Dr. Sindhu Yesodharan	6	0	1	7	0
19	Dr. Siji V. L.	5	3	1	13	0
20	Dr. Beena Kumari K.S	8	3	1	7	3
Mathematics						
21	Dr. Indu R. S.	3	0	0	1	0
22	Dr. M Mettilda Rose V	0	0	0	3	3
23	Vidya T R	0	0	2	2	0
Commerce						
24	Dr. Reshmi R. Prasad	0	2	0	0	0
23	Sr. Carvalho Faustina C	3	1	1	0	0
24	Mrs. Lissy Bennet	0	1	0	1	0
25	Mrs. Sangeetha S.	1	2	0	3	0
English						
26	Dr. Liji Varghese	0	0	2	10	2
27	Dr. Kavitha N	1	0	0	2	0
28	Ms. Sonya J. Nair	0	0	2	7	1
29	Ms. Kukku Xavier	0	0	0	7	1
30	Joveeta Justin	0	0	2	2	0
31	Ms. Raj Sree M S	1	6	7	5	4
32	Smt. Diana V. Prakash	0	2	1	2	2
33	Nishel Prem Elias	0	0	0	2	0
History & Politics						
34	Mrs. Parvathy Menon	0	3	1	9	0



35	Ms. Vijaya Kumari K	0	0	3	3	0
36	Ms. Lekha Rani M L	0	1	1	3	0
37	Ms. Vidya Nair	0	6	0	1	0
Economics						
38	Ms.Sunpriya Balachandran	0	1	0	1	0
Malayalam						
39	Dr. Udayakala	0	1	1	9	0
Physical Education						
40	Ms. Divya S R	0	0	0	3	1
41	Ms. Margrette Leena.V	0	0	0	3	0
42	Ms. Naina Anand	0	0	0	1	0
Hindi						
43	Ms. Molly Georgina	0	1	0	1	0



3.4.4 Research Awards and Recognition Received by the Faculty

Research Awards Received by the Faculty

Department	Name
Botany	Ms. Cinthya Christopher
Best Poster Award, Regional Science Congress	
	Dr. Sajitha Rajan S
Best Woman Scientist Award, Swadeshi Science Congress, Young Scientist Award, Golden Jubilee symposium.	
Zoology	Dr. Siny C Benjamin
Best Poster Award in the International Conference on Emerging Trends in Biotechnology.	
Environmental Sciences	Dr. Smitha Asok V
Best Poster Award, World Bioheritage concerns over climate change with special reference to Ethnic vegetables.	
	Dr. Ayona Jayadev
Best Paper Award, Contemporary techniques in Environmental research and conservation.	
Physics	Dr. P S Anjana
International Journal of Applied Ceramic Technology Top Cited Articles Include: Low Dielectric Loss PTFE/CeO ₂ Ceramic Composites for Microwave Substrate Applications, Member, Indian Ceramic Society, and Reviewer of International Journals like J. Am. Ceram. Soc., J. Materials Science, J. Mater. Sci. Mater. Electron, Young Scientist Award by KSCSTE.	



Commerce	Dr. Reshmi R Prasad
Best Paper Award for paper presented in RDA's 14 th International conference - "An Analysis of India's Foreign Trade"	
Chemistry	Dr. Beenakumari K S
Best Paper award for a paper on Development of suitable Corrosion inhibitor for pipeline corrosion" in CTERC-2014	
Mathematics	Dr. Mary Mettilda Rose V
Best N S S Programme Officer award	

Recognition Received by the Faculty

Department	Name
Physics	Dr. Molly Isaac
Chairman, BSc. Physics Final Year-Annual Scheme, 2013, Kerala University	
	Ms. S Kalyani
Chairman, Supplementary Exams-Annual Scheme, 2013, Kerala University	
	Dr. Caroline Beena Mendez
Chairman, Supplementary Exams- Annual Scheme, 2014, Kerala University	
	Dr. Veena Suresh Babu
Editorial member of International Journal, Journal of Space and Planetary Science Reviewer of International Journals, Indian Journal of Radio & Space Physics (IJRSP) Journal of Atmospheric Solar and Terrestrial Physics (JASTP)	
Zoology	Dr. Dhanalakshmy T G
Member, WWF, The Millenium Zoology Award for Student Project	
	Ms. Divya Grace Dilip
Member of World Wide Life Fund For Nature (WWF)	
	Dr. Sini G Benjamin
Life member, ENTOMON, Life member, BRSI, Life member, CISSA	
	Dr. D Sherly
Member, Inland Fisheries Society of India, Member, Indian Aquaculture Society Member, Tropical Aquaculture Scientists Member, WWF.	
Mathematics	Ms. Shirly Joseph
Member, Kerala Mathematical Association	
	Ms. Vidya T R
Member, Kerala Statistical Association	
Hindi	Ms.. Aniamma George
Member of the Board of Studies, University of Kerala for the period 2014-2017	
Botany	Dr. Nisha K K
Rapporteur in a section in the Regional Science Congress on 'Science for Shaping the Future of India' jointly organized by the Indian Science Congress Association, Coimbatore chapter and Kongunadu Arts and Science College at Coimbatore during 15 th and 16 th December 2012.	



	Dr. Saitha Rajan S
Guide for 17 th National Children's Science Congress 2009 during 27 th to 31 st December 2009	
English	Dr. Liji Varghese
Member of Board of Studies, University of Kerala.	
	Ms. Sonya J Nair
Assistant Editor, Higher Education 2.0, International Peer Reviewed Journal by the Kerala State Higher Education Council.	
	Dr. Pascoela A D'souza
Additional Skills Acquisition Programme (ASAP) co-ordinator. NSS Programme Officer. Executive Member of Trivandrum Diocese Educational Board of Studies.	
Environmental Sciences	Dr. J K Reshma
Member of Network of Researchers- (IIUCNRM), with effect from 04.06.2014, FLAIR member, 2014-2015 Fostering Linkages in Academic Innovation and Research (FLAIR), Advisory Committee Member of NSS-NSS, University of Kerala, on 29.08.2014, Best Programme Officer Certificate of Appreciation for Best Programme Officer (National Service Scheme), for the academic year 2013-14, from the Hon. Vice Chancellor, University of Kerala, Chair Person I, III and V semester Examination, Career Related Degree Programme under CBCSS	
	Dr. Ayona Jayadev
Certified A- View Trainer, Amritha Viswavidyapeetham, Vallikavu, FLAIR member, 2014-2015, FLAIR International Intern (Sheffield Hallam University, UK). (FLAIR), Reviewer of International Journals.	
	Dr. Smitha Asok V
Life Member, Indian Society of Remote Sensing (Membership No. L-4135), Members of Network of Researchers (IIUCNRM), with effect from 04.06.2014, Chair Person II Semester Examination, Career Related FDP under CBCSS, Reviewer of International Journals	
Physics	Dr. Caroline Beena Mendez
Chairman of theory and Practical exam B. Sc. Physics of University, Member, Board of Studies, Physics.	
	Dr. Anjana P S
Visiting Faculty of Institute for Intensive Research in Basic Sciences (IIRBS), offering MS Programme and Integrated Ph. D. Programme, MG University, Kerala (Rs. 50,000/-), Reviewer of papers in International journals, Delivered a talk on SCIENTIA – 2015 held at at Sree Krishna College, Guruvayur on 5 th and 6 th of February 2015.	
Dr. Veena Suresh Babu	Reviewer of papers in International Journals
Economics	Ms. Mary Alice G
Exam Superintendent of the University Exam from 2014 – 2015, Deputy Chairman of the Sixth and Third Semester Examinations of B A Degree Programme University 2014 – 15	
	Ms. Sunpriya Balachandran
Resource Person in the “National Seminar on Goods and Services Tax: Prospects and Pragmatism” organized by the Commerce Department of the K N M Govt. Arts Science College, Kanjiramkulam on 6 th and 7 th February 2015.	
History and Politics	Ms. Parvathy Menon
Member, Board of Studies of Lady Doak College (Autonomous), Madurai from January 2015-December 2016. Life Member of South Indian History Congress	
	Ms. Lekha Rani ML & Ms. Vijaya Kumari K
Life Members of South Indian History Congress	



3.5 Consultancy

3.5.1 Institutional Strategies for Establishing Institute-Industry interface

The College has yet to develop a structured consultancy policy, but the staff members are encouraged to take up voluntary consultancy services. Though formally there is no interface with industries, the respective departments of the college formulate their action plan in a way as to include institute - industry interaction. Visits to industrial centers of importance according to the requirement of the particular discipline are undertaken to facilitate experiential learning. Students are also taken to large scale units outside the State as study tours and excursions.

The active Career Guidance and Placement Cell of the Institution caters to the diverse needs of job opportunities of the student community through training programmes, workshops and campus selection by various industries and firms of repute like the IBM, Greens Academy, Mathrubumi.com, TVS, TS Group Company etc.

3.5.2 Institutional Policy to Promote Consultancy

The college promotes consultancy services in a wider perspective through knowledge dissemination, providing academic expertise and guidance to the needy. The institution promotes the efforts of the faculty to start consultancies. Support and assistance is provided to faculty institute having expertise in multitude of areas. The institute is looking forward to set up a formal consultancy with the potential to generate income. The institute has actively participated in ASAP (Additional Skill Acquisition Programme) and WWS (Walk With the Scholar) an initiative of Higher Education Department, Government of Kerala and provided the students an arena whereby they could acquire skills for earning.

3.5.3 Encouragement to Staff to Utilize their Expertise for Consultancy

The active participation of the faculty in seminars, workshops, symposiums, and other academic interactions organized by other institutions and organizations provide platform for publicizing the range of expertise available within the Institution. The institute also supports the departments in organizing knowledge disseminating seminars, workshops etc. The institute has encouraged all young faculty members to apply for a newly introduced scheme named FLAIR (Fostering Linkages in Academic Innovations and Research) by the Department of Higher Education, Government of Kerala. The faculty members were free to attend the training programmes offered by FLAIR. This shows the interest of the institution in improving the quality of the members of faculty for the betterment of the teaching- learning and research programme in the institution. Some teachers give invited lectures regularly:

- Dr. Roshan Thomas, Department of English addressed the members of the YWCA, Trivandrum on Women empowerment: Current issues and Challenges : 16 th June 2010
- Ms. Kyrunnisa A, Dept. of English was a chief guest at the inauguration of the exhibition organized by the English Association and the Literary Club of St. Thomas Training college, Tvm. : 11th June 2010
- Dr. Deepa Pillai, Department of English was a resource person at the national workshop on evaluation, conducted by the Indian Institute of Management India and Prometric USA.: July 13- 17, 2010



- Dr. Deepa Pillai, Dept. of English was the resource person at the Southern Region Workshop to diverse English Language Assessment Criteria for recruitment and learning for US Technologies, Technopark, Trivandrum : 18th August 2010
- Dr. Roshan Thomas, Department of English was a chief guest at the UGC Sponsored National Seminar on Empowerment of Women at Nesamony Memorial Christian College Marthandom. She delivered the keynote address on “ The Politics of Representation : Mediated Feminine Identities” : 11th September 2010
- Ms. Khyrunnisa A, Department of English was anchor and interviewer at the Meet the Author programme held at DC Books, Trivandrum in connection with the ‘Kovalam Literary Fest’ 2009. The writer interviewed was Ira Trivedi : 8th October 2010
- Ms. Khyrunnisa A, Department of English was anchor and interviewer at the ‘Meet the Author’ programme held at DC Books, Trivandrum in connection with the ‘Kovalam Literary Fest’ 2010. The writer interviewed was Meenakshy Reddy Madhavan : 9th October 2010
- Ms. Sonya J Nair, Department of English was a resource person at the workshop on Research Methodology in Literature in English at Mar Ivanios College: 20th November 2010
- Dr. Roshan Thomas, Department of English delivered a lecture on A critique of Anglo American Feminist Literary Theory to the participants of the Refresher Course on Women’s Studies at the Academic Staff College, Kariavattom : 5th November 2010
- Ms. Khyrunisa A, Department of English was the quiz master at the inter bank (Tvm Zone) Bank Fest Quiz organized by SBT: 27th Nov 2010.
- Ms. Khyrunisa A, Department of English released the book “kattile Kathakal’ , a translation by K. Kunji Krishnan and published by Mathrubhoomi publications of Kipling’s’ Jungle Book at the International Book Fair held in Trivandrum: 22nd December 2010
- Ms. Deepa Pillai, Department of English was a resource person in the Co ordination workshop for the Business English Certificate Examination, conducted by British Council Chennai at Trivandrum: 13 March 2010
- Ms. Khyrunisa A, Department of English was the Chief guest at the installation ceremony of the president and her team of the office bearers of the Inner wheel Club of Trivandrum: 21st June 2010
- Ms. Khyrunisa A’s novel Howzaat Butterfingers published by Penguin Books, was released by Dr Shashi Tharoor at the Assembly hall, Govt. Women’s college, TVM : 14th August 2010
- Ms. Khyrunisa A, Department of English was the Quiz Master at the quiz organized by the Vigilance Dept, SBT for the staff of SBT in connection with the Vigilance week at SBT Head Office, Poojapura , Tvm. 28th October 2010
- Ms. Khyrunisa A, Department of English delivered the France Collins Memorial lecture 2010 organised by CMS College, Kottayam. The lecture was titled “ Through the clear Glass: Writing for Children Today: 12th November 2010
- Ms. Khyrunisa A, Department of English was the Quiz Master at the All India Inter Zonal SBT Bank Fest Quizat SBT Head Office, Poojapura , Trivandrum: 10th December 2010



- Ms. Khyrunisa A, Department of English was the Quiz Master at the All Kerala Most Rev Dr I Jesudasan Inter Collegiate Quiz Competition organized by Christain College, Kattakkada, TVM: 20th December 2010
- Ms. Khyrunisa A, Department of English was the Quiz Master at the P Madhavan Thampi Memorial Intr Collegiate GK Quiz organized by the Lion's Club, Trivandrum: 23rd January 2011
- Ms. Khyrunisa A, Department of English inaugurated the Reading Week at St Thomas Higer Secondary School, Trivandrum : 20th June 2011
- Ms. Khyrunisa A, Dept of English took part in a Meet the Author session at Vidya Mandir Higher Secondary School, Chennai: 11th July 2011
- Ms. Khyrunisa A, Dept of English took part in a Meet the Author session at Sri Sankara Higher Secondary School, Chennai: 12th July 2011
- Ms. Khyrunisa A, Dept of English took part in a Meet the Author session at American International School , Chennai: 12th September 2011
- Ms. Khyrunisa A, Department of English won the Second Prize at the Amar Chithra Katha Short Story competition (Tinkle) for adult writers of Children's fiction : January 2012
- Ms. Khyrunisa A, Department of English was the chief guest at the Annual Public Meeting and Hostel Day Celebration of YWCA: 10th March 2012
- Ms. Khyrunisa A, Department of English gave a talk on ' The Art of Creative Writing' at University College, TVM: 28th March 2012
- Dr. P S Anjana conducted a talk on Science Education in India as part of National Science Day Celebrations at Christ Nagar College of Teacher Education, Thiruvallom.
- Dr. P S Anjana, Dept of physics conducted talk on 'Materials for wireless communication' Prathibha Scholorship programme-by KSCSTE.
- Dr. Anjana P S, Department of physics delivered a talk on 'Women and Science' in All India Radio, in connection with International Women's day Celebrations.
- Dr. Ayona Jayadev of Department of Environmental Sciences delivered an invited lecture on – 'Food Security, in a seminar organized by KKTM Government College, Kodungalloor.
- Dr. Siny G Benjamin, Department of Zoology was a resource person for the College level orientation programme in General Informatics on the topic "Introduction to Informatics" conducted under the joint auspicious of the Higher Education Council, Govt of Kerala and Emmanuel College Vazhichal, Trivandrum on 16th December 2010.
- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology has been the resource person for the inservice course in Natural Science 95rganizin by Govt. College of Teacher Education, Tvm.2010.
- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology has been a member of the 95rganizing committee of the Indian Biodiversity Congress organized by Centre for Innovation in Science and Social Action, Kerala State Biodiversity Board and University of Kerala at Thiruvananthapuram from 27th to 31st December 2010.
- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology has conducted a UGC funded remedial coaching for B Sc Zoology students on the topic Bioinformatics at Department of Zoology VTMNSS College Dhanuvachapuram on 25th March 2011.
- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology has



chaired a session in the UGC sponsored National Conference on Biodiversity, “Conservation of Nature’s Endless and Unexplored Resources” on 28th and 29th September 2011.

- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology was a resource person for the Seminar on “Bioinformatics: Prospects and Possibilities” held on 28th March 2011 organized by Department of Botany, Devaswom Board College, Kollam
- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology has conducted a session on “Biological impacts of ozone depletion” in connection with International ozone day celebrations on 27-09-2012 at New Bed college, Trivandrum on the focal theme Protecting our Atmosphere for generations to come in association with Kerala State Council for Science and Technology.
- Dr. Siny G Benjamin, Assistant Professor, Department of Zoology has served as a resource person in the one-day Workshop and hands on training for teachers and students on “Bioinformatics” organized by the Post Graduate and Research Department of Zoology, St. Thomas College, Kozhencherry, Pathanamthitta on 24th February 2012.
- Dr. Siny G Benjamin was selected as the Quiz Master for the 5th Children’s Ecological Congress 2012, organized by the Kerala State Biodiversity Board on 29th December, 2012 at Trivandrum.
- Ms Parvathy Menon gave a Talk to the students of the PG & Research Dept. of History, Lady Doak College, Madurai (Autonomous) on the topic “The importance of the study of History”, on 26th February, 2015.
- Ms Parvathy Menon was the Chief guest for the International Women’s Day Celebrations at Christ Nagar College, Vizhinjam on March 7, 2015

3.5.4 Areas of Consultancy Services Provided by the Institution

The institution has both paid as well as voluntary consultancy

Department	Paid Consultancy
Zoology	“Ornamental Fish Culture and Aquarium Management”
	“Mushroom Cultivation”.
	Project preparation for Bank Loans
Botany	Biodiversity documentation
Department	Voluntary Consultancy
Botany	Identification of plants and medicinal herbs for local people and school students
Env. Sciences	Water Quality Analysis to the nearby residents who request

3.5.5 Sharing of the Income Generated through Consultancy

The income generated through consultancy activity is bare minimum and hence it is used for the sustenance of the consultancy itself.

3.6 Extension Activities and Institutional Social Responsibility

3.6.1 Institutional – Neighborhood - Community Network and Student Engagement for Citizenship, Service Orientation and Holistic Development

- Activities are undertaken in the institution under various clubs and schemes to promote institution- neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic



development of students. The units of **National Service Scheme**, of the college have been functioning as nodal points of institutional interaction with the Community. These organizations, in consultation with the Local Self Govt. organizations and scientific institutions, undertake social welfare activities such as **community health and hygiene awareness camps, agricultural promotion campaigns, charity work, restoration of abandoned fresh water bodies** etc. Organizing regular **blood donation camps** and **blood donation on life saving emergency call** are regularly done by the NSS. **Free eye checkup camp, awareness lectures on Breast Cancer, workshops on violence against women, tree plantations** are also taken up as part of the activities.

- Under **Health & Hygiene Programme** of the institute, **cleaning and sanitizing around railways station, Bus stand and Hospitals** are taken up.
- The Institution emphasizes spiritual development of students through **AICUF**. It works strenuously with a special focus on **DRAW (Dalit-Refugees-Adivasis-Women)** commission towards the emancipation and empowerment of the marginalized. It provides a forum for students to develop their spirituality and leadership potential. It develops awareness about themselves among students, that they should be responsible, have a social commitment towards society and the nation. In this regard, a number of campaigns have been organized. To name some- '**Signature Campaign**' to aid the rehabilitation of Adivasi community, '**Walk for Peace**'- a peace rally to express solidarity for the victims of the attack on Gaza, '**Black Day**' – a protest against the Delhi rape case, '**Awareness Campaign**' against **Narcotic and Drug Abuse**, '**Anti – Pollution and Anti-Plastic Protest**', **Protest rally against the adverse effects of Kudankulam Nuclear Power Plant**. Participation in National Programmes and International Conferences is also encouraged. Rallies are organized to show protest against the atrocities against women in collaboration with '**Open Space**'. It also organizes various programmes and activities like leadership camps, annual exposure camps in **Adivasi Colony, Visits to Old Age Homes, Slum Visits, and Women's Meet and Visits to Refugee Colonies**, thereby creating a growing awareness of social and personal responsibility among the students.
- **Placement Cell, Special Cell for Students, Career and counseling cell, Red Ribbon Club** etc. of the college ensure institutional and social responsibility among faculty and students.
- The department of Economics has two outreach programmes: **Literacy Mission and Student Support Programme (SSP)**.
- Final year Students of department of Mathematics take classes in the nearby school, St. Mary's School, Vettucaud every Friday.
- **Women Studies Cell** works for the beneficiary of the women in society. It is a collaborated endeavor with KSWDC and KSWC. The students have a strong unit that works in collaboration with **H2O (Helping Hands Organization)** and **MAD (Make a Difference)** for the upliftment of the destitute and less fortunate children in the society.
- **Science Club** -Extension activity of the department of Chemistry has its primary objective to spread awareness among students and in the locality about the various developments in science and for creating innovative ideas for various applications in science.
- Under the guidance of Mrs Geetha Nair G, the members of the **Literary Club**



visited the inmates of the Government Care Home at Chackai.

- The final year English and Communicative English students interacted with the inmates and put up an entertainment programme which included a spoof on “Shakunthala”, a dance number and a lyrical rendition of Shakespeare’s Sonnet 18.
- With a view to awaken a sense of responsibility amongst students towards their fellow citizens who are less fortunate, the department of English has launched a project, ‘**Bridging the Gap**’ in October 2013. As part of this project, a group of select students regularly visit a nearby school – St Mary’s HSS, Vettucaud to teach English to students of Class V. Our pupil teachers are encouraged to develop teaching aids and classes are taken on Fridays from 1 pm to 2 pm in the nearby schools.

3.6.2 Mechanism to Track Students’ Involvement in Social Movements

Institutional mechanism to track students’ involvement in various social movements / activities which promote citizenship roles are through the following clubs and cells:

NSS, AICUF- All India Catholic University Federation, Biodiversity Club, Bhoomithra Sena Club, Eco Club, Kuruvi Nature Club, Science Club, and Community Health Club

3.6.3 Stakeholder Perception on Performance and Quality of Institution

The institution identifies three major categories of stakeholders in the academic efforts on the campus:-

- 1) **The students and their parents**
- 2) **The University to which the college is affiliated**
- 3) **The major industrial and service organizations who recruit trained as well as generally skilled manpower from the campus**

Consultations are carried out with all the three categories, suggestions and demands are solicited, feed-backs are collected, analyzed, and re-orientation of activities is effected to meet their expectations. Parent Teacher meeting is also arranged. Student’s feedback is taken into consideration for the academic activities. Suggestion / Complaint box is placed at various places on the campus which are accessible to students. Teacher/ Head of the department/ Principal interact with the guardians. The institution arranges regular staff meetings to keep the staff updated about changes and developments of the institute.

3.6.4 Organization of Extension and Outreach Programmes

- The extension activities listed earlier including Kuruvi Nature club, Eco club etc. are being carried out under the auspices of the departments of Zoology and Botany respectively.
- The Bhoomithra Sena Club receives a recurring financial assistance of Rs.10,000/- per year from the Department of Environment and Climate Change (DoECC), Government of Kerala.
- The Biodiversity Club also receives financial support from the Kerala Biodiversity Board for the upkeep of Santhisthal and its associated activities.
- The extension activity with budgetary provision is National Service Scheme (NSS) with budgetary allowances for regular and camp activities.



The budgetary details of the last five years

Sl. No	Year	Grand Received (₹)	Regular Activities (₹)	Camp Activities (₹)
1	2009-'10	89,000/-	44,000/-	45,000/-
2	2010-'11	89,000/-	44,000/-	45,000/-
3	2011-'12	89,000/-	44,000/-	45,000/-
4	2012-'13	89,000/-	44,000/-	45,000/-
5	2013-'14	89,000/-	44,000/-	45,000/-

The Regular Activities of the NSS Units in the College cover

1. Education programmes/ orientation programmes
2. Environmental and Agricultural programmes
3. Health programmes and Legal literacy programmes
4. Training programmes and Awareness programmes
5. Blood Donation Camps
6. Old Age home visit and Care and Share programme
7. National Rural Health Mission and Red Ribbon Club
8. Kerala Aids Control Society

3.6.5 Participation of Students/Faculty in Extension Activities

Each year, about 200 students (2 NSS units) are enrolled in NSS. These students are given orientation about the annual programme to be conducted for the year. Weekly meetings are held to assess the activities of the scheme and to set new goals. The students are encouraged to undertake outreach programmes.

3.6.6 Social Surveys, Research/ Extension work undertaken by the college

The departments have undertaken a series of programmes to promote social justice and empowerment among the neighborhood to help them in their problems and difficulties, when and where possible. The management is also engaged in rehabilitation activities like building houses, toilets etc.

Activity	Target Group	Impact
Management, PTA, OSA, ASCATA and Staff		
Built three houses	Poor and needy	Provision of basic need
Department of Environmental Sciences		
Beach Cleaning at Sanghumughom Beach	Local Residents of Sanghumugham	Cleanliness Drive
Environmental Survey - Impact of Water Pollution from Travancore Titanium Products	Local Residents of Kochu Veli and Vettucaud	Environmental Awareness
Socio-Economic and Health Survey - Effects of air pollution from Travancore Titanium Products	Local Residents of Kochu Veli and Vettucaud	Database prepared on health status of students and local residents
Water Quality Testing	Residents nearby the Institution	Periodic assessment of water quality of potable as well as surface water
Department of Botany		
Distributed vegetable saplings	Adopted Karikkakom village Kudumbasree Unit	Awareness to create a pesticide free Kitchen garden to grow organic vegetables
Talk on maintaining kitchen garden		



Department of Commerce		
Talk on Health and Hygiene	Adopted Karikkakam School	Awareness on Health and Hygiene
Talk on Safety awareness tips for using LPG	Kudumbasree unit at Karikkakam Village	Awareness on safe and precautions use of LPG
Mosquito Control Programme	Adopted Karikkakam Village	Issued nets to cover wells for preventing mosquito breeding
Awareness programme “Build a Biogas plant for your home”	Adopted Karikkakam Village	Talk by students with the help of chart and learning aids
Anti plastic Rally	Adopted Karikkakam Village	Anti plastic rally with slogans and plug cards
Department of English		
English Bridge Course	Students of St. Mary’s HSS, Vettucadu	Improving English language skills.
Visit to Orphanage	Orphans of Ananda Nilayam	Material Aid in the form of stationery and daily essentials.
Department of Mathematics		
Every Friday students Maths conduct classe in Mathematics	Students of Vettacaud School in the locality	Special classes for economically backward students in the subject
Conducted a talk n “ Health Tips”	School students of Vettacaud	Awareness on basic health and hygiene
Department of Physical Education		
Sports students conducted Yoga classes	Students of adopted Karikkom & Vettacaud	Awareness of personal flexibility and concentration
Prof. Nayana Anand conducted class on Aerobics	At fitness club at Palayam	To promote awareness on physical conditions
Hand Ball students conducted coaching camp	For Vettacaud school children	To teach them the skills in Hand ball
Department of Zoology		
Training in Aquarium Management and Ornamental Fish Culture	Impoverished and Unemployed Women of the Karikkakom Village	To help them in self-employment and income generation
Department of Chemistry		
Talk on ‘Experiments in Everyday chemistry”	Students of adopted Karikkakom school	Recognizing the manifold uses of chemistry in life
Hands on skill Classes on Soap making	Women of adopted Karikkakom Village	Providing women with self employment
Class on food safety and adulteration	People of adopted Karrikakom village	Awareness- conditions of food and its side effects
Department of History & Politics		
Classes on Human Rights Awareness	School students of city school, Christ Nagar	Understanding the importance of Human Rights
Legal Awareness Class	Parents of students	Awareness on laws
Department of Economics		
Each One Teach One – The school adoption programme	karikkakm village school and Vettacaud school	To enable bridge the learning divide among the school children.
‘Shikshana’ - equivalency classes for the adult dropouts by the student volunteers	Adult drop outs registered under ‘Athulyam’ Programme	Providing opportunity to adult learners to crack the equivalency exam



'Go Digital'- Total e-literacy campaign	Socially unemployed deprived women from the coastal belt, of the locality, inmates of refugee homes-Mahila Mairam, Sree Chithra	Imparting awareness to the socially deprived and Enhancing the digital knowhow
'Kaushal All Saints'- The skill enhancement and craft making training programme –	Poor Home and	To enhance the employable skills of women training them in craft making occupation to venture into micro enterprises for self
'Learn a Craft'- programme	Abhaya, Thanal- home for the Handicapped Women.	
'See to Feel' Programme		
'Janapatham'	BPL families of Veli Panchayat	To raise awareness of the quality of life
Department of Physics		
Final year degree students took classes on " Basics in "Physic	School children in karrikakom village	To instigate scientific temper
Survey of electricity usage in nearby households	Local people of adopted karrikakom village	Reduction of electricity as Energy Conservation Initiative

The NSS volunteers engage in house visits and surveys on the living status, the problem they face and their requirements. When and where possible they also engage in rehabilitation activities such as building houses, toilets etc.

3.6.7 Values and Skills Inculcated through Extension among Students

As a result of the extension activities the students have gained a social and environmental commitment. To sum up:

- Apart from the Extension activities mandatorily undertaken under the curriculum, the college is engaged in social service and outreach programmes under the aegis of NSS
- Development of social interaction skills is a manifest outcome
- Self-esteem, financial independence, social orientation and community interaction are the values inculcated in them
- Improved their leadership potential
- Provided service to the community and organizations in the neighborhood of the College
- Social commitment to supplement their learning with outreach
- Awareness of social problems prevalent
- Inculcate team spirit and co-operation
- Realizing the hard reality of life of the less privileged fellow citizens

3.6.8 Initiatives of the Institution to Encourage Community Participation in Outreach Activities

Faculties are in charge of the extension activities introduced in the college. The students of the clubs are formally registered. Meetings are organized to plan out activities and to give insight to the new action plans drawn. Students actively participating in the club activities are given opportunity to attend programmes organized outside the institution too. The main outreach activities regularly undertaken associated with the NSS units functioning in the college are

- National Integration Camp
- Associating with the railway department in tree plantation drives
- Regular voluntary Blood Donation Camps



- Special Adventure Training Camps
- Organizing free medical camps in the college- Eye checkups, Breast cancer awareness programme, Skin care, Life style diseases, etc.
- Distribution of food packets weekly to the inmates ‘Aakasaparavakal’ – Old Age home located at Cheruvettucaud region.
The other activities also include-
- A community benefit programme in “Ornamental Fish Culture” conducted by the dept of Zoology - aquascaping, aquarium construction programme, fish feed preparation and fish breeding is taught to the people in the locality
- A free consultancy called ‘Aquaclinic’ conducted every Friday by the department of Zoology.

3.6.9 Constructive Relationships with Other Institutions of the Locality

- The college functions as a nodal agency for Bhoomithra Sena Club scheme of the Department of Environment and Climate Change. The Kerala State Biodiversity Board has sanctioned a scheme named ‘**Santhisthal**’ for preserving endangered plant species under the Biodiveristy Club in the college.
- ‘Ornamental Fish Culture’ undertaken as add-on course of UGC.
- Kuruvi Nature Club - registered with WWF, India. The members of the club participate and collaborate in all the activities organized by WWF. The WWF also supports the club in all its activities.
- Bird watching programmes organized regularly in the Friday Forum
- Under the auspices of the NSS the college units have undertaken to restore many abandoned fresh water bodies in the vicinity.

3.6.10 Awards Received by the Institution for Extension Activities

Award	Awarding Agency and Purpose
Institution	
Mother Theresa Award, 2012 Silver Jubilee Award	All time Educational Achievement to All Saints’ College - Lateen Katholika Aikya Vedi
Certificate of Appreciation (2012-13)	Exemplary services of NSS- Uty of Kerala
Award for maximum voluntary blood donation camp, 2012-13	Kerala State Blood Transfusion Unit
Certificate of Recognition, 2013	Highest Voluntary Blood Donation Camps, Sree Chitra Thirunal Institute for Medical Sciences and Technology(SCTIMST), Tvm.
Best Science Exhibitor, 2013	Kerala Science Congress (Sasthra Jalakom, Science Expo, Trivandrum.
Certificate of Appreciation (2013-14)	Exemplary services for NSS Unty. of Kerala
Certificate in Recognition, 2014	Voluntary Blood Donation Camps - SCTIMST, Trivandrum
Letter of Appreciation	Providing food weekly for Old Age Home, Poojappura and Aakasapparavakal.
Award for Leadership (2013-14)	All Kerala Blood Donors Society (KEBS) Voluntary Blood Donation
Recognition for outstanding support (2013-14)	Terumo Penpol- Voluntary Blood Donation
Certificate of Appreciation -2013-14	Deputing volunteers in Cleanliness campaign at Kochuveli Railway Station.



Certificate of Appreciation	Organizing ‘Cancer Awareness Programme’ (KIMS Pinnacle Comprehension Cancer Counter and Lourdes Matha Care
Best NSS Unit in Kerala University	Kerala University
Award of Merit – Regional Competitions 2015	Inter-University Competition on Water Resources Management at Regional Level conducted by Teri University Delhi.
Manager	
Best Manager Award (2014)	Royal Rotary Club of Trivandrum
Vishishta Sevarethna Award, 2015	Latheen Katholikka Aikya Vedi
Educational Excellence Award (2105)	Latheen Katholikka Aikya Vedi (LKAV)
Principal	
Rajiv Gandhi Smruthy Puraskar 2013	Rahul Gandhi Darsan Sang, Trivandrum
Prakruthy Mithra Puraskar, 2015	Social Forestry Division
Faculty	
Best Programme Officer Award in 2012	Dr. Mary Mettilda Rose V.
“Young Scientist Award in Physical Sciences” (2012-2013)	Dr. P S Anjana Constituted by KCSTE Committee
Best Programme Officer Award (2014) by University of Kerala	Dr. J. K. Reshma
‘FLAIR International Intern’, Higher Education Department, Govt of Kerala	Dr. Ayona Jayadev

3.7 Collaboration

3.7.1 Institutional Benefits Accrued from Collaborative Research

As members of the faculty who have registered for doctoral research are carrying out their work at prestigious Research Laboratories:

- There exists a fruitful and useful interaction with various institutes for research as well as training for the faculty.
- Some of the students of the Post Graduate Department carry out a part of their project in collaboration with institutes like Kerala Agricultural University, Centre for Geo-informatics, University of Kerala.
- The Department of Environmental Sciences has recently started three collaborative research programmes with International and Inter-University Centre for Natural Resources Management (IUCNRM).
- One of the faculty members has been recently selected by the Department of Higher Education as FLAIR International Intern.

3.7.2 MoUs/ Collaborative Arrangements that have Contributed to the Development of the Institution

There are two Collaborative Research Activities in the department of Environmental Sciences with IUCNRM and one in the department of Economics with World Bank which have provided opportunities for the students and faculty to work in laboratories outside the college that help the institution, faculty members and the students to build a good rapport to enable growth of future research and development.

3.7.3 Industry-Institution-Community Interactions for up-gradation of Academic facilities for Student and Staff Support

Various Departments of the collage takes students for visits to factories, industries etc.



- The department of Environmental Sciences takes students on visits to environmentally important sites to provide a platform for the students to interact with community in environmentally affected areas.
- The faculty members have projects both major and minor from funding institutions like UGC, DST, and KCSTE that helped the institution to increase facilities in terms of equipment, books, chemicals and lab wares.
- The institution has partnered in the programme ASAP (Additional Skill Acquisition Programme) initiated by the Government of Kerala. Six faculty members were trained for the same and are certified ASAP trainers.
- The courses of IGNOU are coordinated by two faculty members from the department of English.
- Five faculty members from the department of English attended the training programme of Walk With a Scholar (WWS), an initiative of Government of Kerala.
- Five faculty members from the department of English attended the training programme of Student Support Programme (SSP), a Government of Kerala initiative.
- Thirteen faculty members from various departments of the college were selected for the training of Fostering Linkages in Academic Innovations and Research, 'FLAIR'- a new initiative of the Government of Kerala for the enhancement of standard of Higher Education in Kerala.
- One of the faculty members of the college was selected for International Internship under 'FLAIR' programme and successfully completed internship in Shaffield Hallam University, Sheffield, UK.

3.7.4 Eminent Scientists who contributed to National and International Conferences organized by the college in the last five years

Sl. No	Name of Academician/ Scientist and Designation	Organisation	Event
Department of Environmental Sciences (2010-2015)			
1	Dr.V.R.Prakasam, Reader	University of Kerala	Invited Lecture-
2	Dr.Ajay Kumar Varma, Scientist	Centre for Earth Science Studies	Invited Lecture
3	Mr. Tirtha Prathim Das, Scientist	VSSC, Valiamala	Invited Lecture
4	Mr. Renjan M V, State Director	WWF-India, Kerala State Office	Invited Lecture
5	Mr. Harikumar, Prog. Co-ordinator	Energy Management Centre – Kerala	Invited Lecture
6	Dr.V,Salom G T, Asst. Prof.	University of Kerala	Invited Lecture
7	Vinod Kotabagi, Legal Advisor	Bangalore	Invited Lecture
8	Mr. Praveen, Scientist	NIIST, Pappanamcode	Invited Lecture
9	Mr. Safikh, Prog. Co-ordinator	Patent Information Centre-Kerala	Invited Lecture
10	Dr. Thrivikramji. K.P, Prog. Dir.	Centre for Env't and Development	Invited Lecture
11	Dr.Vinod, Prog. Director	Centre for Env't and Development	Invited Lecture
12	Smt. Lakshmi H, Research Asso.Prof.	Centre for Env't and Development	Invited Lecture
13	Sri. T. P. Srinivas, Former Ambass. Of India	Executive Head of the KSHEC	Inaugural Address – National Seminar
14	Dr. Oommen V Oomen, Chairman	Kerala State Biodiversity Board	Invited lecture
15	Mr. Renjan Mathew Varghese, State Director	WWF-India, Kerala State Office	Invited Lecture
16	Dr. Beena Lawrence, Assistant Professor	Womens Christian College, Nagercoil, Tamilnadu	Invited Lecture



17	Dr. Isac Sobanaraj, Assistant Professor	N M Christian College, Marthandam, Tamilnadu	Invited Lecture
18	Mr. Vinod.S, Asst. Conservator of Forests	Social Forestry Division, Olavacode, Palakkad	Invited Lecture
19	Dr. E. Shaji, Assistant Professor	Department of Geology, University of Kerala	Department Assoc
20	Dr. Jaya D. S., Head	University of Kerala	Regional Seminar
21	Dr. Allan Thomas, Asso. Professor	Agricultural Extension Kerala Agricultural Uty	One day Regional Seminar
22	Dr.Rajesh R.,Co-ordinator	IIUC-NRM	Orientation
23	Dr. Jobin Thomas, Research Associate	IIUC-NRM	Orientation prog
24	Dr. Abin, Faculty	IIUCNRM	Orientation prog
Department of Botany (2010-2015)			
25	Shri. Binoy V, Hon'ble Minister for Forestry	Kerala Government	Inauguration of Wetland Year Prog.
26	Shri. Surendran Pillai, Hon. Minister for Ports and Youth Affairs	Kerala Government	Inauguration of Exhibition
27	Dr. Ashalatha S. Nair,Head	Dept of Botany, Uty of Kerala	Invited talk
28	Mr. Harikumar Ramadas, Vice President	Society of Energy Engineers and Managers	Invited talk on Energy Conservation
29	Dr. R.V. Varma, Chairman	Kerala State , Biodiversity Board	Workshop
30	Dr. M P Nayar, Former Director	BSI	Workshop.
31	Dr. Shaji, Scientific Officer	Kerala State Biodiversity Board	Workshop
32	Dr. P G Latha, Director	TBGRI, Palode	National Conference on Biodiversity
33	Dr. Radhakrishnan E K, Asst. Prof	School of Bioscience, MG University, Kottayam	National Conference on Biodiversity
34	Dr. K. Murugan, Reader in Botany,	University College, Thiruvananthapuram	National Conference on Biodiversity
35	Dr. Mathew Dan, Scientist	TBGRI, Palode	National Conference on Biodiversity
36	Dr. M P Nayar, Former Director	BSI	National Conference on Biodiversity
37	Dr. S Paulsamy, Assoc. Prof.	Kongunadu Arts and Science Colege, Coimbatore	National Conference on Biodiversity
38	Dr. Vasudeva Ramesh, Professor	Dept. of Forest Biology, Sirsi, Karnataka	National Conference on Biodiversity
39	Dr. A. Ajayaghosh, F. A. Sc., Scientist	NIISTechnology (NIIST) CSIR, Trivandrum	Invited talk on Nanotechnology
40	Mr. Sabu N, Florist	Thiruvananthapuram	Workshop
41	Dr. C. Sathish Kumar, Scientist	JNTBGRI, Palode	Invited Talk
42	Dr.Jomy Augustine, Prof. & Head	Department of Botany, St. Thomas College, Palai	National Seminar.
43	Mr.Rakesh V, Botanical Assistant	Botanical Survey of India, Coimbatore	National Seminar.
44	Dr. Shirly Raichal Anil, Sr. Scientist	CTCRI, Sreekariyam, Thiruvananthapuram	One Day workshop on Tissue Culture
45	Mrs. Mini C. L, Agricultural Officer	Agricultural Department, Kudappanakkunnu	Invited talk
46	Mr. Binulal, Coordinator	Agricultural Department, Kudappanakkunnu	Invited talk
47	Dr. P J Mathew, Scientist	JNTBGRI, Palode.	Invited talk
Department of Zoology (2010-2015)			



48	Dr. T.V.Anilkumar, Scientist	SCIMST, Tvm	Zoology Association
49	Mr. G. Rajendran, Senior Taxidermist	(Rtd), Museum & Zoo, Trivandrum	Invited lecture
50	Dr. Anilkumar, Scientist	CMFRI, Marine Aquarium, TVM	Regional Seminar –
51	Dr. Benno Periera, Asso. Prof.	St. Albert's College, Ernakulum	Regional Seminar
52	Dr. Biju Kumar, H.O.D	Dept. of Aquatic Biology & Fisheries, Uty of Kerala, TVM	Regional Seminar
53	Dr. Maya Vincent, Senior Consultant	Centre for Dermatology and Cosmetology, Tvm	- Zoology Association
54	Dr. Sudheer, Hon. Director	Planning & Development, University of Kerala	Regional Seminar -
55	Mr. Sanjeeva Ghosh, Additional. Director	Dept of Fisheries (Rtd), Govt. of Kerala.	Regional Seminar
56	Dr.R.V.Varma, Chairman	Kerala State Biodiversity Board	Work shop
57	Dr.M.P.Nayar, Former Dir	Botanical Survey of India.	Workshop
58	Dr.Shaji. C P, Sci. Officer	Kerala State Biodiversity Board	Workshop
59	Dr. Ramakumar, Prof & Head	College of Veterinary Science, Haryana	Zoology Exhibition-Lecture
60	Dr.P. Natarajan , Director	Centre for Aquaculture Training, Education, Extension and Research, Ambo University, Ethiopia.	International Seminar-“Arid land aquaculture in Tigray Region, Ethiopia”
61	Dr.P. Kesavanath, Director	Kerala University of Fisheries and Ocean Studies, Panangad, Kochi.	International Seminar
62	Mr. Selvam.R.Nath, Head	Department of Marine Biology and Fisheries, Asmara University, Eritrea	International Seminar
63	Dr. Ebanasar. J, Associate Professor	Dept of Zoology and Wild life Biology, Govt. Arts College, Ooty, Tamilnadu.	International Seminar
64	Dr. Reji Jose , Prof. of Community Medicine, Tvm.	Sree Gokulam Medical College and Research Foundation, Venjaramoodu	Invited lecture
65	Smt. Mini Antony. IAS., Director	Department of Fisheries and Public Relations Department, Government of Kerala	Workshop
66	Dr. K.K. Ramachandran, Chairman	Kerala State Council for Science, Technology and Environment, TVM	Regional Seminar
67	Mr.Ajayan , Director	Kerala State Matsyafed and Additional Joint Director of Fisheries.	Inaugurate fish farming in the college campus
68	Dr. A. Abraham , Consultant	Neuro Linguistic Programming, Trivandrum	Zoology Association
69	Sri.K. Babu , Hon. Minister for Fisheries	Ports and Excise, Government of Kerala	International Seminar
70	Dr.Rani Mary George, Head	CMFRI, Vizhinjam, Thiruvananthapuram	Workshop on
71	Dr.Manoj Sankar, Sr.Consultant	Psychologist	Zoology Association
Department of Physics (2010-2015)			
72	Dr. Anil Bhardwaj, Scientist	Space Physics Lab, VSSC	Invited Lecture
73	Dr. Achut Sankar S Nair, Head	Dept. of Bioinformatics, Kerala University	Invited Lecture
74	Dr. Sudha R., Scientist	Space Physics lab, VSSC	Physics Association
75	Dr. M T Sebastian, Dy. Dir	N IIST (CSIR), Tvm.	Physics Association



76	Dr. A Jayakrishnan, Vice Chancellor	University of Kerala	National Seminar
77	Dr. Sebastian M T, Scientist	Materials and Minerals Division, NIIST, Tvm	National Seminar
78	Dr. V R K Murthy, Director	Department of Physics, IIT, Chennai	National Seminar
79	Dr. Manoj Raama Varma, Sr. Scientist	N IIST (CSIR)	National Seminar
80	Dr. Prince P R, Assistan Professor	Government Arts College, Trivandrum	National Seminar
81	Dr. Gouri C, Scientist	Li-ion and Fuel Cell Division, VSSC, Tvm	National Seminar
82	Dr. Biju V, Assistant Professor	Department of Physics, Unversity of Kerala, Tvm	National Seminar
83	Dr. Prince P R, Assistant Professor	Government Arts College, Trivandrum	Physics Association Inauguration
84	Dr. Ananda Kumar, Associate Professor	MG College, Trivandrum	Physics Association Inauguration
85	Dr. M. N. S Nair, Prof. (Rtd)	MG College, Trivandrum	Invited Lecture
86	Dr. B R Sekhar, Scientist	Institute of Physics, Bhubaneswar	National Seminar
87	Dr. N V Nair, Prof. (Rtd.)	M G College, Trivandrum	National Seminar
88	Dr. Hemendra Arya, Scientist	Dept. of Aerospace Engg IIT, Mumbai	Invited Lecture
89	Dr. K. Sudhakar, Director	Dept. of Aerospace Engg IIT, Mumbai	Invited Lecture
90	Mr. G Arul Jerald P, Director	KSST Museum, Tvm	Invited Lecture
91	Dr. K. Surendran, Scientist	NIIST(CSIR)	Association Inaug.
92	Dr. K. P Surendran, Scientist	N IIST (CSIR), Trivandrum	Physics association
Department of Chemistry (2010-2015)			
93	M. C. Thresiamma, HOD	Department of Chemistry	Association Inaug
94	Dr. Salahudhin Kunju, HOD	University College, Tvm	Invited Talk
95	Dr. K. M. Usha, Head	VSSC	Chemistry Association
96	Prof. O. Thomas, Rtd. Prof.	Govt College for Women	Invited Talk
97	Dr. A Jayakrishnan, VC	University of Kerala	National Seminar
98	Prof. Dr. V R K Murthy	IIT Madras, Chennai	National Seminar
99	Dr. Sebastian M T	NIIST, Trivandrum	National Seminar
100	Dr. Manoj R Varma	NIIST, Tvm	National Seminar
101	Dr. C Gouri, Scientist	VSSC, Tvm	National Seminar
102	Dr. Biju, Asst. Professor	University of Kerala	National Seminar
103	Dr. Prince P R, Asst. Prof.	University College, Tvm	National Seminar
104	Dr. Abraham G, Rtd. Prof.	Mar Ivanios College	Association Inaug
105	Dr. A. Simi, Asst. Prof.	Noorul Islam Uty, Nagercoil	Invited Talk
106	Dr. R. S. Joseyphus	St. John College, Anchal	Invited Talk
107	Prof. C. S. P Iyer, Scientist	NIIST, Tvm	Association Inaug
108	Dr. M. R. Sudarsan, Prof.	Mahatma Gandhi College, Tvm	Association Inaug
109	Prof. Dr. K Mohan, Professor	University of Kerala	National seminar
110	Dr. C Justin Dhanaraj, Prof.	Anna university, Tamil Nadu	National seminar
111	Dr. Sam Solomon, Asso. Prof.	St. Johns College Anchal, Kerala	National seminar
112	Dr. A Simi, Asst. Prof.	St Joseph college Trichy, TN	National seminar
113	Dr. S Murugan, Retd. HOD	Hindu College, Nagercoil	Work shop
114	Dr. S. Sudhakumar, Prof.	Hindu College, Nagercoil	Work shop
115	Dr Simi A, Faculty	St Josephs College Trichy,	Invited Talk
116	Dr V Rajashekaran Pillai, Executive Vice President	K SCSTE, Govt. of Kerala, Sasthra Bhavan	International Conference
117	Dr. G. J. Sanjayan, Scientist	National Chemical Laboratory, Pune	ICEFCC-2014
118	Dr. M. R. Prathap K, Prof.	CUSAT, Kochi	ICEFCC-2014



119	Prof. Dr. Jose Rajan, Faculty	(FIST), University of Malaysia, Kuantan, Malaysia	ICEFCC-2014
120	Dr. M. Sithambaresan, Lecturer	Eastern University, Sri Lanka	ICEFCC-2014
121	Dr. M. R Sudarsanakumar Asso. Professor,	Mahatma Gandhi College, Thiruvananthapuram	ICEFCC-2014
122	Prof. Dr. C. Karunakaran, Scientist	Annamalai University, Tamil Nadu	ICEFCC-2014
123	Dr. G. M. Anil Kumar, Prof.	R & D Centre, Noritake, Japan	ICEFCC-2014
124	Dr. J. Mary Gladis	IISST, Tvm	ICEFCC-2014
125	Dr Jeya Ephraim Grand, Project Scientist	Engineering & Informatics, University of Bradford, UK	ICEFCC-2014
126	Dr. K. Anoop Krishnan, Scientist	Centre for Earth Science Studies, Akkulam, Kerala	ICEFCC-2014
127	Dr. T. S Anirudhan, Dean	University of Kerala	ICEFCC-2014
128	Dr. I.G. Shibi, Associate Professor	Sree Narayana College, Chempazhanthi, Tvm	Association Inauguration
129	Dr. G. M. Anil Kumar, Scientist	R & D Centre, Noritake, Japan	ICEFCC-2014
130	Dr. I.G. Shibi, Asso. Prof.	Sree Narayana College, Tvm.	Association Inaug
131	Dr. T P D Rajan, Sr. Scientist	CSIR – NIIST, , Tvm	(REACS-2015)
132	Dr. S Balachandran, Prof.	MG College, Tvm	(REACS-2015)
133	Dr. K B Ramesh Kumar, Scientist	JNTBGRI, Palod	(REACS-2015)
134	Dr. Sudarsan, Asso. Prof.	Mahatma Gandhi College, Tvm.	(REACS-2015)
135	Dr. Sreeja Kumari, Scientist	CECRI, Karaikudi, Sivaganga	(REACS-2015)
136	Dr. Subhadeep B, Asst. Prof.	Birla Inst of Tech & Science, Goa	(REACS-2015)
137	Dr. Sreejalekshmi, Asst Prof.	IIST, Tvm	(REACS-2015)
138	Dr. V Sadasivan, Asso. Prof.	University College, Tvm	(REACS-2015)
Department of Mathematics (2010-2015)			
139	Dr. Andrea Philippou, Prof.	Professor of Emeritus	International seminar
140	Dr. Sathesh Kumar, Asso. prof.	Kerala University	International seminar
141	Dr. E Krishnan, Retd. Prof.	University College, Tvm	Inte collegiate quiz
142	Dr. Sindhu U, Asso. Prof.	Xavier University, USA	International seminar
143	Dr. A R Rajan, Head	Dept. of Mathematics	National seminar
144	Dr. Aji S, Asst. Professor	Dept. of computer Science	National seminar
145	Dr. Sivakumar, Asso. Prof.	Mar Ivanios college	National seminar
146	Dr. Madhukar M, Asso. Prof.	Mar Ivanios college	National seminar
147	Dr. Varghese A, Asso. Prof.	Mar Ivanios college	National seminar
148	Dr. Sunny A, Asso. prof.	KMA Secretary	National seminar
149	Dr. Sunitha Kumari, Dir	Higher secondary education	Invited talk
150	Dr. Savithry S., Scientist	RRL	National seminar
151	Dr. Mary George, Asso. Prof.	Mar Ivanios college	Invited talk
152	Dr. Babu S, Asso. Prof	University college	Invited talk
153	Dr. Sumesh SS, Asst. Prof.	St. Johns college Anchal	National seminar
154	Dr. James A, Professor.	Mar Ivanios college	National seminar
155	Dr. Arun Surendran, Director	Trinity College Pravachambalam	Invited talk
156	Dr. Suresh Singh, HOD	University of Kerala	Invited talk
157	Dr. A. R. Rajan, Professor	University of Kerala	Invited talk
158	Prof. Sumesh S. S. Asst. Prof.	St John's College Anchal	Invited talk
159	Dr. Beena V. T. Asso. Prof.	Govt. College for Women, Tvm	Invited talk
160	Dr. Beena V. T. Asso. Prof	Govt. College for Women, Tvm.	Invited talk
161	Dr. Mary George, Asso. Prof.	Mar Ivanios College, Tvm	Invited talk



162	Dr.Manilal S, Asst.Prof.	University college Tvm	Invited talk
163	Dr.V M. Metilda R, Principal	Trinity college of Engg	Invited talk
164	Dr.Achuth Sankar S. Director	Centre for Bio-Informatics	National Seminar
165	Dr.Aji.A, Asst. Prof.	University of Kerala	National Seminar
166	Dr.Sivasankar, Asst. Prof.	Amrita Viswa Vidyalaya Peeth	National Seminar
167	Dr. Sumesh S, Asst. Prof.	St.Johns college Anchal	National Seminar
Department of English (2010-2015)			
168	Dr. Jaishree Misra, Novelist	Indian Author	Litt & debating club
169	Dr.Babitha Justin, Reader and Head	Dept of Humanities, IISST	Lecture conducted by literary club
170	Gurda Kristy, Eminent Poet	Iceland	Poetry reading
171	Sampurna Chattejee, Poet	Indian author	Poetry reading
172	Dr.Babu Paul. Former Civil servant	Government of Kerala	Literary and Debating club
173	Tarun James Jimani, Novelist	Indian author	Invited Lecture
174	Dr.George Onakoor Writer	Malayalam writer	Poetry reading
Department of Commerce (2010-2015)			
175	Mr. Harikrishnan, Chairman	ICSI Pattom Branch	Invited Lecture
176	Mr. Omanakuttan, Director	Tax Studies Centre Ulloor	Invited Lecture
177	Dr. Jayamoni	CUSAT	Invited Lecture
178	Dr. K.Sasikumar	University of Kerala	Invited Lecture
179	E.R.Sanil Kumar, Manager	Metlife insurance	Invited Lecture
180	Rema Ramamorthy	NIIT	Invited Lecture
181	Mr.M.C Jacob CGM	SBT	Invited Lecture
182	Harisankar S.K, Manager	Zayan Infotech, Technopark	Mock Interview
183	Chinthu Mohan, Manager	Marketing CZ ,technopark	Quality of Work Life
184	R.Sreedhar, Hari, Chartered Account	Institute of Chartered Accountant	Course awareness programme on CA
185	Mr.Fenil Vadakken,Director	CIMA	Invited Lecture
186	Omaakuttan S, Dir	TSCS Ernakulam	Invited lecture
187	Shone Babu, Asst.Manager	ISDC Global	Invited lecture
188	CA Ramakrishnan, Manager	Pearson Education Services P(Ltd)	Workshop
189	Mr.Omana Kuttan.S Director,	Tax Study Centre	A talk on the course "Tax Practitioners"
190	Mr. Anil P.S, Associate professor	Gnanam School of Business,Thanjavoor	Invited Talk
Department of History & Politics (2010-2015)			
191	Padma Ramchandrn Ias, Chief Secretary	Kerala & Former District Collector Of Trivandrum	Association Inauguration
192	Dr Shaji, AssoProf. of History	S N College, Chempazhanthu	Invited Talk
193	Dr Manju S Nair, Asso. Prof.	University of Kerala, Kariavattom	Seminar
194	Dr Rajend, Scientist & Archaeologist	University of Kerala, Kariavattom	History Association Inauguration
195	Dr Karthikeyan N, Former Director	University College, Tvm	Talk on Historical Writing
196	Dr J Devika, Asso.Prof.	CDS, Tvm	Women's Studies
197	Dr N Radhakrishnan,	Kerala Gandhi Smaraka Nidhi	Invited Talk
198	Dr T. P. S Nair, H.O.D.	University College, Tvm	Association Inaug
199	Prof B Vasumathy Devi, HOD.	University of Kerala, Tvm	Association Inaug
200	Elias John, Political Journalist.	Media	Possibilities of Vizhinjam Port
201	Ms Aruna S. Ias, Addtl. Chief Sec.	Govt of Kerala & M D, KSIDC, Tvm	National Seminar Inaugural Address



202	Dr Surya Kumari A. Former Prof. & HOD	Mother Teresa Women's Unty, Kodaikanal	Resource Person of National Seminar
203	Dr N R Madhava Menon	Nlsiu Bangalore	Invited Lecture
204	Dr T N Seema, MP	M. P.	National Seminar
205	B Sudheendra K, District Judge	Legal Service Authority	Legal Awareness Programme
206	Pratheep Kumar, Secretary	Legal Service Authority	Legal Awareness
207	Dr B Sandhya Ips,	ADGP	Invited Lecture
208	Dr M A Siddique, Asst. Prof.	Karyavattom College	Invited Lecture
209	Dr Mohammed Maheen, HOD	University of Calicut,	Folk Lore & Myths
210	Dr Geetha Rani, Chairman	Principal Govt. College for Women	Association Inaug
211	Dr Muhammed M, HOD	University of Calicut	National Seminar
212	Major Toshly	Pangode Military Camp	Invited Lecture
Department of Economics (2010-2015)			
213	Dr. Nagaraja Naidu, Member	Govt of Kerala	Panel Discussion
214	Dr. Narayana, Prof. (Rtd.)	CDS, Trivandrum	Panel Discussion
215	Dr. Thomas M Registrar	Gulati Institute of Finance and Taxtion	Panel Discussion
216	P N Paniker Foundation	Govt of Kerala	Digital Literacy
217	P N Panicker Foundation	Govt of Kerala	Crafts Training
218	P N Panicker Foundation	Govt of Kerala,	Crafts Training
Departmnt of Hindi 2010-2015			
219	Dr. Molly Georgina, Prof. (Rtd)	All Saints College, Tvm	Hindi Association

3.7.5 Details on Linkages/ Established

- ASAP (Additional Skill Acquisition Programme) of the Department of Higher Education have helped student to learn skills for making an earning and almost 85% of the participants have been absorbed in various industries.
- The institution conducts nine courses of IGNOU.
- Has a recognized center for need based Career Oriented Courses like Computer Operator and Processing Assistant (COPA), affiliated to (NCVT), Govt of India; Certificate courses like Diploma in Computer Applications (DCA) affiliated to (CCEK), Govt. of Kerala
- One faculty member of the college has been sent for International Internship in Sheffield Hallam University, UK
- Thirteen faculty members of the college are FLAIR members and are given trainings regularly on various areas:
 - a) Curriculum development/enrichment
 - b) Internship/On-the-job training
 - c) Student Placement
 - d) Faculty exchange and professional development
 - e) Research, Consultancy, Extension and Publication
 - f) Student Placement and Twinning programmes
 - g) Introduction of New Courses

3.7.6 Systemic Efforts of the Institution Linkages/ Collaborations

The institution is trying to implement initiatives like linkages and collaborations. Both faculty members and students are encouraged to apply for new initiatives when and where available.



CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Infrastructure to Facilitate Effective Teaching and Learning

The college covers 36 acres of land and is always keen to enhance the infrastructure to make teaching–learning effective. Infrastructure is upgraded to facilitate the newly introduced programmes as well as, when revision in the curriculum of existing courses is introduced. The institution has a transparent mechanism administered through the College Council and IQAC, each with sufficient representation of teaching faculty. These committees together with the Management put forward necessary proposals for infrastructure development to meet the growing needs of teaching and learning in the education sector. Every effort is made to procure funds from UGC and other funding agencies like Department of Science and Technology, National Bank for Agriculture and Rural Development, Department of BioTechnology & Kerala State Council for Science Technology and Environment for the purpose.

Situated away from the hustle and bustle of the metropolis, the campus provides a pleasant and intellectually stimulating ambience. Moreover, the absence of multiple structural layers due to the proximity of Trivandrum International Airport provides streamlined communication and interpersonal interaction between various streams, making the organization more nimble and efficient.

4.1.2. Facilities available for Curricular and Co-curricular activities

a) Curricular Activities

The institution has been appreciated for over the years by numerous parents owing to its excellent services and well maintained infrastructure.

The Main Block- is composed of Administrative Office, Principal's room, Parlor, Audit Cell, Counseling Cell, IQAC, DTP & Reprographic Center, Exam Cell, Recreation Hall and Visitors' Room. It also houses Department of Chemistry & its laboratory, Department of Mathematics & Statistics and Department of Languages all on the ground floor. The first floor accommodates the Departments of Physics, Botany & Zoology and flanked to it are its spacious and well- equipped laboratories. The Post Graduate Department of Environmental Science on the same floor possesses an artistically and productively designed lab and a highly improvised library. The Department of English which offers both UG & PG courses is endowed with a fabulous library on the same floor.

Block A: It accommodates the Department of History & Politics, the Department of Economics & the Department of Physical Education. It also has the Career Guidance & Placement Cell and a Multi Purpose Hall.

Block B- An attractive garden & its fountain beautify it with its scenery and fresh air. The **NSS room** can be found on the ground floor where most of the social service activities take place. Adjacent to it is a well equipped **Infirmary** that provides first aid to the student in need, under the supervision of a full time nurse. The ground floor also includes a very spacious Seminar Hall which can be changed into a multipurpose hall for workshops and other activities.



The Computer Lab itself has over 25 computers, where the students can access the Professional Software that allows them to use modern technology in learning and in producing a variety of qualitative work. Students can work in the lab on subject-related projects, under the supervision of teachers.

The Language Lab is specially designed with 37 systems and is equipped with the Language software. The lab is used to enable students to learn correct pronunciations of English or any other language. There is a provision of a master control board where teachers listen to and correct any student individually.

The General Library with internet connection, e- journals, INFLIBNET etc is a proactive learning area where students and teachers have access to a wide range of resources in an array of formats in order to cater to all their learning needs. The collection and services of the Library are aimed at developing students' reading and research skills thereby helping them to become creative and lifelong learners. It has over 6 computers, where the students can access the Professional Software that allows them to use modern technology in learning and producing a variety of qualitative work.

Block C: It accommodates a well equipped college store, the canteen, the Gymnasium and a Vocational center with Tailoring and Beautician Unit.

Block D: Adjacent is the Auditorium that has its own style with a mélange of various programmes. Apart from the Department of Commerce and its Postgraduate library and reading space, the two- storey building also incorporates Computer Centre, IGNOU Study Centre and a Materials Science Research Laboratory.

Classrooms and Technology Enabled Spaces

The College has sufficient number of well-furnished classrooms. Each department has an ICT enabled class room equipped with computer and projector. Computers with internet facility are provided to all departments. The English Language Lab, Common computer facility labs and e-learning facilities are other technology enabled learning spaces which can be availed by the students.

Staffrooms

Well furnished and spacious departments with individual library & Wi-fi kindle the research environment of the teachers. All staffrooms are equipped with computers with internet and printing facilities, desks with cabinets, cupboards and other amenities.

Seminar Halls

- ❖ An Audio Visual Room with Computer, Projector and a TV set which is air conditioned with podium, a public address system is well maintained for seminars and conferences.
- ❖ A Recreation Hall with computer projector and public address system for seminars, competitions and other programmes.
- ❖ A well furnished Seminar Hall with projector for students is used for workshops and other activities.

Laboratories

No	Laboratories	Number	Department
1.	Science Laboratories	4	Physics
			Chemistry
			Botany
			Zoology
2.	PG Science Lab	1	Env. Sciences



3.	Plant Tissue Culture Lab	1	Botany
4.	Materials Science Research Lab	1	Physics
5.	Language Lab	1	English

Adequate laboratory facilities are provided to all science departments. The laboratories are spacious, well planned and equipped with sophisticated instruments to meet the requirements of students and teachers. Laboratories of Botany, Zoology, Physics and Chemistry are equipped with modern instruments. The Language Lab in the department of English is available for students. There is a separate lab for Post Graduate course in Environmental Sciences. A Materials Science Research Lab is attached to the department of Physics.

The college is equipped with a Computer Centre which is permanently affiliated to the National Council of Vocational Trades (NCVT), Government of India. The centre has the latest computers, software packages and a library with a good collection of books on Computer Science. The centre is equipped to handle basic and advanced courses as well. In addition to all these, there is a computer lab supported by IT Mission, Government of Kerala with 25 computers.

b) Co- Curricular Activities

Eco-friendly facilities

1. Nakshatra Garden

Nakshatra Vanam, garden with trees associated with the 27 constellations or nakshatras have been planted on 3 cents of land area near the Auditorium.

2. Mahatmaji Jaivodhyanam

It is project undertaken by the department of Botany under the sponsorship of Kerala State Biodiversity Board. A garden with endemic and common trees of Kerala on 3 cents of land is well maintained. The trees planted include endemic plants like *Gluta travancorica* (Chenthuruni), *Canaga odorata*, *Couropita guanensis* (Nagalingam) etc.

3. Medicinal and Ornamental Garden

Mother Frances Medicinal Garden is maintained again by the department of Botany under the sponsorship of PTA of the college. The garden now contains around 250 different species that have medicinal properties. Well maintained ornamental garden harbours 350 plants with beautiful flowers and foliage. All the plants are documented and labelled and it serves as an educational resource in its own right.

4. Green House

The Greenhouse situated between Block A and Block B houses a collection of non-hardy plants. It displays a living collection of plants, while serving as a valuable teaching resource. The plant collection includes orchids, cacti and succulents, ferns, begonias, bromeliads, and other warm temperate, tropical, and subtropical plants. One part of the space is converted into 'Ferndale'- a conservatory for ferns. Plants in the collection are used primarily as teaching resources and others are representatives of particular genera, families, or geographic locations.

5. Polyhouse

Polyhouse situated opposite of the Medicinal Garden functions as a conservatory of herbal medicinal plants. It serves as a germplasm conservatory of *Bacopa monniera* L. (Brahmi) collected from all over Kerala with more than 60 accessions. Other medicinal plants collection includes endemic plants like *Trichopus*, *Naregamia*, *Centella*, *Vernonia*, etc.



6. Botanical Museum and Herbarium

The department of Botany maintains a Botanical Museum where well preserved specimens of plants and plant parts are arranged scientifically. Separate sections are allotted to major plant groups like algae, fungi, bryophytes, pteridophytes and gymnosperms. Most of the specimens are collected by the staff and students of the department during the study tour conducted every year. A Herbarium is also maintained in the museum harbouring around specimens. Well preserved herbarium sheets are arranged according to Bentham and Hooker's Classification and stored in the racks of Herbarium Cabinet made of wood.

7. Zoological Museum

The department of Zoology boasts of a well-equipped museum that displays a large number of preserved invertebrate and vertebrate specimens. Some of the specimens are over forty years old and still in excellent condition. It has about 338 preserved specimens including rare ones and also stuffed animal life, skeletons of various animals including man and a variety of corals and sponges. The specimens are periodically checked and re-labeled if necessary.

8. Ornamental Fish Culture Unit

The department of Zoology has an Ornamental Fish Culture Unit (Indoor and outdoor units comprising of glass tanks and cement tanks) for the culture of ornamental fishes such as Gold fish- *Carassius auratus*, Black and white mollies- *Poecilia spheops*, Angel fish- *Pterophyllum scalare*, Zebra fish- *Danio rario*, Miss Kerala- *Sahyadria denisoni*, Guppies- *Poecilia reticulate* and African catfish. The unit is equipped with necessary fittings such as air pumps, hatchery materials and skimmer units. A wet lab is used for the experimental culture of various fishes and preparation of fish feed from locally available ingredients like fish meal, ground nut oil cake, wheat flour, rice bran etc.

Specialized facility and equipments for teaching, learning and research

1. Plant Tissue Culture Lab

The department of Botany has a well equipped Research Lab with facilities for conducting Phytochemical, Biochemical and Tissue Culture studies. The following are the major equipments available in the research lab:

- Trinocular Compound Microscope
- Revolutionary Table Top High Speed Cooling Centrifuge
- Deep Freezer (-200C)
- Trinocular Microscope with digital camera
- Stereo Zoom Trinocular Microscope with Sony Digital Camera
- Single Beam UV-VIS Spectrophotometer
- Eutech Cyberscan pH meter
- Hot Air Oven
- Water bath with thermostatic control
- Electronic Balance
- Autoclave
- Laminar Air Flow Chamber
- Double Distillation Unit

2. Material Science Research Lab: The department of Physics has a well equipped Research Lab setup under the UGC Project. The Lab is used for



doing in-house projects by students and for doing M.Sc projects from nearby colleges. The major facilities available are

- High temperature furnace (upto 1400°C)
- Muffle furnace (upto 900°C)
- Hot air oven
- Digital Balance (4 digit accuracy)
- Double Distillation Unit

Informal Linkages for academic purposes

Collaborating Institution/Department
Physics
<ul style="list-style-type: none"> • Dept. of Physics, MG College, Trivandrum • NIIST (National Institute for Interdisciplinary Science and Technology), Tvm. • VSSC (Vikram Sarabhai Space Center), Trivandrum
Chemistry
<ul style="list-style-type: none"> • Kerala Water Authority, Trivandrum • CCDU (Communication and Capacity Development Unit), Trivandrum
Mathematics
<ul style="list-style-type: none"> • Kerala Mathematical Association
Statistics
<ul style="list-style-type: none"> • Kerala Statistical Association
Botany
<ul style="list-style-type: none"> • JNTBGRI (Jawaharlal Nehru Tropical Botanic Garden and Research Institute), TVM • RGCB (Rajiv Gandhi Center for Biotechnology), Trivandrum • Department of Botany, Kariavattom • CTCRI (Central Tuber crop Research Institute), Sreekariyam
Zoology
<ul style="list-style-type: none"> • Fisheries Department
Environmental Sciences
<ul style="list-style-type: none"> • Dept. of Environmental Sciences, Kariavattom • Biodiversity Board • WWF (World Wild Fund), Kerala • IIUNCRM, Kariavattom • Dept. of Geology, Kariavattom
Botany
<ul style="list-style-type: none"> • JNTBGRI (Jawaharlal Nehru Tropical Botanic Garden and Research Institute), Palode, TVM
History & Politics
<ul style="list-style-type: none"> • Kerala State Archives Department, Thiruvananthapuram • Gandhi Bhavan, Thycaud • District Legal Services Authority • District Library Council
English
<ul style="list-style-type: none"> • M.O.P Vaishnav College for Women, Chennai
French
<ul style="list-style-type: none"> • Alliance Française
Hindi
<ul style="list-style-type: none"> • Kerala Hindi Prachar Sabha, Vazhuthakad, TVM • Dept of Hindi, Kariavattom campus, University of Kerala, Trivandrum



Commerce
<ul style="list-style-type: none">• Travancore Titanium Products Ltd, Kochuveli, Trivandrum
Economics
<ul style="list-style-type: none">• P.N Panicker Foundation• Gulati Institute of Finance and Taxation,• KSIDC (Kerala State Industrial Development Corporation)• Kerala Economics Association• ISDG (Institute of Sustainable Development and Governance)• IPA (Institute of Parliamentary Affairs)• Ministry of Finance, Govt. of Kerala• Ministry of Local Self Government Institutions, Govt. of Kerala• Decentralization Analysis Cell, Govt. of Kerala• Public Policy Research Institute, Govt. of Kerala• P.N Panicker Vigyan Vikas Kendra
Physical Education
<ul style="list-style-type: none">• Sports Authority of India• Lakshmi Bai National College of Physical Education• Kerala Sports Council• Department of Physical Education, University of Kerala• G.V Raja Pavilion• Kerala Karate Association• Kerala Cricket Association• Boxing Association (Kerala)

b) Extracurricular Activities

❖ Auditorium

The auditorium is a separate building with gallery seating arrangement of 1500 capacity. The auditorium is equipped with a spacious stage, well designed for both conventional and modern theatre techniques housing two green rooms, curtain changes and a ceremonial front curtain. It is also equipped with 8 large sound boxes, 1 mixer and 14 mikes. The space can be configured for a variety of uses - academic and cultural and college film festival as well.

❖ Sports

There is a badminton court, basket ball court, volley ball court, handball court and kabadi court as well as indoor games facility for chess, caroms and table tennis inside the campus. Students are encouraged to participate in competitive sports. The department of Physical Education handles Karate classes for all the students. Extra coaching is provided for students after class hours for Football coaching with trained faculty from the Football academy. A well equipped multi gymnasium facility is also available on campus.

4.1.3 Plans to Ensure Optimal Utilization of Available Infrastructure

The expansion of infrastructure is carefully planned and executed. The Governing Body meets three to four times a year to assess the future expansion of the infrastructure. The suggestion for expansion is also generated from students through the Students Union Body, mechanized feedback system, suggestion boxes and tutorials. The same is gathered from teachers individually or through the Staff Association meetings. The requests are discussed at the College Council that is constituted mainly of the Heads of Departments, Librarian, IQAC Coordinator, Management representative, Office representative, Student advisor, and Staff secretary. Following the deliberations at the College Council, the same is



discussed at the Education Committee and resolutions regarding the same are taken and recommended to the Governing Body. Funds for such development are met through UGC grants, College Management and PTA.

Optimal Utilization

The institution is particular about the optimal utilization of its facilities and hence is being made available to external stakeholders as well; especially the neighbourhood community. The infrastructure of the institution is also used for conducting continuing education programmes, certificate courses, etc. It is also used for conferences, seminars sponsored by UGC and other agencies.

In addition to the regular classes, the facilities in the campus are used for other curricular and co-curricular activities by staff and students. For example - Add on classes – after class hours, lab facilities for research activities, practice for cultural activities, examination preparation, seminar halls and auditorium for the conduct of various programmes etc.

The major facilities developed in the last four years include:

- ITC enabled class room for every department
- Digital library
- Digital Handicam with stand
- IT Mission room with 25 computers
- Upgradation of Audio Visual room as an A/C Conference hall
- Additional computers and laptop
- Wi-Fi facility
- One new college bus
- Gymnasium (Health and Fitness Centre)
- Computers and printers for each department
- CCTV/surveillance camera at library

Future Plans

- Upgradation of all UG departments to PG departments and Research Centres
- A new academic & administrative block & library block -
Future expansion plan in the completion of the administrative block. The proposed building is planned in two floors. The blueprint for a separate administrative block, adjacent to the main block, is prepared that envisions Administrative office, Principal's office, PG departments and PG class rooms. This addition will provide ample facilities for the various innovative activities that are planned to be introduced. A separate library block is also in the expansion plan.
- Separate computer lab for Mathematics & Physics department.
- Indoor Stadium- with approximate 2000 seating capacity
- Separate Language lab for Hindi, Malayalam and French.
- Centralised Research Facility
- Day care centre
- Scientific Park
- Separate hostel facility for sports students
- Solar Power energy for all buildings in the campus



Major infrastructure developed and facilities added during last five years					
Year	Item	Amount Spent (₹)	Year	Item	Amount Spent(₹)
2010-11	Lab equipments	193100	2012-13	Lab equipment	1434948
	Library upgradation	204612		Library upgradation	13000
	Building maintenance	32000		Purchase of New Bus	1580000
	New Bus	1325000		Garden landscaping	46642
	Garden work	48100		ICT enabled class room	438038
	Miscellaneous	72331		Language lab	700000
2011-12	Lab equipments	33000	2013-14	62 KV Generator	528223
	Building maintenance	112000		Lab equipments	2505195
	Garden landscaping	59517		Library upgradation	53552
	ICT enabled class room	317400		Building maintenance	52825
	Digital Screen	47318		Garden landscaping	48000
	Digital Library	101040		Computers	74452
	CC TV for library	110346	2014-15	Lab equipments	310659
	AC for Audio Visual Room	300000		Library upgradation	35000
				Garden landscaping	75000
				General Maintenance	950000
				Computers	108410

4.1.4 Infrastructure Facilities for the Differently abled

To meet the requirements of the physically disabled, ramps, wheel chair, toilet facilities have been provided. The librarian also ensures that the learning resources to the handicapped students are made available in the classroom. A separate comfortable space is provided for university examinations. The college is prepared to provide necessary facilities when and where need arises.

4.1.5 Residential Facility

The hostel is situated inside the campus. Accommodation is provided for students who come from far distant places. The hostel can accommodate about 235 students with 33 double rooms with attaches bathrooms and 50 common rooms. All the rooms are well furnished with necessary furniture, fans and lights. There are enough washrooms and wash facilities, both common and attached.

The major facilities include-

- Two computer Rooms
- TV hall
- Recreation room
- Study Space
- Wash rooms
- Visitors parlour
- Vegetable garden
- Kitchen
- Wardens Chamer
- Prayer Room
- Sanitary Napkin Vending Machine and Incinerator
- Mess Hall
- Library-Newspapers
- Reading Space
- Water Purifier
- Biogas Plant
- Security
- Entertainment facilities-TV, DVD Player, Music system
- Telephone facility

Generalate/ CCR Congregation Headquarters

The Generalate is situated inside the campus. It has adequate rooms, chapel, recreation room, mess hall, conference hall, computer room, visitor's parlour, archive room, library, and kitchen. The Generalate has biogas, solar energy panel and proper waste management system.



4.1.6 Health Care Facility

Health and hygiene are another area of primary importance. Effort is taken to maintain a clean campus with efficient waste management system and proper sanitation. Sufficient waste bins are provided at convenient corners in the campus. An infirmary is located inside the campus and a full time staff nurse is available. The service of a fully qualified doctor is available on call from the nearby hospital. Free on-campus counselling is also available for students over all well being. First Aid boxes are made available to each and every department. There is also a Fitness Centre in the college. A sanitary napkin wending machine and incinerator is installed in the ladies washroom.

4.1.7 Other Common facilities available on the campus

IQAC	A spacious and well furnished room with computers, internet facility and printer.
Principal's Room	A well furnished room provided for the principal to carry out her administrative responsibilities.
Administrative Office	A spacious administrative office with computers, printers and reprographic machine.
Visitors lounge	A spacious and well maintained lounge for visitors
Audit Room	Room for internal and external audit facility
Counselling centre	A counseling centre for the well being of students
Grievance Redressal Cell	Grievance Redressal Cell facility available
DTP and Reprographic centre	A common DTP and reprographic centre with computers, printers, reprographic machines
Examination Cell	Room provided for the smooth conduct of university examinations
Seminar hall 1-Audio Visual Room	An Audio Visual Room with computer and Projector which is air conditioned with podium, public address system
Seminar hall 2 -Recreation Hall	A Recreation Hall with computer, projector and public address system.
Seminar hall 3	A well furnished seminar Hall with projector
Multipurpose Hall	A large hall for practising for cultural programmes, hands on skill training classes, etc.
Auditorium	A spacious auditorium with a gallery seating capacity of 1500.
Library	General Library and Libraries for PG departments - English, Commerce and Env't Sciences
Computer facility	Common computers for browsing in the General Library, Computer Centre, Computer Lab.
Bank extension counter	An extension counter of Central Bank of India
Ecofriendly quadrangle	The quadrangles in the main block are used for small gatherings and discussions
NSS Cell	A room for NSS activities
Career Guidance & Placement Cell	A room for career cell with computer facility
French Cell	A spacious room for club activities and classes
Infirmary	An infirmary with first aid assistance.
Prayer Room	An ecofriendly prayer cum meditation hall
Heritage Room	A museum with antiques displayed
Mushroom Rearing Unit	The unit is installed and maintained by the PTA



Ornamental Fish rearing Unit	Room for the facility to harvest ornamental fish
Gymnasium	A gymnasium with state-of-the-art equipment.
Sports Room	A separate room to store sports items
Botanical Garden	Medicinal & Ornamental garden, Nakshatra Garden, Mahatmaji Jaivodhyanam, Santhisthal
Water Purifier (3 Nos)	24 hours safe drinking water facility with purifying and cooling provisions
Canteen	A spacious, neat canteen with well equipped kitchen, separate seating space for staff and students. Seating capacity is 50 for teachers and 100 for students.
Store	A store (800 sq ft) is available for students with stationery items and other provisions
Security room	A cabin provided for the Security at the entrance
Wash room facility	32 wash rooms for students. Separate washrooms for all departments for the staff
Common room for ladies	A separate common room for ladies
Special room for support staff	A special room for the support staff in the college
Tailoring unit	Tailoring unit with 12 machines
Beautician Training Centre	Room with facility for beautician course
IGNOU Study Centre	With 6 PG, 2 UG and 1 certificate course offered
Biogas plant (3 Nos)	Three biogas plants set up- 1 in canteen, 1 in the hostel and 1 in the Generalate.
Microbial Compost Unit	Functioning for last six years
Rain Water Harvesting unit	A rainwater harvesting system inside the campus
Animal Husbandry	Cows, Goats, Ducks, Hen, Turkey Hen and Rabbits all kept in separate in separate sheds
Solar Energy Harvesting Unit	A solar energy harvesting panel is installed
Biowaste recycling unit	Biowaste recycling unit installed near the cafeteria
Generator	Generator with capacity 62.5 kW
Hostel	Hostel can accommodate 235 students
Transport facility (5 bus , 1 Van, 1 car)	A fleet of five buses and a van ply to all major stops in the city
Parking space	Separate parking space for cars, two wheelers and college buses
Public Address System, Mixer, Amplifiers, Mikes with stands Hand set Mikes, Horns, Sound Boxes	Public address system installed in every classroom and the corridors for announcements

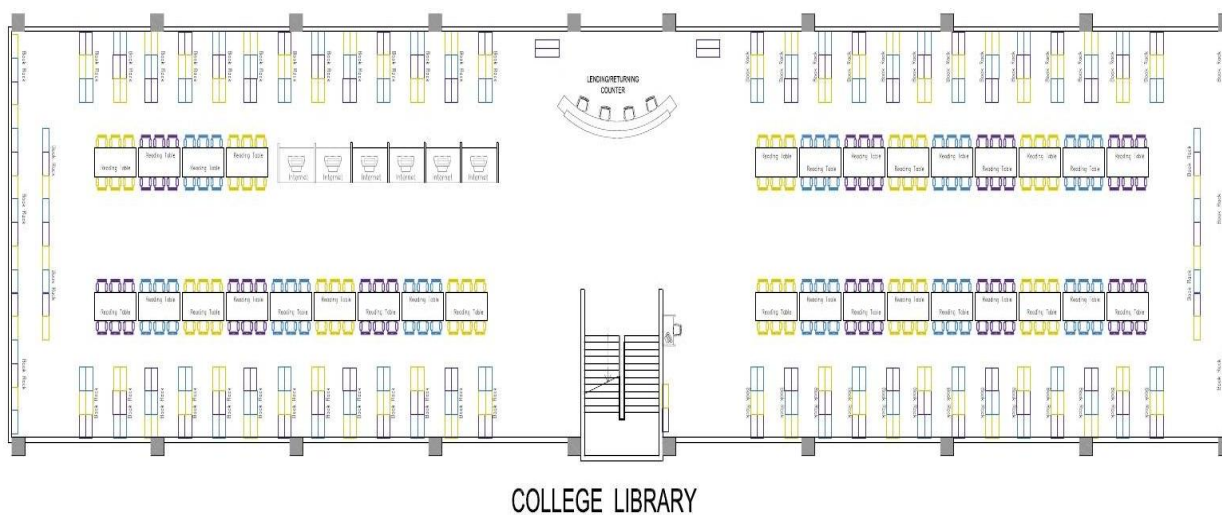
4.2.1 Advisory Committee, Composition and Significant Initiatives

The library has an advisory committee comprising of the Principal, Librarian and selected members among the staff and students which is constituted for the smooth functioning of the Library. The distribution of funds to various departments is decided by this body. The Library Committee has a leading role in the selection and purchase of books. When the syllabus is changed by the University or a new course is introduced in the College or latest books are released in the market, the faculty and students are free to direct the Librarian to order the copies required with the approval of the Principal. The Principal and Management provide full support to procuring books and journals for the Library. The new arrivals (books/journals) are displayed prominently. The information retrieval system through digitizing the details of the books has ensured that

students are given detailed information about a book's status including its return when in circulation. The Online cataloging system *WEBOPAC* has made it possible for the students to access the library facilities in the comfort of their homes. Security features such as CCTVs are in place to prevent damages or theft of books so that the library resources are available to generations of students in undamaged and optimal form. The Gate register has been maintained by making the students enter their admission number so as to measure the footfalls in the library. The faculty log into the register too. This data is used to closely monitor the student response to the various user friendly initiatives of the library. The internet facilities of the library with six stations and DTP facilities are much appreciated by the faculty and students alike. The *N-LIST* database is made available for students and staff for research purposes. The Library prints its own barcodes for student access cards to be cost effective and the money is used to augment its facilities. The cordial approach of the staff motivates the students on a positive note. Such practices help in cultivating a good habit of reading and in the scientific use of the library among students and faculty.

4.2.2 Physical Facilities, Learning Resources, Specialized Services and Working Hours

- The total area of the library is 14298 sq. ft
- Total seating capacity is 200
- Except on public holidays and Sundays, the working time of the library is from 8.30a.m to 5p.m on all days.



- The library is well equipped with all modern amenities required for the collection of information and knowledge. The details of the books in the library are fed into a digital library management system using the software *LIBSOFT*. The library is computerized with nearly 70 percent of the books entered into the database with the rest to soon follow suit. The space set apart for periodicals and newspapers is widely used by students and staff. Stacks for different subject areas are arranged separately. Six computers with sufficient memory and speed are used in the library. The computers are on a network and are under the control of the library staff. There are three printers available in



the library namely Canon Inkjet, HP Laser and Epson Line Printer. Internet connection is available in the library and it provides access to e – resources such as UGC *N-LIST*.

4.2.3 Amount spent on procuring new books, journals and e-resources during the last four years.

Current titles and latest books are purchased after consultation with the concerned Departments. The various Departments select books according to their need and submit the books and bill to the library. The selection of books is under the supervision of the Head of the Department. Most of the Departments have subscribed to their own journals. In addition to this, the library also has subscribed to more than 43 national journals, 4 International journals, 46 periodicals and seven leading newspapers (English –3, Malayalam–4)

Library holdings	YEAR -1		YEAR -2		YEAR -3		YEAR- 4	
	2011-12	Total Cost ₹	2012-13	Total Cost ₹	2013-14	Total Cost ₹	2014-15	Total Cost ₹
Text books	372	48000	412	76500	611	115000	438	88627
Ref.books	80	30276	125	57244	230	160000	145	58000
Journals/ periodicals	75	18675	79	21230	76	19500	68	14250
TOTAL		96951		154974		294500		160877
E -resources	UGC N-LIST INFLIBNET						5000/-	

4.2.4 ICT and other tools deployed for Maximum Access to the Library

The ICT and other tools deployed to provide maximum access to the library collection are:

- The library is automated using LIB Software. Books and library membership cards are barcoded. Barcode reader is used in the transaction section.
- College Website <http://www.allsaints.libsoft.org/>
- OPAC: Online Public Access Catalogue.
- UGC N-List from INFLIBNET Centre, Ahmedabad. The INFLIBNET N-LIST enables access to more than 3000 e-journals and over 75000 e - books.
- Photocopier and scanner are also available in the library.

4.2.5. Other details

Average number of walkins	:	125 per day
Average number of books issued / returned	:	90/per day
Ratio of library books to students enrolled	:	29:1
Average number of books added during last four years	:	2875 books
Average number of login to OPAC	:	10000 per year
Average number of login to e resources	:	Students and Faculty are provided with password.

4.2.6 Specialized Services Provided by the Library Reference

- A separate reference section is available in the library. The reference books, back volumes of journals, dictionaries and previous years question papers and thesis are available in the reference section.



- This facility is used well by the student fraternity for the preparation of seminars and projects.
- Reference texts to prepare for NET, SET, UPSC, PSC and other competitive exams too are available in the library.
- Encyclopedias and latest lexicons in English, Hindi and Malayalam are also available.
- The library has DVDs and CDs.
- Information on new arrivals are displayed
- Books are kept according to the Dewey decimal classification. They can be searched author-wise, title-wise and subject-wise.
- User awareness is also provided. Any user desiring to know about the library services or to learn to use a particular resource like OPAC, e-journal and INFLIBNET is free to approach the librarian.

Internet Access

- The Library has 6 computers with internet connection.

Downloads

- Students can download information from e-journal and e-books.

Printouts

- The library has three printers for the purpose of printing.

User Orientation

- The newly admitted students are taken around the library to familiarize them with the various resources and services available at hand.

4.2.7. Support provided by Library Staff to the Students and Teachers

The students, faculty members as well as researchers from other centers carrying out their studies under the faculty of the college have access to books from the library. Under-graduate students can borrow 2 books each while Post-graduate students and researchers can borrow 5 books each from the library against ID card for 14 days. The librarian and the library assistants are very cordial and cooperative to the staff and students using to the library. They take utmost care to help in searching the books. They also update the stack as and when books are lent or received. They help in guiding the new users to make optimum use of the resources available in the library and also make the daily users aware about the latest arrivals.

4.2.8 Special Facilities to the Visually/Physically Challenged

- Ramp has been provided at the entrance of the library for differently-abled users to enter inside the library
- The library staff provides all necessary assistance to the physically challenged students. They help such students to select the books they require through their friends.
- Headsets have been provided for the visually challenged students for access to audio books.

4.2.9 Feedback

The All Saints' College Library provides constant and reliable services to the users and a vast majority is satisfied with the various aspects of demand and delivery service of the Library such as assurance, responsiveness, reliability and empathy. The results of the a survey conducted by the Librarian among the staff



and students reveal that majority of the users are satisfied with the adequacy of library resources and the functional or organizational aspects of the library such as the working hours and borrowing facilities in the library irrespective of the type of membership or subject of interest. The Committee takes up the issues for discussion and implementation of new strategies for improved services is taken care of.

4.3 IT Infrastructure

4.3.1 Computing Facility Available in the Institution

Number of computers with Configuration

Department	Configuration	No
Departments & Classrooms		
Physics	Intel Core i3 3220, 3.30 GHz 2 GB RAM 500 GB HDD DVD R/w–Internet connection	1
Mathematics & Statistics	INTEL Dual Core E 58003.20 GHz, 2GB RAM, 500 GB HDD, DVD R/w, 18” LCD monitor–Internet connection	1
Chemistry	INTEL Dual Core E 54002.70 GHz, 1GB RAM, 320 GB HDD, DVD R/w, 15.6” LCD monitor–Internet connection	1
Zoology	INTEL Dual Core G6202.60 GHz, 2GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor–Internet connection	1
Botany	AMD Sempron 145 Pro 2.8 GHz, 2 GB RAM, 160 GB HDD DVD R/w, 18” LCD monitor –Internet connection	1
Environmental Science	INTEL Dual Core E 45002.20 GHz, 1GB RAM, 500 GB HDD, DVD R/w, 18” LCD monitor–Internet connection	1
Commerce	AMD Sempron 145 Pro 2.8 GHz, 2 GB RAM, 160 GB HDD DVD R/w, 18” LCD monitor–Internet connection	1
History & Politics	INTEL Dual Core G6202.60 GHz, 2GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor–Internet connection	1
Economics	INTEL Dual Core G 620 2.60 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor–Internet connection	1
English	INTEL Pentium DD 2.80 GHz 2 GB RAM 500 GB HDD DVD R/w–Internet connection	1
Second language	INTEL Dual Core G6202.60 GHz, 2GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor–Internet connection	1
Physical Education	INTEL Dual Core G 6600 3.70 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor–Internet connection	1
ICT enabled Classrooms	INTEL Dual Core E 620 2.60 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor	5
	INTEL Dual Core G 620 2.60 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor	5
	Projectors	10
Laboratories		
Physics lab	AMD Sempron 145 Pro 2.8 GHz, 2 GB RAM, 250 GB HDD DVD R/w, 18” LCD monitor	1
	Dual Core E 2140 1.6 GHz, 512 MB RAM, 80 GB HDD, DVD R/w, 15” CRT monitor	1
English language Lab	INTEL Dual Core 20202.50 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15” LCD monitor, Normal Speakers	37



IT Lab	INTEL Dual Core E 52002GB RAM, 250 GB HDD, DVD R/w, 18" LCD monitor–Internet connection	5
	INTEL Pentium 4 2.6 GHz 1 GB RAM 40 GB HDD-80 GB HDD-1, 15" AOC LCD monitor-Internet Connection	1
	INTEL Pentium 4 2.6 GHz 2 GB RAM 80 GB HDD, CD Drive 15" LCD monitor-Internet Connection	1
	INTEL Dual Core E 5400270 GHz 2GB RAM, 500 GB HDD, DVD R/w, 18" LCD monitor–Internet connection	1
	Intel Core i3 2120, 3.30 GHz 4 GB RAM 500 GB HDD DVD R/w, 15" LCD monitor –Internet connection	1
IT Mission lab	Dual Core E 57003.0 GHz, 2 GB RAM, 500 GB HDD, DVD R/w,18" LED monitor	24
	VIVITEK DLP Projector	1
Materials Science Research Laboratory	Dual Core E 57003.0 GHz, 2 GB RAM, 500 GB HDD, DVD R/w,18" LED monitor	1
General Library	AMD Sempron 145 Pro 2.8 GHz, 2 GB RAM, 500 GB HDD DVD R/w,15" LCD monitor-Internet Connection	4
	Dual Core 2.7 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15" LCD monitor	1
	Intel Core i3 2100, 3.10 GHz 2 GB RAM	1
	1 TB HDD DVD R/w, 18.5" LCD monitor	
	Printers - HP Laserjet 1018, EPSON Inkjet L200, WIPROLX540	3
English Departmental Library	Dual Core E 57003.0 GHz, 2 GB RAM, 500 GB HDD, DVD R/w,18" LED monitor	2
Environmental Sciences Departmental Library	Dual Core E 57003.0 GHz, 2 GB RAM, 500 GB HDD, DVD R/w,18" LED monitor	1
Audio Visual Room	INTEL Dual Core G6202.60 GHz, 2GB RAM, 500 GB HDD, DVD R/w, 15" LCD monitor with EPSON EB-S02 projector	1 Laptop
Recreation Hall	INTEL Dual Core G 620 2.60 GHz, 2 GB RAM, 500 GB HDD, DVD R/w, 15" LCD monitor with EPSON EB-S02 projector	1 Laptop
DTP and Reprographic centre	INTEL Dual Core E 54002.70 GHz, 2GB RAM, 320 GB HDD, DVD R/w, 18" LCD monitor–Internet connection	5
	Pentium 4 2.8 GHz 2 GB RAM 160 GB HDD, 15" LCD monitor-Internet Connection	4
		3
Examination Room	Dual Core E 5200 2.50 GHz, 2 GB RAM, 250 GB HDD, DVD R/w,17" LCD monitor	1
IQAC Room	Dual Core E 57003.0 GHz, 2 GB RAM, 500 GB HDD, DVD R/w,18" LED monitor	3
Career Guidance and Placement Cell	Dual Core E 5200 2.50 GHz, 2 GB RAM, 250 GB HDD, DVD R/w,17" LCD monitor	1
French Club- Bonjour All Saints'	Dual Core E 5200 2.50 GHz, 2 GB RAM, 250 GB HDD, DVD R/w,17" LCD monitor	1
NSS Room	Dual Core E 5200 2.50 GHz, 2 GB RAM, 250 GB HDD, DVD R/w,17" LCD monitor	1
Office	INTEL Dual Core E 54002.70 GHz, 2GB RAM, 500 GB HDD, DVD R/w, 18" LCD monitor	3
	INTEL Dual Core E 54002.70 GHz, 2GB RAM, 160 GB HDD, DVD R/w, 18" LCD monitor	1
	INTEL Dual Core E 55002.80 GHz, 2GB RAM, 80 GB HDD, DVD R/w, 18" LCD monitor	1
	INTEL Dual Core 2.80 GHz, 3GB RAM, 320 GB HDD, DVD R/w, 18.5" LCD monitor-Internet Connection	1
		2



Principal's Room	Dual Core E 5200 2.50 GHz, 2 GB RAM, 250 GB HDD, DVD R/w, 17" LCD monitor	1
Vice Principal's Room	Dual Core E 5200 2.50 GHz, 2 GB RAM, 250 GB HDD, DVD R/w, 17" LCD monitor	1
All departments Office, DTP and Reprographic centre, IT Mission lab and Research labs	Printers - Canon LBP 6030 B, Canon LBP 6018 B, EPSON L200, HP 1020, CANON Laserjet 2900, EPSON Inkjet L210, Canon LBP 3500, EPSON L350 colour, Canon Image Class M4350 D, Canon Pixma IP2870, Printer- L350 Colour	25
DTP and Reprographic centre and office	Xerox Machines- Canon 2420L, Canon iR 2018 N, Canon iR 2318L	3
Softwares installed	Windows 7, Microsoft Office 2007, Adobe Reader, Ubuntu, Google Chrome, ISM Malayalam Software, Kaspersky Internet Security, LIB SoftwareE-Messenger, Adobe Page Maker, Ranklist Preparation Programme Software Visual Basic, Tally ERP 9, Adobe Pagemaker, Leap Office, Software for Admission and Fee Collection, Photoshop, Coral Draw, Peace Accounts.	
Hostel	AMD Sempron 145 Pro 2.8 GHz, 2 GB RAM, 500 GB HDD DVD R/w, 15" LCD monitor	12
	Printers - HP Laserjet 1018, EPSON Inkjet L200, WIPROLX540	3

4.3.2 Computer and Internet Facility

Computers with internet facility are provided to all departments with four nodes for internet facility. Free internet and computer access is available to the faculty members during the working hours of the college. The Wi-Fi facility is provided in the campus for the faculty members. Internet browsing is also made available in the library, IT mission lab, computer centre etc. LAN facility is provided in the campus.

4.3.3 Plans/ Strategies to Upgrade IT Infrastructure

Every year plans are made to upgrade as well as improve the IT infrastructure and associated facilities. ICT enabled teaching - learning process, office administration, knowledge mobilization etc. are of prime concern. The management and the college authorities are also keen in providing the best of IT infrastructure to enhance the academic excellence. Remarkable improvement in enhancing IT infrastructure has been achieved during the past four years thereby making the teaching - learning process much easier. The administrative staff is given training in handling work easier by employing experts from outside. The office is completely automated thus enabling admission process to be carried out smoothly. Library is completely computerized and students can access the web for e-learning facilities. ICT enabled class rooms are provided for final year degree students making teaching much more viable. Students make power point presentations during seminar, thus empowering them to be user friendly with ICT enabled teaching - learning process. Upgraded versions of existing software and hardware are installed as required, and new and advanced software in keeping with curriculum revisions and new courses are installed when necessary. The Wi-Fi facility is provided in the campus.



4.3.4 Procurement, Upgradation, Deployment and Maintenance of the Computers and Accessories (last four years)

Each year about 10% budgetary provision is allocated for IT infrastructure

Year	Procurement & Upgradation (₹)	Maintenance(₹)
2010-11	-	60630/-
2011-12	105100/-	40410/-
2012-13	283720/-	36000/-
2013-14	336885/-	45000/-
2014-15	-	108410/-

4.3.5 ICT Resources and Computer-Aided Teaching/ Learning Materials

The University revises the syllabi every three years to supplement computer aided teaching methods that is inevitable. ICT enabled learning becomes mandatory. All the UG and PG programmes include projects, seminars and assignments. Likewise the students are encouraged to make maximum use of this technology in the preparation of their projects, seminar presentations and assignments. Study materials can be collected by browsing the internet as and when required. Faculty members are given hands-on training to encourage computer aided teaching. Accordingly internet facility is provided in all departments, library and computer centre.

4.3.6 The Student as Centre of Teaching-Learning Process and the Role of Teacher as Facilitator

The institution always makes it a point to deploy ICT technologies wherever possible thus emphasizing the importance of the learner in the teaching-learning process. The conventional technique of one man show by a teacher in the class-room has gradually been replaced by ICT enabled studies. Main focus is integration of technology into teaching-learning process.

- The facilities offered through internet like e-books, e-library have made the students lesser dependent on the teacher for study materials. The teacher guides the students to avail all such facilities.
- Another aspect is regarding invited talks by resource persons on each specified area of interest. This enables the students to interact freely with other experts arranged by the department as and when needed.
- Peer teaching is encouraged among students wherein fast learners help slow learners by seminars, group discussions etc.
- The students are motivated to avail books in the full fledged library.
- All the teachers are encouraged to assign seminars on specific areas to the students as a part of University curriculum.

4.3.7 National Knowledge Network Connectivity

The Institution is interested in becoming a part of the National Knowledge Network.

4.4 Maintenance of Campus Facilities

4.4.1 Optimal Allocation and Utilization of Financial Resources for Maintenance and Upkeep of Infrastructure

Amount spent for improving and maintaining the facilities in the campus (₹)					
Item	2010-11	2011-12	2012-13	2013-14	2014-15
Building	32000/-	112000/-	-	52825/-	-
Furniture	500000/-	36025/-	51050/-	75000/-	82000/-
Lab equipments	193100/-	33000/-	1434948/-	2505195/-	310659/-



Computers	83338/-	417680/-	1191927/-	74452/-	112500/-
Vehicles	1325000/-	198000/-	1580000/-	215000/-	210500/-
Any other	252712/-	618221/-	587865/-	800000/-	975000/-

The Planning Committee of the college headed by the Principal is in charge of the maintenance and upkeep of the facilities, infrastructure and equipments of the college.

4.4.2 Maintenance and Upkeep of Infrastructure, Facilities and Equipment The College has completed 50 years of service. Though the Governmental grants are minimal, the College has an effective mechanism for the maintenance and upkeep of the infrastructure facilities and equipment. The Institution makes ardent efforts to procure funds required for maintenance of its infrastructure facilities from various sources. It utilizes these funds effectively with a long term planning. New projects are implemented in a time-bound manner under the leadership of the Principal and with the support of the faculty. The College has entered in to an Annual Maintenance Contract with service providers for lab equipment, computers and other computer accessories. The service of a computer technician and an assistant is utilized for the maintenance of computers and allied accessories on call.

The Management has appointed additional support staff for the maintenance of gardens and to clean the campus and class rooms. Twenty four hour vigil ensures the overall security of the campus with an appointed Security staff. A supervisor is also appointed for general maintenance. The appointments of these labourers are both on permanent and contract basis by the management. In value education classes students are motivated to maintain a clean and green campus. An hour per week is allotted to students for campus cleaning to inculcate in them the value for cleanliness and dignity of labour.

4.4.3 Calibration and other Precision Measures for Equipment/Instruments

The diagnostic equipments are calibrated periodically (once in a year) for precise measurement. The services of in-house technician are utilized. Whenever the troubles cannot be rectified by them, the service of skilled personnel from outside are solicited in consultation with the suppliers.

Calibration faults detected in between are repaired immediately. Apart from this, instruments are also frequently checked and calibrated by the concerned faculty member.

4.4.4 Upkeep and Maintenance of Sensitive Equipment

Regular and stabilized power supply is ensured for the smooth functioning of all computers and equipment in laboratories. Electrical distribution points are regularly checked and adequate safety measures are taken for their protection as noted below. All sensitive equipment/instruments and computers are supported with UPS systems, to minimize electric fluctuation, and all Computer Labs have back up facility. The generator (62.5 kV) assures uninterrupted power supply. Proper functioning of UPS system is ensured through annual maintenance contract. Thorough updation of electronic gadgets is done by technicians every month. Rain water harvesting is made by collecting rain water from building roof to water tanks at suitable places. Saplings are planted in the campus to avoid soil erosion. Awards bagged by the college demonstrate the efforts taken by the Institution for conservation of biodiversity and ecofriendliness.

Any other relevant information regarding Infrastructure and Learning Resources which the College would like to include.



CRITERION V

STUDENT SUPPORT AND PROGRESSION

The institution has to its credit a strong student support system to help the student community in their all-round development. All the activities inside the campus are so designed to make the campus atmosphere more conducive to the overall growth of the students. The student support system with its co-curricular, extra-curricular and extension activities augment academic and co-curricular support to ensure their multitalented development and excellence. The institution ensures its commitment towards the students through the collective effort of the teaching and administrative staff, the PTA and the Alumnae.

5.1. Student Mentoring and Support

The bio-data of the students is well maintained by each class teacher which helps her in keeping a steady record of the student's progress both in academics and personal wellbeing. Various scholarships have been constituted by the Govt. of Kerala as well as prizes and endowments are introduced by former teaching and non-teaching faculty for the meritorious students. An induction level training programme is conducted for the newly admitted students which helps in creating awareness among the students about the need and importance of the course and thereby decreasing the dropout percentage. The college has an active Anti-Ragging cell, Grievance Redressal cell, Student Union, Counseling Centre, Women's Studies Cell, PTA, Departmental Associations, NSS, and Alumni Association. The Career guidance cell of the college has opened a face book account to keep in touch with the students who have graduated till date. Ethics classes, Tutorial classes and student mentoring is also institutionalized.

5.1.1. Handbook of the College

- ❖ **The Handbook** of the College is updated every year offers information about the **vision and mission** of the college, a **message from the Superior General and Manager** of the college and space for **personal memorandum**. It contains a **brief history** of the college, **prayer songs, College Anthem** and **National Anthem**. It also contains the following:
 - Courses of study – UG and PG Courses, IGNOU Courses, Need Based Career Oriented Courses.
 - College Staff - Teaching and Administrative.
 - Working days and Class timings.
 - Rules for students and information regarding attendance, grading, fee regulations, educational concessions, student's funds, and scholarships.
 - Administrative bodies.
 - Committee for extension activities.
 - Clubs and Associations.
 - Facilities available in the College.
 - Bus routes and timings.
 - Instructions regarding college and public examinations.
 - University of Kerala Syllabus for UG and PG Programmes.
 - College Day Awards/Prizes for Academic Excellence, Sports and Co-Curricular activities.



- Academic Calendar with National and International days of importance.

Website

The Institution's official website www.allsaintscollege.in helps to provide all relevant information to all stakeholders.

Magazines

The institutional Magazine, Newsletter and Departmental Magazines are published annually

College Magazine	'Waves of Light'
College Newsletter	'All Saints' Times'
Departmental Magazine	
Physics	Ripples
Chemistry	Chemi Outlook
Mathematics	Sigma
Hindi	Boondhem
Malayalam	Thoolika
English	Spark
Commerce	Vanijya
Economics	Ceteris Paribus
History & Politics	Paithrukam
Zoology	Voice of Nature
Botany	Eyes of Nature
French	Le Mélange
Environmental sciences	Ente Bhoomi

5.1.2. Institutional Scholarships/Freeships given to the students

Students are beneficiaries of the various schemes introduced by the State and Central Governments which are availed by eligible candidates.

- The list of scholarships for students is listed in the college handbook as a guide to the scholarships available. In addition, notices and announcements are made regularly to update the students on the dates for applications and eligibility criteria. A significant percentage of the student population has benefited from scholarships and financial aid.
- The financial support and medical aid to poor students is also given from the Staff fund, and PTA. Annually a sum of Rs. 10,000 is set apart for deserving students from the All Saints' College All Teachers Association (ASCATA). Financial aid is also given by the Management as scholarships to students, to aid needy families through building of houses, funding of weddings of the children of the support staff and by giving aid to the bereaved family of the deceased.

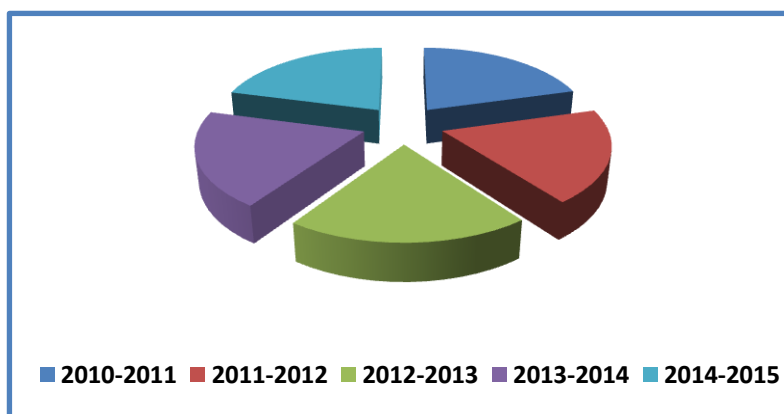
Number of Students Receiving Scholarships

Scholarship/Financial Assistance	2010-11	2011-12	2012-13	2013-14	2014-15
Hindi scholarship	2	2	2	2	2
Suvarna Jubilee	10	12	12	14	7
Central Sector Scholarship	4	4	2	8	5
State Merit Scholarship	18	18	22	20	20
Muslim Nadar Scholarship	51	41	47	53	15
Higher Education Scholarship	8	8	8	8	2
Scholarship for P.H./Blind	2	2	3	2	-

S.C Scholarship	192	176	181	172	298
KPCR	50	53	51	49	49
University Merit Scholarship	1	1	2	1	2
FishermanScholarship	365	328	340	331	336
Post MetricScholarship	6	6	6	6	12
Muslim GirlScholarship	2	2	2	2	-
M.H	36	40	38	42	10
District Merit Scholarship	2	2	2	2	-
Indira Gandhi	2	2	2	2	3
UGC grant	100	100	100	100	100
Management	46	35	55	63	76

5.1.3. Financial Assistance from State/Central Govt/National agencies

Financial Assistance from State/Central Govt and National Agencies	No. of students	Amount	Percentage
2010-11	751	4,51,358	42.91
2011-12	697	73,56,542	39.82
2012-13	722	56,41,625	43.05
2013-14	714	70,11,856	42.17
2014-15	761	1,24,37,589	60.21



5.1.4. Specific Support Services

❖ Students from SC/ST, OBC and Economically Weaker Sections

The Institution strictly follows the reservations stipulated by the government.

- The information about all the scholarships provided to economically weaker sections are given in the college handbook. This information is also displayed on the student notice board.
- The Management contributes to the socially and economically backward communities through fee concession, remedial coaching, and freeships over and above the government order.
- The College also offers scholarships in honour of retired Principals, Heads of Departments, faculty and benefactors to deserving students.
- Assistance from the College Students' Aid Fund is also made available to students from BPL families.



Number of Students Admitted under Various Categories

Year	General	SC	ST	OBC	Physically Challenged	Total
2010-2011	1195	182	2	236	-	1615
2011-2012	1304	148	3	194	1	1650
2012-2013	1261	165	5	244	2	1677
2013-2014	948	236	11	496	2	1693
2014-2015	1264	283	10	243	-	1800

❖ Students with Physical Disabilities

- Ramps have been provided on the campus.
- The library provides learning resources to the physically challenged students to the classrooms by making it easy to use the library facility. Scribe facility is provided for the handicapped including slow writers and the blind students during all examinations.
- A separate comfortable seating arrangement is provided during university examinations with extra time. The college is prepared to provide necessary facilities when and where the need arises.
- As per Government norm, a seat in each discipline is reserved for students admitted with 40% physical disability.
- Assistance in every form like counseling, guidance and moral support is rendered to the differently abled students during their course of study.
- In order to make them independent, the institution encourages them to participate in various extra curricular and cultural activities.
- Information regarding scholarships is made known to them at the time of admission.
- Left handers have special furniture designed with a left hand writing pad.

❖ Overseas Students

The overseas students in the college receive special care, attention and moral support from their colleagues, teachers and administrative staff to make them feel at home in a foreign surrounding.

- Hostel facility is provided for these students on request.
- Proper mentoring is given to them to face the difficulties encountered by the changes in language, country etc.

❖ Students to Participate in - National and International Competitions

The Arts Club committee organizes various competitions and encourages and assists students to participate in various competitions outside the campus too. Notices and information regarding all events both on and off campus are displayed on the notice board. Apart from the Committee all the departments take a keen interest in the participation of the students in departmental, inter-departmental, collegiate, inter-collegiate, state, national and international academic competitions.

- The Department of Physical Education pays special attention to the training and participation of students and they have won laurels.
- Indoor game like chess, carom and table tennis is organized.
- Karate and Zumba classes are conducted for students together with gym facility.
- Karate Classes are made mandatory for every student on Campus to learn basic self-defense techniques.



- All encouragement is provided to students volunteering to participate in all competitions coupled with proper security and refreshment both in sports and cultural activities.
- Sports kit is provided to the sports students.
- Commendable accomplishments of students both on and off campus are announced over the public address system to acknowledge their victory and to encourage other students.
- Students with aptitude for events announced on and off campus are given guidance and training both on demand and need and are also accompanied by the staff to the venue of the event to be conducted to ensure safety.
- The college has a Recreation Hall with a seating capacity of 800 and an auditorium with a seating capacity of 1500 in a separate building for practice and performance to help students showcase their talents.

❖ **Medical Assistance to Students**

Health and hygiene are of primary importance on campus.

- Effort is taken to maintain a clean and eco-friendly campus with sufficient greenery and plantation – (organic farming), gardens (ornamental and medicinal).
- Efficient waste management system and proper sanitation is commendable that adds to proper health care.
- Several waste bins are provided at convenient spots in the campus to maintain a garbage free campus. Sufficient number of support staff is appointed to see to the cleanliness of classrooms, washrooms, and surroundings to ensure a hygienic campus.
- A fitness centre is another facility provided for the physical wellbeing of staff and students in the college premises.
- First aid boxes are kept in each department and other common places.
- Sanitary napkin winding machine and incinerator is installed in the washroom.
- There is a well equipped infirmary in the campus with ready at hand first aid medical care. The facilities in the infirmary are augmented periodically and arrangements are made to deal with emergency cases.
- Facility of a qualified doctor is available on call from the hospital with which a MoU has been signed for the purpose. A permanent staff nurse is available on campus to assist in all health emergencies.
- The BMI test is conducted every year to ensure proper student physical health with a regular follow up.
- The students are periodically sent to the University Health Centre for medical checkup as per the University requirement.
- Talks on general hygiene, HIV - AIDS awareness, Cancer awareness, Life Style Diseases, Dermatology are delivered by medical professionals.
- Talks with special relevance to women health and hygiene are also given.
- A survey was conducted among the students and it was found that about 4% of our student population suffers from anemia. Remedial measures were initiated by way of awareness talks.
- Free eye camps, general medical camps, breast cancer detection camp, dental camps, and respiratory tests, were conducted for the staff and students.



- Talks are also arranged for the students on the topics of “Health Problems of Adolescence” in collaboration with the Department of Health Services, Govt. of Kerala.
- ❖ **Organizing Coaching classes for competitive exams**
- ❖ The department of History and Politics conducts Civil service orientation classes for the aspirants.
- ❖ The PG departments offer coaching classes for NET, JRF, and also provide resources to facilitate students to prepare for Bank Test, CAT, MAT, and TOEFL.
- ❖ **Skill development (Spoken English, Computer Literacy, etc.)**
 - **ELSA** (English Language Skills Acquisition) class is conducted by the Department of English to enhance proficiency in language.
 - The college was a training partner for the **ASAP** (Additional Skill Acquisition programme), an undertaking of the Higher Education Department, Govt. of Kerala and has trained three batches of 90 students who have been placed on job as Student SDE's. Two of the faculty co-ordinate the programme from the college for the continuation of the same.
 - A few faculties are trained in handling State Govt. sponsored quality initiatives like ‘SSP’ and ‘Walk with the Scholar’ for the students.
 - Need based career oriented courses in computer both certificate and diploma and also short term courses are offered.
 - **ICT** enabled teaching is encouraged to help students improve their knowledge in the use of computers.
 - **DCA** (Diploma in Computer Application), a 6 month course affiliated to Centre for continuing Education- (CCEK), Govt. of Kerala is offered.
 - **Ornamental Fish Culture and Aquarium Management** -UGC assisted Add-on course introduced by the department of Zoology.
 - **Mushroom rearing** centre is set up on campus to provide skill training to students and also unemployed women of the locality.
 - Students gardening skill in organic farming, orchard cultivation, medicinal garden and Nakshatra garden is encouraged on campus.
 - A hands on skilled training programme under ‘Kaushal All Saints’ is conducted by the Department of Economics under the ‘**Women on Wings**’ Unit, to train students in - candle making, aggarbatti making, umbrella assembling, Flowers, Cushion, Paper/Leather Craft, Fabric Painting, Hand Embroidery, Food Making, Fruit Processing, Doll Making, Nettippattom Making, Artificial Jewellery, Terracotta and Soap/Detergent/Paste Making.
 - The Music club encourages and trains students to improve their proficiency in singing and music.
 - The Theatre club provides a platform to improve skills in acting through trained faculty and by encouraging organizing and directing dramas.
- ❖ **Support for Slow Learners**

To ensure maximum output in teaching-learning a number of strategies are implemented to supplement slow learners’ disability.

 - Bridge courses are conducted for first year students by all the departments to familiarize the students with the basic knowledge in the subject.
 - Slow learners on identification through continuous assessment are assisted through tutorials, mentoring and remedial coaching.



- Peer-teaching is made mandatory where academically bright student's assist their peers to resolve snags in learning.
- ❖ **Exposure of Students to Institution of Higher Learning**
 - Research being a part of the semester curriculum, visits to industries, service sector, governmental and non-governmental organizations, monuments of historical importance, scientific and other research centres, VSSC space centre are organized to help students achieve their academic credits.
 - Study tours, excursions and field trips supplement academics.
- ❖ **Publication of Student Magazines**
 - **"Waves of Light"**- the annual College Magazine is a platform for the students and teachers to express their creative skills. The Magazine is the yeomen effort of the Student editor and her team.
 - **Departmental Magazines** are also a creative production published both in manuscript and print by the student community.

5.1.5. Efforts of the Institution to Facilitate Entrepreneurial Skills

The Career Guidance cell has been effective in identifying the potential employment agencies and recommending them to the students. The cell has organizes and undertaken varied programmes like:

- Career guidance seminars for final year students.
- Eminent industrialists and companies have been invited to make presentations as well as for placements.
- The Cell takes initiatives to coach students to face Interviews & Group Discussions.
- Opportunities are given to students to attend recruitment interviews by various companies.
- Appropriate advice is provided to the students through invited lectures by representatives from leading companies.
- Job Fairs are occasionally organized for the students. In the recently organized fair many students got placed in companies such as Allianz Cornhill and Flip kart.
- TCILT- Fashion and Interior Designing- The course of 6 months was offered and it received a steady response.
- Diploma in Beauty Therapy- Under the aegis of STED Council, a 6 month course was conducted to train students to pursue beauty therapy.
- Ornamental Fish Farming - an UGC assisted Add-on-Course, which is also a Diploma Course is offered. Experts in the field and trained in-house faculty provide quality instruction. Students have been placed upon completion their diploma in Ornamental Fish Culture. Two students got placement in Aquascape Pvt. Ltd.
- The college has had a very promising certificate course in Entrepreneurship Development and Management of Enterprises (EDME). Students got placements on completion of the EDME course too.
- A course in Mushroom Cultivation is also offered. The Mushroom Rearing Unit is a small-scale unit which provides sufficient mushrooms for sales to the canteen and staff. The Mushroom Cultivation Unit provides valuable training to the students in one of the most lucrative small scale industries in the country.



- These courses have enabled the students to get an additional qualification along with their traditional degree courses and has boosted their chances of employment and also self-employment. The social profile of these students have been raised and thanks to the employment opportunities generated by these courses, thus enabling a good pattern of social development.
- An orientation class in organic farming, by Ms. Janaki, Krishi Bhavan, Kadakampally was held for students and the local residents.
- Tandem Institute delivered a talk on “Career Orientated Accounting Packages” for the second and third year B.Com students.
- TATA-AIG Life Insurance Company Ltd. presented their ‘JIGAR’ programme to recruit probationary managers.
- **Google India** conducted a written test for the final year degree students in October, 2010. Nearly 200 students participated.
- A job fair was arranged by **G-TEC Computer Education** at Chandra Shekhar Nair stadium.
- A **Computer Quotient (CQ) Test** for the final year mathematics degree students was conducted by **Sabarigiri Centre for Management and Technology (SCMT)** through CDAC.
- The **Triumphant Institute of Management Education Pvt.Ltd. (TIME)** conducted a seminar for the final year degree students. Based on their discussion, a **20 hour job oriented training programme** was devised for 53 final year degree students. Study materials were also provided by TIME to the students.
- **CMC academy**, a subsidiary of **TATA consultancy Service Ltd** together with **Mark Strat Consults**, in association with **PA AZIZ College of Engineering and technology** organised a **Mega Job Fair**.
- Students are being trained to use the computer and to gain proficiency in the same so as to have a career in computers through the **Kerala State IT Mission’s initiative for Women’s Development**.
- The College was a centre for the same and the students were the end consumers of this scheme. The teachers of the College have served as Resource Persons for “**Skill Enhancement Computer Training and Women’s Resource Center in Colleges of Kerala**” by **Kerala State IT Mission, Government of Kerala**. This was found to enable a sustained technical interaction between the faculty and the students leading to improved student profile and employability.
- **G-Tech Computer Education** held an introductory **lecture on Microsoft** as part of a proposal for implementing a Microsoft Authorized Testing Centre in the college. In response, 6 students signed up for Microsoft courses. The college is now an **Authorized Test Centre of Microsoft**.
- **DC School of Management and Technology (DCSMAT)** conducted a training programme on ‘**Interview Tips**’ for the Final Year Degree and P. G. students.
- **Amrita Vishwa Vidyapeetham University** conducted an **online tuition programme named A-VIEW** where the college was selected as a centre for their programme named ‘**On-line Gurukul.**’
- **Finishing Classes** for transforming students into professionals have been organized as part of the **L’Avenir programme**.



- A **Chennai-based NGO** named **‘Paper Man’** conducted an orientation programme and requested voluntary support from the students.
- **‘Shreds Kerala’**, a registered Society for **Human Resource Development Service**, conducted a test for the Final Year Degree students.
- **‘Edwise’** has conducted a programme for the Final Year Degree and P. G. students.
- The project **“Skill Enhancement Computer Training and Women’s Resource Centre in Colleges of Kerala”** focuses on interventions in educational institutions established exclusively for women and All Saints’ College was selected for the programme in 2010. It provided all necessary assistance to students in the college to upgrade this skill to suit the requirements of the **Information Communication Technology and BPO industry**.
- Students got selected by **Wipro** in a **Campus Recruitment Programme**.
- Class teachers guide the students in taking up various higher education courses through various national/international competitive examinations according to their interest.

5.1.6. Policies and Strategies of the Institution to Promote Participation of Students in Extracurricular and Co-curricular

- Several extension activities are implemented by the English Department viz. **Quiz club, Literary Club, Debating Club, Theatre Club, Reading Club and also Performing Arts club**.
- All the Departments support the activities of the Placement Cell in an effort to strengthen IT industry and academia linkages.
- **Prof V S Mary memorial annual intercollegiate quiz** competition is conducted by the Department of Mathematics.
- **ELSA (English Language Skills Acquisition) and the Neuro Linguistic Program (NLP)** conducted by the Department of English has been useful for all kinds of competitive exams.
- Bridge courses are conducted for first year students by all the departments.
- Orient students are assisted for choosing various extension activities and clubs functioning in the college.
- The faculty encourages students to participate in sports and cultural activities and due training is given for the same.
- Departments acquaint the students about the various open courses and add-on courses offered by the college.
- Career Guidance Cell coaches students to face Interviews & Group Discussions.
- The Post graduate departments of English and Commerce coach students for competitive exams like UGC, NET JRF etc.
- With a view to inculcate a taste for Malayalam literature among students the Malayalam Department conducts **‘Kadha Sangamum’ and ‘Kavi Arangu’**.
- Another strategy adopted by the Institution to promote full participation in extra-curricular activities and club activities is to ensure that every student is actively involved in the extension activities and clubs of the college



through membership. For the same enrollment is mandatory and a weekly time table is drawn.

Days	Activity
Monday	Ethics Class
Tuesday	Tutorial Hour
Wednesday	Extension Activity
Thursday	Social Service Hour
Friday	Club Activity

Clubs and Associations

Arts Club	It enables the students to experience and develop interest and enjoyment in their own creativity and that of others and to communicate their thoughts and ideas through visual and performing arts.
Sixth Sense Quiz Club	The Club meets regularly and conducts a number of quizzes on various topics of current relevance.
Harmony, the Music Club	The club provides a platform for students for self-expression through creative medium by promoting the musical talents of the students.
Red Ribbon Forum And Club 25	These are agencies within the college that are committed to extension services through Voluntary Blood Donation. The Club members are strong in their social responsibility of donating blood 25 times before they turn 25.
Mashithandu Club	The Club encourages the literary ability of the students and to enhance the knowledge in literature and modern literary theories.
Ephphatha Club	Its motto is “ageless body timeless mind”. To participate in a motivating and nurturing environment resulting in greater sense of wellbeing and self-esteem through meditation, personality development programmes, ethics class, value education and prayer.
Women on Wings Club	The club helps in opening new vistas for self employment and to develop entrepreneurship skills by training the students in hands on skill programmes
Vibrant Fitness Club	It helps to define the various health components of fitness. It also helps in the utilization of physical activity as a tool to manage stress.
Film Club	To provide educational opportunity outside the classrooms by helping students understand life through reels. It also promotes and encourages interest in films as an educational, cultural and artistic form.
Reading Club	The purpose is to create an opportunity for students to become enthusiastic and enthralled with the wonderful world of letters.
Bonjour All Saints’ – French Club	Provides opportunity to improve proficiency in the said foreign language through screening of French cinema, music and other French oriented activities – food festival, exhibition talks and workshop on spoken French language.
Debate club	Provides a platform for the students interested in public speaking and debates. It enhances students’ oratory and elocution skill through Inter-departmental competitions. It also helps in effective speaking to master



	and develop a vibrant personality. It helps in harnessing young minds to bring about eloquence in speech in the contemporary competitive world.
Bhoomitra Sena Club	Talks on environment issues in collaboration with the Forest Department are conducted with special focus on conservation. Field visits to dams, parks and forests is also a part of the programme. Students participate in programmes organized by NABARD, and KSCSTE.
Mother Teresa Human Values Club	Reaching out to the underprivileged is the main aim of the Club which focuses primarily on humane acts of service. This is reflected in its value education, awareness campaigns and outreach programmes. It Conducts classes on topics like –Human Values, Family skills, General life style related to Social Challenges, Service to to Humanity, etc.
ASCAA (All Saints College Alumni Association)	It helps to strengthen the relations and informs, engage and inspire alumni to stay connected to their Alma Mater. It also helps them to support the vision of the college and to contribute to its success.
ASCATA (All Saints College All Teachers Association)	Retired as well as present teachers are the active members of the association. They strive to maintain, deepen and strengthen an enduring lifelong relationship with the institution.
Departmental Associations	Each department has its own association that is inaugurated annually. Seminars, talks, and exhibitions form part of the activities conducted all through the year. It helps students to have an effective advancement programme through collaboration and discussions.
Parent-Teacher Association	It is active in contributing towards the academic, infrastructural and extra-curricular activities of the college – paying guest faculty salary, railway cross maintenance, half the electricity bill, University Youth festival expenditure towards training students, upkeep of computers in the computer labs and departments, question paper printing charges.

EXTENSION ACTIVITIES

The college is committed to moulding a generation who would utilize their skills for the betterment of the society. It is mandatory for every student to participate in any one of the following extension activities in the third and fourth semesters.

Extension Activities of Departments/ Activities/ Objectives	
Mathematics	Health Education
Conducts talks and seminars to educate the community on the need for proper diet – especially expecting mothers. Arrange medical camps for girls to make them aware of the need for personal hygiene. Classes on Yoga. Thereby making the students aware of the need for proper nutrition and a proper diet for a healthy lifestyle to adopt exercise as a part of their daily routine.	
Botany	Environmental Activities
Conducts seminars, workshops, exhibitions and awareness programmes on the conservation of Nature. Maintains a medicinal plant garden and a ‘Mahatmaji Jaivodyanam’ – a project sponsored by Kerala Biodiversity Board for the conservation of endemic trees. A Nakshatra Garden for the 27 stars in the Constellation is an activity adopted by the department too. To create in the students a love for nature by instilling in	



them the need for conserving nature and natural resources. A recent initiative is the establishment of a fruiting trees orchard.	
History & Politics	Human Rights Forum
Seminars and talks on Women's Rights and related topics by social activities. Visits to the Central Prison. Film shows on Human Rights leaders and their contribution. Debates, elocution and painting competitions on Human Rights related topics on December 10. Creating awareness on the importance of human rights and its violations prevalent in society like child labour, exploitation of women, discrimination and illegal arrest, thereby making the students conscious of their own rights and teaching them how to react against the gross violations in society.	
Commerce	Community Health Activity
Conducts awareness programmes on cancer detection, health and hygiene and waste management. Takes initiative for mosquito eradication programmes, beach cleaning programmes, domestic safety programmes and respiratory health measures. To solve the health issues faced by the community and to create awareness in them of better health and hygiene.	
English	Performing Arts Club-Folklore
Trains students for native songs and dances of Kerala in ethnic outfits. Conducts exhibitions highlighting the various folk arts of Kerala. Compiling of a collection of ten different folk tales of Kerala. To get an in-depth idea of the now extant forms of art and to study about them. It also focuses on their origin and peculiarities and to what extent they have influenced people and thereby appreciate the folk arts that existed in earlier times in different parts of Kerala.	
English	Theatre Club
To train students to stage plays, conduct Theatre workshops and analysis of various performance to bring forth the hidden talents in acting and performing. To familiarize students with the different aspects of dramatic performance.	
English	Literary Club
Conduct workshops and talks to improve the creativity of the students. Provide forums for the students to interact with writers and social activists and encourage them to create works that will benefit the society with words. Aims at developing the creativity in students. Motivate the students to write essays, short stories and poems.	
Chemistry	Science Club
To inculcate in students a scientific temper talks and discussions on recent findings in Science are conducted. Awareness programmes inside the campus for transferring new ideas in science to other students. Field visit to Vikram Sarabhai Space Centre. Students are made aware of the various developments in Science. It also creates innovative ideas for various applications in Science.	
Zoology	Kuruvi Nature Club /Eco Club
Organizes activities in lieu with the activities organized by WWF. To create awareness among students about fostering a genuine intimacy with Mother Nature. To update the knowledge about the environmental issues at the local, national and global levels and act on them.	
Malayalam	Women's Study Unit
Counselling and Empowerment Classes for women. Awareness about women harassment. Awareness on how women can use legal aid in voicing their exploitation.	
Economics	Kerala State Literacy Mission
Conducts classes to improve the three R's of the people of the community. Conducts Skill improvements classes to improve economic status and general wellbeing. Assist members of the community who have to drop out of the educational system to clear exams. Becoming aware of the causes of deprivation and moving towards amelioration of their condition by participating in the process of development. Imbibing values of national integration, conservation of environment, women's equality and observance of small family norms etc. Self-reliance in conduct	



Physics	People's Planning Forum
Students are encouraged to make presentations to overcome stage fear. Participation in debates to help them to face interviews and group discussions for their future ventures. Awareness on different alternatives available and to equip the students to make right and prompt decisions.	
All India Catholic University Federation (AICUF)	
Keeping the DRAW(Dalit-Refugees-Adivasis –Women) Commission in view the Unit organizes programmes towards the emancipation and empowerment of the marginalized through programmes like -‘Signature Campaigns’ ‘Walk for Peace’, ‘Black Day’, Rallies, Exposure Camps and ‘Awareness Campaigns’. Participation in National Programmes and International Conferences is also encouraged. The Institution emphasizes on the social responsibility and development of students thereby creating a growing awareness of social and personal responsibility among them.	
National Service Scheme (NSS)	
Regular activities and Special Annual Camp activities form part of the prescribed university programme. In keeping with the motto ‘Not Me But You’-It covers a wide range of activities like regular blood donations, building houses, cleaning drives, observance of national days, need analysis surveys, leadership camps, outreach programmes, distribution of food to the old age homes, anganwadi programmes and awareness classes on topics of relevance. To create an understanding of self in relation to the community. To identify the needs and problems of the community and help them in problems solving process. To develop a sense of social and civic responsibility. Personality development of the students.	

Incentives to Outstanding Sportspersons

- The College recommends the names of outstanding sportspersons to the University to make them eligible for **grace marks**.
- **Cash awards** are sponsored by the PTA. Prizes and certificates are awarded to students excelling in sports.
- **Professional coaching** is provided to the sports students to improve their performance at all levels.
- Close monitoring of their fitness profiles ensures an injury free sporting career, which is essential for a prolonged career in sports.
- The sports team is well trained and encouraged to join all competitions to help them gain exposure thereby equipping them for a good career in sports.
- Sports wear and a sports kit is provided to the students.
- Eventhough the college does not have a NCC Unit, interested and prospective candidates aspiring to join the NCC Wing are directed and assisted to join the course in nearby Colleges offering the same.

5.1.7. Support and Guidance to Students for Competitive Exams

The Post – graduate Departments offer coaching for competitive exams like JRF-UGC NET, Bank tests, PSC Tests, Entrance tests for Post Graduate Programs in other universities and other competitive exams.

- Study material is provided for the same through Book bank.
- The Career cell offers guidance through trained personnel on guidelines to face interviews for competitive exams like Bank test, CAT, MAT, Civil Services and TOEFL.



Competitive Exams	No. of Students Qualified
SLET/SET	487
NET	79
JRF	21
Civil services	2

5.1.8. Counseling services to the Students

The Counselling Cell with a professional Counsellor appointed on Campus monitors the activities to help students to cope with the harsh realities of life and to surmount stress. This ensures easy access and frequent follow-ups to safeguard the wellbeing of the students.

- Pre-marital counselling sessions by the **Womens' Studies Cell**.
- Talks are delivered on the topic like **"Problems of Adolescence"** in collaboration with the **Health service Centre , Govt. of Kerala** by the **Health And Fitness Club and the Ephphatah Club**.
- **Mentoring** is carried out by the class teachers and if necessary the ward is directed to the Counsellor for further assistance.
- Regular talks are conducted by eminent personalities like – lawyers, social activists, personnel from cyber-crime cell, and spiritual directors.
- **Ethics classes** are conducted every week and the focus is on systematic moral and mental growth.
- Regular prayer meetings and annual retreats for the students are conducted to help them gain spiritual wellbeing.
- Trained guidance is provided through Career Cell to help students make the right choice in taking up profession.

5.1.9 Career guidance and placement of students

The Career Guidance and Placement Cell effectively links potential employment agencies with the student community and acquaints them with the career opportunities available in the job market, thereby equipping them with skills to procure jobs. It organizes training programmes, orientation programmes, campus recruitment drives, job selection tests and job fairs, and invited lectures by experienced personnel to face interviews.

Campus Recruitments

Employer	Number of Placements
	Campus
G-Tech	1
WIPRPO	4
Genpact	13
Radio Mirchi	2
IBM	16
GNIIT	14
ICICI	11
Career Net Consultancy, Bangalore	15
Terumo Penpol	16
IBM, GPSS	11
Allianz Cornhill & Flipkart	14
ASAP	90



Career Orientation Programmes Conducted in the College

- Tandem Institute - Talk on “Career oriented accounting Package”
- TATA – AIG Life Insurance Company Ltd.- Recruitment of probationary managers through JIGAR
- Google India - Written Aptitude Test
- G-TEC - Job Fair
- Sabarigiri Centre for Management and Technology - Computer Quotient Test
- TIME - 20 hour Job oriented training programme
- CMC academy- A subsidiary of TATA Consultancy Service Ltd. - Job Fair
- DC School of Management and Tech. - Training programme on interview tips
- Amrita Vishwa Vidyapeetham -- an online tuition programme – A- VIEW
- ‘Paper Man’ – A Chennai based NGO - Orientation Programme
- ‘Shreds Kerala’- Registered Society for Human Resource Development Service ‘EDWISE’ - Talk on Career Guidance
- Frankfin Institute - Workshop for Airhostess training
- Networkz Systems - Seminar on ‘Awareness of Basics IT Essentials’
- NIIT - Talk related to Computer Languages
- Indian Institute for Human Settlements, Bangalore - National Student Challenge
- Hindustan Unilever Ltd. - Nationwide Campaign on Personality Development.
- ICFAI Business School - Group discussion on ‘Higher education’
- OZTERN - Seminar on ‘Unique Approach for Test Preparation’
- N & N Chopras – Lecture on ‘Career Pathway Planning- Future Studies Abroad’
- TIME - Seminar on ‘Beyond Graduation-career Option’
- Airline Institute - Training for Airline Jobs
- WE School - MIT – Media lab workshop
- Asian School of Business - Skill Enhancement and Employability development
- Centriq Academy for Training and Mentoring Pvt. Ltd. - Seminar on ‘Career Planning and Goal Setting - Guide to choose best career’
- Evan Business School - Group Discussion and personal interview
- Club FM - Talk on ‘Career and Job’
- ‘Orion’ - UAE. - Talk on job opportunities in UAE

5.1.10. Student Grievance Redressal Cell

The Institution has a Grievance Redressal Cell functioning with the Principal, Office Superintendent, two Senior Staff representatives and also the college Chairperson and Vice-Chairperson as student representatives on the committee. The complaints from students are addressed to the Principal through the student representatives which are then placed before the committee to be resolved. The issues are promptly taken up and proper remedies are sought. Some of the grievances placed before the committee thus far are:

- Students are in a quandary and find it difficult to reach the campus on time on their own vehicles because the railway gate remains closed in the morning.
- Many students stay back for remedial classes conducted from 3.30 to 4.30 pm and find it an arduous task to leave the campus later as there are few buses that ply through this route after college timings and the ladies only special busses arranged leave at 3.30 pm.



- The university examinations conducted in the afternoon especially on Fridays go upto 5.00 pm. There are girls coming from far and they are not able to get back home till late in the evening.
- The distances that these girls have to travel also hinder them from reaching the campus on time.

To cater to this problem of long distance travel, hostel facility is provided

- Students are not able to avail concessions by bus on days of strikes.
- Lack of frequent and ladies only bus services on route to college.

This grievance have been remedied with the introduction of two Ladies Only KSRTC Transport buses that are now plying on this route and this is a facility that is availed by many of the students especially during late evening hours after exams.

Some of the mentioned issues remain unresolved like exam timings as these are decided by the University but all the same recommendations have been placed before the syndicate for further consideration.

5.1.11. Provisions for Resolving Issues Pertaining to Sexual Harassment

- The Institution is a Women's College and as such does not face issues of sexual harassment on campus.
- All the same awareness and training is imparted to students in self-defense tactics through Karate classes that are made mandatory for student. Committees like - Women's Study Cell, AICUF, Human Rights Forum and PTA have taken keen interest in this area.
- Talks on Cyber-crimes and their Impact on society have been delivered by eminent personalities like:
 - Mr. Alexander Jacob (ADGP) IPS.
 - Mr. Vinaya Kumaran Nair, Crime Investigator, Trivandrum.
 - Mrs. Sandhya G. IPS
 - Dr. Mallika Sarabhai, social activist.
- Seminars are organised by the Kerala State Women's Development Corporation
- **Amrutha Mohan** Chairperson of the College Union was nominated in 2010 to the Selection Committee formed for developing dissemination strategies for "Self-Defence Mechanisms for Women"
- R. Parvathy Devi, an eminent journalist, delivered a lecture on the topic "Women and Media"
- Seminars and Debates are conducted on Gender Issues
- Black Day was observed in protest against the Delhi Rape to express solidarity - a talk followed by a silent candle light procession

Gender sensitization programmes include-

- Talk by Adv. Sandhya Shashitharan on "Dowry Prohibition Act"
- One day seminar on "Gender Awareness" by Dr. B. Sandhya, IPS
- Talk on "Women & Law" by Adv. Shri Bhuvanendran Nair

5.1.12. Anti-ragging Committee

As per the Govt. order and UGC regulation the college has constituted an **Anti-Ragging Committee** comprising of Management representative, Principal and two Staff members to inquire into issues of ragging. Ragging is strictly forbidden on campus and its mention is made in the rules in the Students'



Handbook. Every year at the commencement of first semester the rule is read on the public address system for a week. Talks and films regarding anti-ragging are shown to the students to make them aware and alert about the harmful effects of ragging on Campus. Submission of an undertaking duly signed by the candidate and the parents against the practice of ragging in any form is made mandatory at the time of admission. No serious issues have been reported till date. If any minor complaint is registered, the matter is immediately dealt with and promptly rectified by the Committee.

5.1.13 Welfare Schemes made Available to Students in the institution

- The project “Skill Enhancement Computer Training and Women’s Resource Centre in Colleges of Kerala” focuses on interventions in educational institutions established exclusively for women and has been formulated by the Government of India. All Saints’ College was selected for the programme in 2010. It provided all necessary assistance to students to upgrade this skill to suit the requirements of the Information Communication Technology and BPO industry.
- The financial assistance for the whole programme was provided by KSITM
- Financially backward students are funded by the college and fee concession is made available
- Students, teaching and non-teaching staff often raise funds through food fests, for needy students of the college, and also to provide medical aid to students suffering from incurable diseases.
- Departments have their own funds to provide aid to the students in form of books through book bank, lunch and also to fund the education for three years to help them complete the degree course.
- Teaching and Non-teaching Staff contribute towards the marriages of less privileged girls.
- Management fund also aids in providing necessary help to deserving support staff and students on campus in the form of building houses, marriages and medical aid.
- The PTA is another source, of funding the economically less privileged.
- To inculcate in students a spirit of sharing, the practice of ‘A Rupee a Day’ scheme has been started to help the needy on and off campus.
- Hostel accommodation is also made free to needy students.

5.1.14 Alumni Association

The body of ‘All Saints’ College Alumni Association’ (ASCAA) is a significant contributor to the betterment of the Alma Mater. It is a powerful benefactor of student welfare as well as an agent of growth and excellence.

- It is made mandatory for all outgoing students to become members of the association.
- A link is provided in the College website to facilitate former students to obtain membership.
- A Facebook page is also created to keep the members abreast with the news updates and accomplishments of the college.
- The ASCAA has been at the forefront of charitable ventures both on and off campus.



- As part of its college - society interface, the ASCAA organized free medical camps for the residents of Karikkakom village. Medicines prescribed by the doctors in the camp were distributed to the people free of cost.
- It has extended financial aid towards treatment of cancer patients and kidney dialysis.
- It felicitates students for all round excellence in the institution and for the same it has instituted the Best Outgoing student Award.
- It has regularly extended financial support to the economically challenged students.
- The Association sponsored an amount of Rs.15,000/- for the preparation of bio-diversity register- a requirement for the Green Award constituted by the Kerala State Bio-diversity Board.
- ASCAA also organizes regular departmental reunions.
- Alumni who have distinguished themselves as eminent personalities are invited on important occasions to their alma mater to interact with the student and share their experiences.
- The ASCAA has appointed the Counsellor to provide free counseling sessions for the students twice a week.

The ASCAA has funded the following projects

Project	Amount Contributed (₹)
Renovation of Tissue Culture Lab	35,000/-
Renovation of Principal's Room	30,000/-
Net Connection for Library	10,000/-
Carpet for Students' Computer Room	30,000/-
Documentary Film for Golden Jubilee	1,50,000/-
Total	2,55,000/-

- ASCAA members participate in all the activities of the college.
- ASCAA has contributed towards the intercollegiate fest 'ASCENSIO' conducted as part of the Golden Jubilee Celebrations.
- In connection with the Golden Jubilee Celebrations in 2014, the Alumni organized a reunion of all the batches together which was well attended by most of the former students. It was an overwhelming experience and a memorable event to document in the annals of the Institution to witness the presence of former students right from the inception of the college 1964 to be a part of the grand event.
- A noteworthy contribution of ASCAA was the production of the **Golden Jubilee** Documentary titled "**LIGHT IN LIFE**", showcasing the origin, growth and development of the Institution down 50 glorious years.

5.2. Student Progression

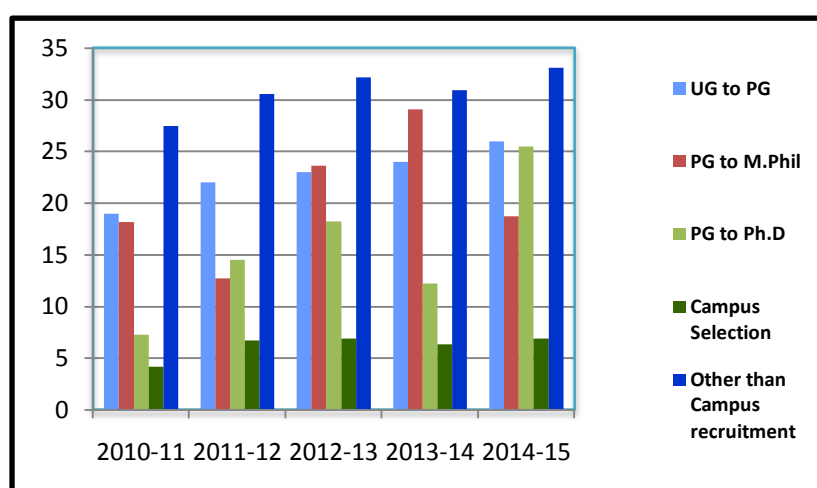
As an Institution, monitoring student progression and achievement has been an essential part of ensuring that the achievement of teaching and learning aims. A good number of students have joined post-graduation and other professional courses like MBA, ICWA, CA, CS, IAS, Journalism, Nursing, LLB, MSW, Performing arts, Music, Fashion designing, IATA, B.Ed , M.Phil and a selected number pursue Research. Students have been able to carve their own niche in different sectors through placements while pursuing their degree on campus and off campus as Entrepreneurs, Bank employees, Accountants, VSSC, IT sector, Teaching profession, Event managers, self employment and



ASAP trainers. Others have set up tuition centres or have taken up family business.

5.2.1 Student Progression to Higher Education or Employment

STUDENT PROGRESSION	2010-11 (%)	2011-12 (%)	2012-13 (%)	2013-14 (%)	2014-15 (%)
UG to PG	19	22	23	24	26
PG to M.Phil	18.18	12.72	23.64	29.09	18.73
PG. to Ph.D	7.27	14.55	18.26	12.26	25.45
EMPLOYED					
• Campus Selection	4.18	6.72	6.90	6.36	6.90
• Other than campus (Exact data not available)	27.45	30.54	32.18	30.90	33.09



a. Corporate Employment:

- Job Fairs by Allianz Cornhill and Flip kart, IBM, NIIT, G-tech, IBM, RR Donnelley, Techno park, Genpact, Wipro, Google and Terumo Penpol Entrepreneurship Development and Management of Enterprises(EDME), Government of Kerala's ASAP or Additional Skill Development Programmes helped students to get employed.
- **Opportunities provided for recruitment to various companies**

Organizations Visited	40
Number of Students Participated	6670
Number of Students Placed on Campus	171
Number of Students Placed (off campus) – (Approximately – Exact data not available)	848

b. Self employment:

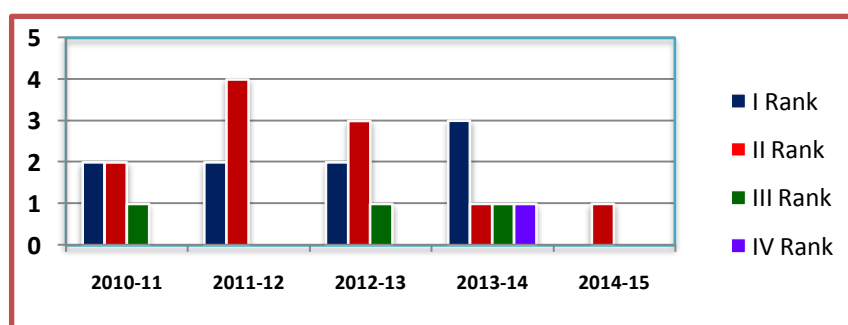
- The college has had a very promising certificate and diploma courses in Entrepreneurship Development and Management of Enterprises (EDME) in 2010 and at present the Ornamental Fish Culture programme, Tailoring Unit and Beauty Care Centre.
- Course in Mushroom Rearing - is a small-scale unit which provides sufficient mushrooms for sales to the canteen and staff.



- These courses have enabled the students to get an additional qualification along with their traditional degree course which has boosted their chances of self-employment.
- The college also provides a platform to inculcate habits of organic farming and medicinal garden.
- The Women on Wings Unit has taken a keen interest to equip the students to obtain hands on skills to set up their own enterprises.
- The areas where extensive number of students who have taken up sources of revenue are – Menendi designing, Beauty parlours, tailoring, garments boutique, catering, tour operators, event management, dance schools, tuition centres, computer DTP centres, plant nursery and organic farming.

5.2.2. Pass Percentage and Completion rate for the last four years Ranks Secured in the Last 5 years (2010 – 2015)

Subject	I Rank	II Rank	III Rank	IV Rank
2010-2011				
BA History	1	1	-	
BA Communicative English	1			
BSc Botany		1		
MCom			1	
2011-2012				
MCom	1	1		
BA Communicative English	1	1		
MA English		1		
2012-13				
BA English	1			
MSc Environmental Sciences	1			
BSc Zoology		2		
MCom		1		
BSc Botany			1	
2013-2014				
BA Economics	1			
BSc Mathematics	1			
BA Communicative English		1		
MA English			1	
BSc Chemistry				1
MSc Environmental Sciences	1			
2014-2015				
BSc Botany		1		





Pass Percentage of the College in University Examinations

Programme	Pass Percentage				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG					
Mathematics	100	98	86	98	86.95
Physics	82.6	100	95	83.3	85.7
Chemistry	70	76	81	84	92
Zoology	66.67	80	93	92	87.75
Botany	70	85	92	84	81
English	94	89	95	95	96
Comm.English	86	100	90	95	85
History	42	52	74	75	79
Economics	64	97	89	76	94
B.Com (Finance)	96.67	100	96	96.72	100
PG					
MA English	100	100	99	100	Result Awaiting
M.Sc Env't. Sciences	100	92	100	100	
M.Com	100	92.86	94.12	89.47	

A comparison between All Saints' College (ASC), Tvm and St Xavier's College (SXC), Thumba, Tvm in the Same City

Programme	Pass Percentage									
	2010-11		2011-12		2012-13		2013-14		2014-15	
	ASC	SXC	ASC	SXC	ASC	SXC	ASC	SXC	ASC	SXC
UG										
Mathematics	100	83.33	98	72.97	95	57.58	98	65.12	86.95	67.57
Physics	86.6	86.49	100	60.53	95	77.78	83.3	88.57	85.7	68.57
Chemistry	70	94.44	76	83.78	81	57.58	84.3	66.67	92	82.93
Zoology	66.67	-	66.67	-	75.61	-	73.93	-	87.75	-
Botany	70	-	85	-	92	-	84	-	81	-
English	94	-	89	-	95	-	95	-	96	-
Comm.English	90	-	100	-	90	-	95	-	85	-
History	42	44.23	52	58.33	74	55.81	75	64.29	79	76.32
Economics	64	11.9	97	50	89	27.59	76	63.16	94	55.17
B.Com (Finance)	96.67	87.5	100	92.98	96	79.66	96.72	85.25	100	94.74
PG										
MA English	100	-	100	-	99	-	100	-	-	Result awaiting
M.Sc Evnt. Sciences	100	-	92	-	100	-	100	-	-	
M.Com	100	-	92.86	-	94.12	-	89.47	-	-	

5.2.3 Student Progression to Higher Level of Education and Employment

- The Three PG programmes and One Research Centre to the credit of the Institution channels the students' proficiency through programmes like the orientation, seminars, and workshops to help them pursue higher learning in institutions of national repute.
- Coaching classes are offered to students to clear UGC NET and other competitive exams like Bank tests, entrance tests for Post Graduate Programs in other universities by the Post Graduate departments.



- The Career guidance cell plays a vital role in facilitating campus recruitment through coaching to help students face Interviews & Group Discussions.
- Various departments support the activities of the Placement Cell in an effort to strengthen IT industry and academia linkages.
- ELSA (English Language Skills Acquisition) and the Neuro Linguistic program conducted by the Department of English has proved beneficial for all kinds of competitive exams.
- **New Academic programmes initiated (UG and PG)**
 - UG in B.Com Travels and Tourism Management has been introduced in 2014
- **Inter-disciplinary programmes**
 - Two inter-disciplinary programmes have been regularized – B.A. Communicative English and M.Sc. Environmental Sciences. The Post-Graduate Department of Environmental Sciences was constituted as a separate department from October, 2011 following the appointment of four Assistant Professors in the same.
 - A short term inter-disciplinary initiative was also organized. In collaboration with Kerala State Biodiversity Board, documentation of the floral diversity of All Saints' College Campus was jointly carried out by the Departments of Botany and Zoology. The documentation was completed in December 2011.
- **Innovations in Curricular Design and Transaction**
 - The introduction of the Choice Based Credit and Semester System by the University has facilitated a more intensive system of instruction and response.
 - The students have report writing as part of internal assessment.
 - Student seminars and presentations are added to complement the written assignments as part of the internal assessment of the Semester System.
 - Eight classrooms were installed with ICT facility – that aids an integral part of the classroom experience.
 - The system of peer teaching has been intensified and streamlined to assist slow learners.
- **Examination Reforms Implemented**
 - To ensure smooth functioning of the college examinations, the Exam Committee consisting of a Coordinator and conveners from each department meet twice each semester to coordinate the schedule of the internal assessments and the preparation of the consolidated grade sheet.
 - The Chief Superintendent of Examinations assisted with one faculty and two support staff – aid in the smooth running of all University examinations.
 - As per the requirements of Semester System introduced by the University, the system of continuous evaluation has been put in place. Apart from regular internal assessment, two internal examinations are conducted.
 - These exams are based on the scale of the University Semester exams and incorporate the model of the question paper.
 - The students thus are quite accustomed to the style and pattern of the Semester exam due to the conduct of similar tests administered.
- **Increase in the Infrastructural Facilities**
 - A well furnished computer lab is set up as a centre for Womens' Resource Development with 25 computers.
 - The college has purchased a high quality camera and a Handycam for the purpose of documenting the various functions and for documentation in science projects.



- The library has been streamlined through the use of OPAC and the Bar Coding Facility.
- With the sanctioning of four minor and one major project, the infrastructural facilities of the College, in terms of lab equipment, books and resources have increased significantly.
- 2 more DVD players have been purchased for enabling the students to practice for the various cultural competitions.
- 8 CD players have been purchased for the Department of English to ensure the full benefits of the curriculum to teach Listening and speaking skills.
- A 62 KV Generator installed to ensure uninterrupted power supply.
- The Principal's Room has been equipped with an extra built-in wall-cupboard for additional storage space.
- The Audio-Visual Room has been refurbished and renovated to serve the dual purpose of a seminar hall as well. It is well equipped with a new sound system, LCD projector, lecture chairs and a TV set. An air conditioner has also been installed.
- A Language Lab has been set up with 37 computers, a web cam and internet facility and each computer set is provided with a sound system and a head phone.
- A Microbial-Composting Unit has been set up in the campus in association with BhoomitraSena Club.
- All departments have been renovated and tiled and provided with computers, new chairs, cupboards, furnishing and glass tabletops.
- 3 Bio-Gas Units have been installed in the college campus to treat bio waste.
- A solar green energy unit has been installed.
- A Poly House providing 30% shade for plants is set up as part of the UGC Minor Project for keeping different accessions of the medicinal plant, Brahmi (*Bacopa monnieri*), collected from locations throughout Kerala.
- A Materials Science Research Lab is set up as part of the UGC Major Project in Physics.
- A Ladies Common Room has been built.

➤ **Technology Upgradation**

- The introduction of WEB-OPAC.
- Gate Registers at the Library have been computerized and security cameras have been installed.
- The requisite technology and infrastructural facilities are put in place to ensure a smooth interface with the University for the Admission, registration and online hall ticket access for the students.
- Increased use of multimedia as required by the curriculum has seen a surge in the use of appropriate CD ROMs
- All departments have been provided with Internet facility and the upgrading and maintenance of computers is done on a regular basis.
- 10 ICT enabled classrooms with plans to extend the facility to more classes.
- The latest laboratory equipment was purchased for the Zoology, Botany and Chemistry departments to modernize and update the labs. These include a digital pH Meter, digital potentiometer and electronic balances among others.
- A digital notice board was installed for real-time announcements.



➤ **Computer and Internet access and training to teachers and students**

- Students have free access to internet facility for academic purposes.
- The Language Lab assists the students in improving their proficiency in English as well as in other foreign languages.
- All Departments have been provided with internet facility.
- Wi-Fi facility is made available only to staff.
- Facility for reprography and printing is available for students and staff.
- Students are being trained to use computer and to gain proficiency in the same
- The various scholarship schemes for the students are applied online and monitored on a regular basis.
- Registration of the UG & PG students as per the norms of the CBCSS is done online together with all other transactions with the University such as payment of fees and obtaining of hall tickets.

➤ **Improvements in Library Service**

- Six computers with Internet facility have been added to provide students with access to online resources within the campus.
- A new printer has been installed with scanning, reprographic and printing facility.
- The newly introduced N-LIST programme enables the staff and students to access more than 1200 e-journals and 55,100 e-books.

Number and Cost of Books/ Journals subscribed

Total number of books	51800
Total number- national/international journals (old and new)	93
Total cost of new books and Journals	₹ 1,65,000/-
Total cost of new books and journals	₹ 1, 79,228/-

➤ **Linkages Developed**

- The College was chosen as centre of the Kerala State IT Mission's initiative - under the project "Skill Enhancement Computer Training and Women's Resource Centre in Colleges of Kerala".
- The College has also been a centre for "Online Gurukul", an online tuition programme conducted by Amrita ViswaVidyapeetham University, Vallikavu.
- The BhoomitraSena Club is registered under the Government Agency Directorate of Climate Change and Environment.
- The Red Ribbon Club together with support from the AIDS Control Society collaborates with the NSS in the college to promote voluntary blood donations and to heighten awareness of AIDS
- The College serves as a training partner for the ASAP programme- an initiative of the Kerala Higher Education Department, Government of Kerala.

➤ **Contribution of IQAC in Enhancing Student Support Services**

- An Orientation course is given to students at the start of the academic year about the course structure, description & details of syllabus.
- Bridge courses are conducted for first year students
- Orient students are assisted in choosing various extension activities and clubs functioning in the college
- It encourages students to participate in sports and cultural activities and due training is given for the same



- It familiarizes students about the various open courses and add-on courses offered by the college.
- Career Guidance Cell coaches students to face Interviews & Group Discussions. Opportunities are given to students for being recruited to various companies.
- Coaching is provided to students to clear UGC/NET and other competitive exams.

➤ **Efforts of the Institution for Tracking the Progression**

- Periodic Internal assessment and remedial steps taken help to improve the quality of performance of the academically weak students.
- Department level PTA meetings are conducted on a regular basis to help the parents to track the students' progression as well and to cooperate with the teachers in helping the students to better their performance.
- Remedial classes are arranged for slow learners.
- **'Each One Teach One'** strategy is developed where the fast learners assist the slow learners.
- Mock competitive exams are conducted regularly.

5.2.4. Special Support to Students at Risk of Failure and Drop out

- The dropout rate for various courses is negligible.
- In case of probable drop outs, the reasons are identified, and rectified through financial and emotional support with proper guidance through counselling.
- Marriage and pregnancy are the major causes identified for dropouts.
- If the problem happens to be a personal one, the effective counseling system prevalent in the college ensures that it is remedied with the sensitivity and confidentiality it requires.
- The college has been in the forefront in providing education and financial help to the deserving students. Apart from providing support to the needy students, the college has also taken keen interest in providing facilities that would enhance the overall learning of the students.
- The college hosts a number of programmes to cater to the intellectual, psychological and social needs of the students.
- Some of the initiatives spear headed by the college include: Remedial Classes, distributing Stationary kits to students, setting up of a department library, Counseling Service, Bridge Course, WWS and SSP, Language Lab, ELSA and NET/SET coaching.

Remedial Classes

- Remedial classes are taken up regularly to help the lower-achieving stratum of the college to cope up with the syllabus.
- Special coaching and exams are arranged for students whose performance is not up to the mark.
- The students, especially those who have done their schooling in Malayalam medium, are provided with a foundation in basic grammar and language skill. The classes are highly beneficial for the students.
- Individualized attention and lessons on public speaking help the students to gain confidence in speaking English effortlessly.



Stationary kit

- Students from financially backward families are given textbooks and notebooks to ease the monetary burden that hurdles them in the way to realization of their academic goals.
- Selected final year students are given 10 notebooks each and textbooks collected from the outgoing students.

Mentoring and Tutoring

- The faculty mentors the students for tackling their personal, social, economic, academic and other problems and guides them for a confident lifestyle.
- Financial aid is provided to students from economically challenged families.
- These initiatives have created a bond amongst the students and teachers leading to a feeling of satisfaction and faith.
- The class teachers keep a track of the academic performance of the students and hold a one-to-one meeting with the students at the end of each academic year to help the students evaluate their academic progress understand their weak areas and channelize their goals in the right direction.
- Teachers also discuss the progress of the students with parents and take appropriate steps in cases where it is deemed necessary.

Language Lab

- The language lab aids the students in the art of communicating in English and other foreign languages in the most effective way.
- The state-of-the-art facility has recording play back, one-in -one interaction etc. for language learning and enhancement of effective communication skill.

Dropout rate recorded

Year	Dropout (%)
2010-2011	1.1
2011-2012	1.0
2012-2013	1.2
2013-2014	1.2
2014-2015	1.2

5.3. Student Participation and Activities

5.3.1 Range of Sports, Games, Cultural and Extracurricular Activities

The Institution takes keen interest in encouraging and promoting the talents and interests of the students by providing them all the necessary facilities and training through well-functioning clubs. There is a daily set timetable followed to help the students plan and organize programmes in their selected clubs. The various departments also organize inter collegiate, inter-departmental and intra-departmental competitions to spur their enthusiasm for creativity.

Major Achievements in Sports and Games

Sports and Games

- The students have performed exceptionally well in the various competitions and have won accolades at the District, State and University level.
- The students have been selected to the National, State and University teams of Softball, Handball, Cricket, Netball, Wushu and Football.
- Professional coaching is provided for various sports and this has reflected in their performance to a great degree.
- They have also excelled in chess, swimming, Kho-Kho and athletics as well.



International Level

Anjitha S. and Jobi S.J. participated in the Indian Rugby Camp for International Games.

National Level

- Jobi S. J of DC III History participated in Rugby at the 35th National Games and won the **Bronze medal**.
- The College won the runner-up place in the South India Intercollegiate Handball Tournament.
- Divya S., History got selection for the Womens National Handball competitions at Bihar.

State Level

- College secured IV position in Volley Ball Inter Collegiate tournaments held at TKM engineering college Kollam.
- The College Cricket team were the Runner-up of the inter- collegiate Cricket Championship at Christian College, Chenganoor.

District Level

- First Prize in 100 Mt Race- Anjitha S. for Keralosavam district level.
- First Prize for 200 Mt Race- Anjitha S. for Keralosavam district level

University Level

- The college won the University Handball Championship held at L.N.C.P.E, Kariavattom.
- Saranya S.S secured Second Prize in the Pole-Vault and Rejani John secured the Third Prize for the 5 km walking race in the 72nd Kerala University Inter-Collegiate Athletic Meet
- The College Team also won the third place for March Past in University Inter-Collegiate Athletic Meet.

Inter-Collegiate Level

- Miss Arya. S won the first prize in the intercollegiate cricket competition held at Chenganoor Christian College
- The College won the Third place in Cricket in intercollegiate competition.
- The Hand ball team was the winner of the inter-collegiate Handball Championship.
- Dhanya T. secured the Third Prize in 100m Breaststroke in the Inter-Collegiate Aquatic Championship held at LNCPE.
- The Hockey team won the third position held at LNCPE Kariavattom.
- The Base ball Team secured the third place in the inter collegiate Base Ball Championship.
- Namitha Narayanan was the Individual Champion in the Inter collegiate Chess Competition.
- Stephila K. was a member of the All Saints' College team which secured second place in the Kerala University Inter – Collegiate (Inter – Zone) Football (W) Tournament.
- Haripriya P. Nair was a member of the All Saints' College team which secured third place in the Kerala University Inter Collegiate Handball Tournament.
- The College Base ball Team secured the first place in the inter collegiate Base Ball Champion ship at University Stadium, Trivandrum.



Special Recognition in Extracurricular Activities

Indu Thampy	Winner of Miss Kerala title 2010 Winner of All Kerala Poetry slam contest conducted by the US consulate last year. Currently acting in a Malayalam movie " Anabella " as the female lead.
Madhavi Chandhran	Winner of the ' Spirit of Youth ' award for the best dancer for the year 2011 which is an international level competition. Performed at the inaugural day of Music Academy, Chennai. Performed at Nishagandhi Festival at Trivandrum.
Chinnu Nair	One of the 20 finalists of RKV Giants Eastern Nobel , a personality pageant.State champion of SKIS- Spelling Bee .
Amrutha Mohan	Best Cultural Performer at All India Vayu Sainik camps cultural camp (All India) items performed kalari and drum. She has her own Rock Band - has performed at Trivandrum club and Somatheeram beach resort.
Sreeja S	A dance programme at Botswana in South Africa for the South Africa Malayalee fest before the Football World Cup. This was sponsored by the Kerala Samajam.
Surya K	Presented a paper at a Seminar in Hindi for College students organized by Hindustan Life Care Limited on the topic Contributions of Hindustan Latex Limited Life Care in improving the health care delivery in India on 10th March, 2011. She won the consolation prize.
Surya K and Srithi S Thampy	1st prize in the painting competition jointly organized by the Department of Information and Public relations, Government of Kerala and the Centre for Ghandhian Studies 2010
Nature Club, All Saints College	Won the 1st prize for sighting 87 bird species , in the Kerala Bird Race 2010, on 14, November, 2010 sponsored by HSBC and coordinated by WWF-India, Kerala State Office and Warblers & Waders, the Nature Club members.
Divya R H	Received award for the Best NSS Volunteer in All Saints'
Aparna Lakshmi	Literature published her debut novel, "Pardha of My Feelings."
Navaneetha G	The book of poetry " MY SOUL SINGS " was released on 13 th August, 2014
<p style="text-align: center;">Amrutha Mohan has the following credits to her name:</p> <ul style="list-style-type: none"> ➤ 1st girl to ride a HARLEY DAVIDSON bike in Kerala. ➤ Won the National Level Competition "Fame in 5mins" contest conducted by DC School of Management and Technology, Idukki on December 13, 2011. ➤ Selected as the Youth Icon on January 15, 2012 by Bharatiya Vichara Kendram. ➤ Compered for two auto shows on bikes and cars– Jaihind channel's 'On Road' and Kairali We Channel's 'On Wheels'. ➤ Acted in a Malayalam Movie, 'Breaking News Live'. ➤ Was promoted from Sergeant to Warrant Officer in Air Wing NCC. ➤ Won the National level Inter-Collegiate Personality contest "Miss Cross Roads" conducted by Mar Baselios College of Engineering. ➤ Was selected as Radio Jockey (RJ) by Radio Mirchi. ➤ Inaugurated the promotion show of Ducati, an international Super Bike on February 12, 2012. ➤ Won the Personality contest "Miss Renvenza" conducted by Kariavattom College of Engineering. ➤ Was selected as a member of the committee by the Kerala State Women's Development Corporation for project, "Self-Defence Mechanism for Women." 	



- ❖ Details of Participation and Achievements of Students in Sports, Games, Cultural and Extracurricular Activities in the last four years
 - **Refer Annexure - IV**
- ❖ The Programme Calendar of the College Annual Cultural Activities
 - **Refer Annexure –IV**

5.3.2 Major Achievements in Co-curricular, Extracurricular and Cultural Activities for the Last Four Years

- **Refer Annexure-IV**

The students have brought laurels to the college through stellar performances in literary events and cultural performances.

- The College secured **SECOND** place in the Kerala University Youth Festival in 2010-2011.
- The students participated in the Kerala Science Congress
- A mega event '**ASCENSIO**' – An inter-collegiate Fest was organized by the student fraternity
- It is a matter of pride to the Institution to acclaim that all down the years students have maintained their excellent track record in sports, cultural and extra curricular events holding their own stand even in fests and competitions dominated by co-educational institutions.

❖ **Achievements in Sports, Cultural & Extra Curricular Events**

Year	Sports	Culturals	Extra Curricular
2010-11	6	17	35
2011-12	11	10	16
2012-13	4	14	11
2013-14	7	9	23
2014-15	13	15	26

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

Year	University level	State level	National level	International level
2010-2011	128	4	16	-
2011-2012	132	6	18	-
2012-2013	156	6	18	1
2013-2014	172	6	26	1
2014-2015	176	21	36	-

5.3.3. Use of Data and feedback from Graduates and Employers, to improve the performance and quality of the institutional provisions

The IQAC monitors the performance and quality of the Institution through feedback from students, parents, teachers and Alumni. The students fill in the provided forms based on teacher performance. The same is collected and assessed. Remedial measures are initiated and closely monitored.

A questionnaire was given to students for marking their answers by indicating their options. Questions in the questionnaire were rated on a five point scale from 1 to 5 for options ranging from not at all to extremely. Descriptive Statistics were used to analyse the data. The inferences of the statistical analysis was as given below:

a. Inference of Feedback analysis- Students

Students are very much satisfied with teaching faculty, office staffs, library facilities, class room and infrastructural facilities, extracurricular activities,



counselling and complaints redressal facilities and basic health facilities. They feel physically and emotionally safe on campus. Some students need extra academic help from teachers.

b. Inference Feedback analysis - Faculty

Teachers are very much satisfied with the opportunity for their career growth, technological facilities available for teaching, syllabus, library facility, club activities, and support from the management, other staff members and office staffs. They think that caliber of students who seek admission needs to be improved. Majority of teachers have a feeling that all their goals are achieved being the part of this college.

c. Inference of Feedback analysis- Alumni

Alumnae feel that the impact of college for their career and overall growth is very high. Teaching and learning strategies in the college are very effective. Infrastructural facilities are improved over years. IT facilities have also improved over the time. The college facilitates alumni get together occasionally. They think that connecting them through social networking and technology needs to be improved. Their opportunity to provide feedback needs to be improved. They think that the best thing about the college is its teaching faculty and nothing is there in the negative side.

d. Inference of Feedback analysis- Parents

Parents are very much satisfied with the teaching faculty, office staffs, infrastructural facilities, extracurricular activities. They are extremely happy with the safety and security of their wards in the college. They are a little involved with other parent groups in the college. They meet the teachers once or twice in a year. They are extremely happy to recommend this college to other students.

5.3.4. Wall /College Magazines, and other Publications by Students

- Students from all departments contribute to the College Magazine.
- All departments have their own Magazine for students to showcase their literary and artistic creativity.
- Departments give full encouragement and support to students to participate in academic seminars, present papers and to publish papers, novels as well as their own poetry collections.
- There are competitions (College Arts Festival, ASCENCIO, competitions) held in various genres like essay, versification, short story, etc to motivate students to read and write.

5.3.5. Student Council - Its Selection, Constitution, Activities and Funding

- The Student Union is constituted as per the rules and regulations of the University of Kerala.
- The Union consists of eight members - Chairperson, Vice Chairperson, General Secretary, Arts club Secretary, Magazine Editor, Two University Union Councillors and Sports Secretary.
- Being the Elected representatives of the students, they are consulted in all matters relating to Students. Two representatives are elected from each class to assist them in all their endeavours.
- As there is no party politics on the Campus, the College is free of political interference; there is a fair and friendly spirit of interaction among the students. They are given training in taking up responsible leadership.



- The activities of the College Union for the academic year begin with a formal inauguration.
- Various cultural competitions conducted by the Union, provide suitable venue for the students to highlight their multi-faceted talents.
- All activities in the College such as celebration of festivals like Onam, Christmas, Days of National importance, Teachers day, Cultural Fests, College Beauty Pageant, Film & Food festival, University Youth Festival and many others are organized with the wholehearted support and cooperation of the Union.
- The fund for the activities of the Students is met by the College and the PTA.

5.3.6 Academic and Administrative Bodies with Student Representatives

- Students have representation in various academic and administrative bodies.
- For every class there is a class representative and an assistant, who represent the class in all academic activities.
- There are representatives for each activity like the National Social Service, Magazine, Associations, Clubs, and Library.
- The Chairperson and General Secretary are members of the IQAC.

5.3.7 Networking and Collaboration with Alumni and Former Faculty

ASCATA

- The '**All Saints' College All Teachers Association**' is a body formed by teachers in the year 2006 of those currently working as well as those who have retired from the college.
- ASCATA has a number of charitable ventures and also supports financially challenged students. It has a considerable social presence.
- Apart from the regular meetings, it has held a grand function to honour the retired teachers who had completed seventy years of age in 2010. This event was well attended and was presided over by the Manager, Mother Mary Frances.
- It organizes meetings thrice a year for Onam, Christmas and Faculty Farewell Celebrations which provides opportunities for the new recruited staff to interact and get to know the strong former stalwarts of the Institution.
- Donations in the form of cash are made every year to '**Akashaparavakal**', a Home for the Aged.

ASCAA

The '**All Saints' College Alumni Association**' is the body of all graduated students of the Institution down the years from its inception. The members take keen interest in the wellbeing of the Institution and the student fraternity. Scholarships have been instituted for the best performers of the college. They organize departmental alumnae meet as well as participate in the yearly college alumnae meet. The members keep in touch with the faculty through the Social media. The very former alumnae can register through the College website. The association makes valuable contribution to the activities in the college and one of the commendable contribution from the Association was the College Documentary on the event of the Golden jubilee of the Institution in 2014.

Any other relevant information regarding Student Support and Progression which the College would like to include.



CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1. Institutional Vision & Leadership

Vision

The vision is to reach out to young women in all sections of society in the spirit of our Foundress to effect intellectual growth, social transformation, women empowerment and in doing so, build up the individual, society and the nation.

Mission

The mission is to reach out to all God's children, especially girls, women and the marginalized and strive to produce intellectually competent, morally upright, socially committed and spiritually inspired persons, to act as leavens in society and create a new world order of love and brotherhood.

Charateristics of the Institution Defined by the Mission Statement

All Saints' College run by the Congregation of the Carmelite Religious was instituted with a vision of providing value based quality education to young women in order to groom them into morally upright, academically proficient, financially independent and socially responsible citizens. The college has developed into a centre of academic excellence equipping its students with both knowledge and skills to meet the socio-economic, cultural and technological challenges and demands of the society.

The College aims at providing equal opportunity for good education to all and no discrimination is made on the basis of socio-economic background or caste and creed. Student admission is as per the Single Window System initiated by the University of Kerala. In order to avoid unfair practices students are given the option of selecting three colleges of their preference. Admission is done purely on the basis of merit and students are informed of their selection via the notification on the University website following which the students are requested to attend an interview at the selected institution and admitted into the course of their preference. Strategies have been adopted by the institution to satisfy the needs of the students from diverse backgrounds including socio-economic backward community complying with all the norms of the Government. Since the curriculum is based on the Choice Based Credit and Semester System (CBCSS), quality of student performance is closely followed and monitored at the class level, HOD and institutional level. The institution adopts a Learner-centric education approach, with improved use of modern teaching-learning aids and application of ICT resources to facilitate effective learning outcome. Within a class, group tutors are selected to provide academic counseling and ensure that peer teaching is carried out effectively during daily tutorial hours. Eligible students are encouraged to avail themselves of various scholarships offered at the State, National and International levels.

The college moulds the students intellectually and spiritually and promotes their participation in community services through extension programmes, to develop innovative value-based education. Constant encouragement for participation in cultural and sports activities also ensures a holistic development of students. Efficient functioning of career guidance cell, grievance redressal cell, counseling cell, discipline committee and remedial coaching ensure overall welfare of all students on campus. The introduction of



career- oriented vocational courses and IGNOU study centre are further steps taken by the institution to address the needs of the student community. The college takes active measures to ensure the development of a research culture among the faculty and students. Regular training and orientation programmes enhance the quality of the teaching faculty. In addition to its pursuit of academic excellence the college also takes steps to develop a spirit of unity, mutual respect and strong friendship among the staff and students both within and outside the campus.

Over the years, in keeping with the motto –“*DUC LUX BENIGNA*” **Lead Kindly Light**- the words of Cardinal Newman, asking Gods Light to lead on step by step to the knowledge of truth, the institution has successfully moulded a very large number of intellectually competent women possessing strong ethics, empathy, social consciousness and commitment who act as leavens in society and create a new world order of love in the society in which they live. The institution strives to continue to fulfill its mission of facilitating intellectual and moral development while enriching them with the qualities of integrity, diligence, fair-mindedness and respect for all forms of life so that the young women who enter the portals of this reputed institution become the agents of change in the community for whom the College was set up and in the larger society.

6.1.2. Role of Top Management, Principal and Faculty in Design and Implementation of its Quality Policy and Plans

All Saints’ College envisions the education of women, particularly of those belonging to the economically weaker sections of the society as the means of empowering them to meet the demands of the present day world. The Governing Body is the forum for policy making decisions for all the endeavors of the College and is represented by the various stakeholders (representatives of the government, academia, Parents, Alumnae, Staff, Students, the Manager and Principal). At the institutional level, the Managing Committee comprised of the elected representatives of the Management and the Principal conduct periodic meetings whwer in the Principal briefs the Management on all matters concerned with the effective functioning of the institution. The Management also receives feedback from the general staff meetings, meetings with Heads of Departments, the Admission Committee, Examination Committee and various other committees and these are then taken up at the Governing Body meetings for policy decisions. Plans and policies in accordance with the vision and mission are designed with efficient co-ordination of the Management and internal management under the leadership of the Principal, ensuring the continuation of its tradition of academic excellence. Decisions and suggestions of the Governing Body are informed to the Heads of Departments and Staff during regular meetings. Such meetings provide a platform for sharing of ideas and presentation of views, aimed at enhancing the effectiveness of all activities undertaken.

At the Department level, all Heads assume responsibility to ensure the implementation of the policies by the members of teaching and the support staff. The performance of faculty is closely scrutinized by the Principal and evaluated on an annual basis by the students. The quality framework with performance indicators is formulated as per the guidelines issued by the Kerala State Higher Education Council as recommended by the UGC, Government and the University.

The IQAC that aims at quality sustenance has been coordinating and supervising the post-accreditation programmes. It develops an action plan for the



academic year and forwards suggestions and recommendations related to need-based academic programmes and the improvement of infrastructural facilities. The IQAC is comprised of the following members:

Principal (Chairperson)
Teachers (Heads of departments -10)
Administrative/Technical staff (1)
Students (2)
Management representatives (2)
Alumni (2)
Community representatives (2)
Employers/ Industrialists (1)
External Experts (2)

The IQAC ensures the effective functioning of the following bodies functioning within the college for monitoring and decision making process.

1. Central Planning Committee
2. Discipline Committee
3. Anti-Ragging Grievance Redressal Cell
4. Examination Committee
5. Library Committee
6. Ethics Committee
7. Career Guidance Cell
8. Parent-Teacher Association (PTA)
9. Research Committee
10. Website Committee
11. IT Committee
12. Info Bank
13. Feedback Committee
14. Entrepreneurship Committee
15. Consultancy Services
16. Cultural Programme Committee
17. Counselling Cell.
18. Campus Beautification Committee
19. Special Grievance Cell for the Welfare of SC/ST students
20. Grievance Redressal Cell for Staff and Students.

The Governing Body, the IQAC and the Staff have always been working in tandem for designing and implementation of quality policy in the institution.

6.1.3. Involvement of the Leadership in Ensuring

- **The Policy Statements and Action plans for fulfillment of the mission**

The Principal supported by the Management and staff is at the helm of affairs of the administration and plays a leading role in governance and management of the institution. At the beginning of each academic year the Principal, facilitated by the Governing body and its sub-committees instructs the faculty of new plans to be implemented in adherence to the quality policy of the institution. The College Council is a statutory body comprised of the Heads of Departments, elected representatives from the teaching staff, a representative of the Management and the Principal (Chairperson) that works in collaboration in all academic and administrative matters. The Council meets the various committees at regular intervals to plan curricular and co-curricular activities and closely supervises the



implementation of all the plans. The Principal monitors the process of implementation of various plans and ensures transparency in the functioning of the college while serving as the coordinating link between various internal and external agencies. She ensures that the staff members efficiently carry out the duties allotted to them while focusing on the vision and mission of the institution.

- **Formulation of Action Plans and Incorporation of the same into the Institutional Strategic Plan**

At the beginning of each academic year, the College Council formulates long and short-term action plans and instructs the Departments to ensure that the formulated plans are carried out faithfully. While formulating the action plans, the institution keeps in mind the academic demands, and designs teaching and examination programmes accordingly. All major plans and decisions are taken in consultations with different committees and associations, keeping in mind the interest and welfare of the students. Furthermore the institution takes initiative to run innovative programmes. Departments are also encouraged to make any necessary additions to the action plan, which may be implemented after approval by the College Council. The Head of Departments monitor the step-wise implementation of the plans. If any activity does not comply with the formulated plans, the College Council takes remedial measures to solve the problem at the earliest.

- **Interaction with Stake holders**

The leadership ensures that all stakeholders - students, parents, local community, governments and non-governmental bodies, that the college is affiliated or attached to, participate in institutional planning and are kept informed and notified of any policy change or plans made for the betterment and progress of the College. This is achieved through quality interactions like –

- ◆ Meetings of parents and students with the Manager, Principal and Heads of Departments either at the time of admission or PTA meetings.
- ◆ Regular meetings of the Governing Council and IQAC.
- ◆ Meetings of the student council with Principal and faculty for annual planning and evaluation.
- ◆ Meetings with employers and other training agencies.
- ◆ Extension programmes of the departments to address immediate needs of the society.
- ◆ Alumni meetings and interaction with students.
- ◆ Feedback from prominent personalities and virtuosos from various fields that are invited to various functions in college for lectures.

- **Proper Support for Policy and Planning through Need Analysis, Research inputs and Consultation with the Stakeholders**

The College has established an effective monitoring mechanism through the co-ordination between the Teaching & Non-teaching staff under the leadership of the Principal. The Principal receives feedback from the Heads of all departments regarding the progress of the teaching-learning process and day to day functioning of the department. Teamwork by the dedicated staff ensures the implementation of each strategy that includes planning, capacity building; resource mobilization and evaluation that enhances the quality of function of the institution as a whole. Need Analysis is regularly conducted by various committees instituted by the Governing Council (Purchase Committee, Research



Committee, Library Committee, Managing Committee, Student Council) through feedback and periodic assessment of the action plans.

The Principal attends meetings and interacts regularly with the University, Higher Education Council and Directorate of Collegiate Education. The faculty too is required to attend meetings convened by these bodies. The Research committee constituted to enhance the academic programmes keeps the faculty informed of the schemes of UGC and other funding agencies. The Committee also makes sure that the proposals are submitted on time with the follow-up action. The college implements various projects with minor and major funding from academic, non-academic and NGO/State /National level bodies such as Kerala State Council for Science, Technology and Environment (KSCSTE), Department of Science and Technology (DST) and Chalachitra Academy. Luminaries in various fields (industries and higher education) are invited to discuss current trends in the existing job markets and challenges faced in the field of higher education.

The College Union serves as a role model to all students demonstrating their leadership, managerial abilities and social responsibilities. Students are provided a platform to be trained under reputable organizations like MAD and CMCA so as to become socially responsible individuals who can help out in the cause of nation building by educating the children from the weaker section of the society.

Regular feedback from various stakeholders ensures that corrective measures are adopted if necessary and good suggestions and views for improving the functioning of the College are incorporated to lead to the institutionalization of best practices.

- **Reinforcing the Culture of Excellence**

The College strives to inculcate the culture of excellence by providing technical support, conducting seminars workshops, awareness programmes, and training programmes like - special lectures on quality innovations, Curricula, Teaching-Learning & Evaluation, Research oriented seminars, applying for research grants and project management. Plans drawn and implementation of the same through advanced Learning Resources, ICT management and suggestions for empowerment of staff, Leadership, governance pattern and strategic perspective planning for the teaching and administrative staff to improve their efficiency are also dealt with utmost precision. Effective mechanism for the use of library with ICT & Customized Library management software is ensured. Faculty members who are awarded Ph.D, Post-Doctoral fellowships, recipients of National and International awards, scholarships, and other recognition are felicitated by the staff club of the college.

Students are encouraged to participate in curricular & co-curricular activities held at various State/National level organizations. The Management, Teaching Faculty and College Union render unstinted support and guidance to the participating students to excel in every field. Meritorious students in the University examinations, winners of arts/sports events at State/National/International levels are honored annually by the Management and PTA with cash prizes, gifts and mementos. The college has been the recipient of many prizes for excellence both in academic and cultural. Distinguished alumni are invited for interactions with the students with an effort to motivate them foster a spirit of achieving excellence in whichever field they choose to pursue.



- **Champion Organizational Change**

The various committees working under the Governing Council ensure efficiency of all academic and administrative bodies. The institution conducts annual performance appraisal to evaluate its staff. It also adopts effective mechanisms to provide, modern teaching-learning aids and application of ICT resources to facilitate effective learning outcome. Great emphasis is laid on research activities. Introduction of skill - oriented Vocational Courses and initiation of IGNOU study centre offers opportunity to adult learning students to achieve core competencies & develop entrepreneurial approach to face the global requirements successfully. The College has been successfully able to incorporate changes introduced in the educational policies framed by the UGC, Higher Education Council and the University. With the introduction of the Choice Based Credit and Semester System by the University the College offers 11 open courses in arts/science to enable the students to take up diverse subjects of great relevance. The College leadership at all levels exhibits a proactive outlook in taking prompt and appropriate measures aimed at ensuring that the college continues to serve as a centre of academic excellence.

6.1.4. Procedures Adopted to Monitor and Evaluate Policies and Plans

The College Council holds regular meetings to discuss future plans to be implemented in keeping with its vision. Periodic review of the progress of implementation of plans and projects is done and necessary directions are given for timely expedition of the same. The IQAC advises and supports the College Council in matters pertaining to quality improvement. Following each meeting the Heads of Departments hold periodic departmental meetings to ensure that the plans so devised are implemented successfully at the departmental level. The periodic evaluations and reviews conducted by the Governing Council and its sub-committees ensure the effective monitoring, implementation and improvement of its plans and policies from time to time at the institutional level. As the institution works on the participative and democratic principle of management, it frames all its plans & policies in consultation with the Governing Body Council, IQAC and other committees. Outcomes & reviews are studied and changes for the improvement where required are incorporated in the system. The College has a healthy practice of holding review and feedback meetings of the committees in charge of events and programmes. Feedback and suggestions are documented for future references and the same are communicated to all stakeholders in writing or at meetings.

6.1.5. Academic Leadership Provided to Faculty by the Top Management

The Institution envisions the education of women, particularly of those belonging to the economically weaker sections of the society. At the institutional level, the Managing Committee comprised of elected representatives of the Management and the Principal conduct periodic meetings in which the Principal briefs the Management regarding matters concerning the effective functioning of the institution. The Management also receives feedback from the staff, Heads of Departments, and the various committees and these are further taken up at the Governing Body meetings for policy decisions. Plans and policies in accordance with the vision and mission are designed with the co-ordination of the Management and internal management system under the leadership of the Principal, ensuring that the institution continues its tradition of academic



excellence. Decisions and suggestions of the Governing Body are informed to the Heads of Departments and Staff during regular meetings. Such meetings provide a platform for sharing of ideas and presentation of views aimed at enhancing the quality and effectiveness of the policies formulated and implemented. At the Departmental level, the Heads of the Departments assume responsibility to ensure the implementation of the policies by the members of teaching and the support staff. The IQAC which aims at quality sustenance develops an action plan for the academic year and forwards suggestions and recommendations on important areas related to need-based academic programmes and the improvement of infrastructural facilities. The Management provides every support and encouragement to the faculty. Regular capacity building programmes, opportunities for academic up-gradation and involvement in study and research as well as the respect and recognition accorded to the faculty by the management is unparalleled. The faculty is also encouraged to participate in professional bodies and attend training programmes offered by Xavier Board and similar reputed agencies.

No	Name of the faculty	Field of involvement	Member of:
1	Dr. J. K. Reshma	Curriculum restructuring/ revision/ syllabus development	Faculty/Curriculum Development workshop
2	Dr. Ayona Jayadev	„	„
3	Dr. Smitha Asok V	„	„
4	Ms. Rajani V	„	„
5	Dr. Nisha K K	„	Board of Studies
6	Ms. Mary Alice G	„	Faculty/Curriculum Development workshop
7	Ms. Pravathy M	„	„
8	Ms. Shirley Joseph	„	„
9	Ms. Vidya T R	„	„
10	Ms. S Kalyani	„	„
11	Dr. Caroline B M	„	„
12	Dr. P S Anjana	„	„
13	Dr. Liji Varghese	„	Board of Studies

6.1.6. Grooming Leadership at Various Levels

A. Students' Level

In keeping with the vision to reach out to young women of all sections of society in order to effect intellectual growth, social transformation, empowerment to build up the individual, society and the nation, students are moulded as future leaders. The students have an opportunity to take up various leadership roles as department representatives and leaders of various clubs and associations. The regular student development programmes and activities help improve the students' personality and leadership abilities. They are encouraged to participate in and organize curricular and co-curricular activities enabling them to develop their managerial and organizational abilities. The college union elections are conducted to elect the Chairperson, General Secretary, Arts Club Secretary, University Union Councilor, Magazine Editor, and class representatives for the UG courses. Besides these, class leaders are elected at the Department level for each class to assist in the smooth functioning of the institution.

B. Faculty Level

The College provides scope for leadership to each and every staff who heads or coordinates various committees of the College. Animation and



moderation of various programmes are spearheaded by the faculty with the active involvement of the students. In addition to teaching faculty members are given additional charges to coordinate programmes like NSS, ASAP, WWS, SSP, Planning Committee, Examination committee, Women's Cell, Career Guidance Cell, Arts' Club, Nature Club, Research Committee, Music Club, Film Club, etc. One faculty member in each Department takes up the responsibility to coordinate all activities in connection with the organization of Regional/ National/ International Seminar/ Workshops or exhibitions. Periodic staff development programmes also help in sharpening their managerial skills. The Management and the College has always lauded the efforts of the faculties exhibiting exceptional leadership skills while performing their additional responsibilities. The staff elects a Secretary, Student Advisor, Treasurer and teachers-in charge of different clubs representing the various Dept. for its efficient functioning.

The Parent-Teacher Association of the college too is a strong body that supports various activities conducted by the college. The PTA aims at a co-operative effort on the part of the parents and teachers for the overall development of the college. It functions with the Principal as the President, a parent elected as the Vice President, a faculty elected as the Teacher Secretary and a parent as the Parent Secretary. Besides these office bearers there are ten executive committee members comprising of both teachers & parents. This association conducts seminars on Career Guidance, Counselling and ensures the conduction of vocational training classes for the students.

C. Management Level

The Manager is vested with the duties of ensuring that the progress and development of the institution is in keeping with its vision and mission. The Manager is aided and advised by her team of Councilors and together they appoint meritorious members to the faculty to translate their vision into reality.

6.1.7. Decentralized Governance System

The college delegates authority and provide operational autonomy to all Departments. The Heads of Departments play very crucial leadership roles. They are given the authority to take decisions pertaining to their departments for the welfare of the students in consultation with the Principal. They are empowered to develop the departments on modern lines with consultation with the Principal under set Govt. Rules. The staff in charge of projects and activities is also free to make decisions in adherence to the vision and mission of the College. The Governing Council of the institution delegates authority and provides operational autonomy by instituting various sub-committees with well-defined goals and objectives for overall management of the admission, conduction of examinations, promotion of research and extension, development of infrastructure-facilities, encouraging cultural activities and maintenance of a disciplined campus life, thus working towards a decentralized governance system.

- Library Committee aims at promoting equitable access to all information resources
- Discipline Committee ensures a campus congenial to study
- Examination Committee works with the Academic Forum to conduct the University undergraduate and post graduate examinations
- PTA aims at a co operative effort for the overall development
- Ethics Committee instills basic human values in students while ensuring that the code of conduct in the College is strictly adhered to



- Research Committee enhances the academic programmes in the college
- Feedback Committee collects feedback from all stakeholders that act as an effective tool to improve quality of teaching- learning
- Purchase Committee supervises all purchases made in the campus thus maintaining transparency in all transactions
- IQAC aims at quality sustenance while strengthening academic programmes and improving infrastructural facilities

6.1.8. Participative Management

The college promotes the spirit of participative management. The college constitutes committees for general and academic development includes faculty, non-teaching staff and students' participation. The Management works in tandem with the College Council, Faculty and Student Council to ensure their participation in policy and decision making processes. The Principal meets the College Level Monitoring Committee (CLMC) comprising of the Heads of all Departments to monitor the proper implementation of all aspects of the CBCSS scheme. All plans and decisions are made and taken through consultations at meetings and other forum for interactions. This is followed by the monthly Department Level Monitoring Committee (DLMC) comprised of the Head and members of teaching and support staff of the Department to discuss the progress of various plans implemented in accordance with the demands of the CBCSS curriculum – timetable, conduction of internal examinations, practical examinations and student discipline. Class-wise PTA meetings are held to update the parents regarding performance of students in curricular and co-curricular activities. Initiatives of the Higher Education Council such as Walk With a Scholar (WWS), Scholar Support Programme (SSP), Additional Skill Acquisition Programme (ASAP) and FLAIR have been successfully implemented in an effort to enhance the potential of the teacher and learner. Various committees functioning within the College such as Grievance Redressal Committee, Library Committee, Discipline Committee, Examination Committee, Ethics Committee and others function under faculty member who acts as co-ordinator supported by a team.

6.2. Strategy Development and Deployment

6.2.1. Development, Deployment and Review of Quality Policy

The Institution does have a formal quality policy which states that “All Saints’ College reaches out to young women in all sections of society to effect intellectual growth, social transformation, and empowerment and in doing so, build up the individual, society and the nation”. The College is committed to ensure quality in every aspect of the services rendered to the student community and thereby to the society. The quality aspects are developed through dialogue with all stakeholders. The issues and suggestions put forth by the student community, alumni, parents, committees of the College, academic experts and others are discussed at length with the IQAC and then taken up for deliberations at the Council of Heads of Departments and through them to all the departments and lastly taken to the Governing Body of the College for final approval. The management tirelessly works to enhance the teaching-learning process while without leaving out sports and extracurricular activities thus focusing on holistic development of students. The plan for the developing activities of the college are



meticulously initiated, driven, deployed and reviewed by the college Governing Body at regular intervals for quality sustenance and academic excellence.

6.2.2. Aspects of a Perspective Plan for Development

The areas included in the perspective plans for development are:

- Development of new infrastructure, introduction of new courses, up-gradation of existing courses and training of staff and students in terms of expertise and personal development.
- Emphasis on research and other collaborations with National/International agencies for exposure to developments in the respective fields of study.
- Introduction of viable and relevant carrier oriented / skill developmental courses.
- Ensure audio-visual teaching in all departments, purchase of more Books, Journals and modern Laboratory equipments.
- Introduction of more value oriented extension activities.

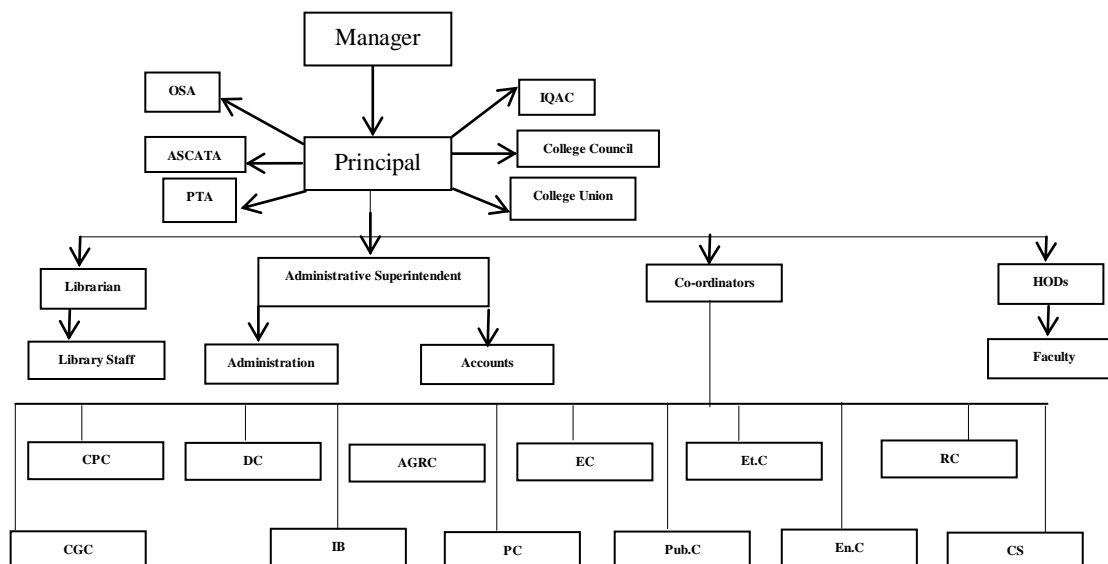
The Perspective Plan was drafted after detailed discussions, reviews and deliberations at various levels (management, departments, external audit committee, and governing body) while keeping in mind the changes and challenges in the field of education.

6.2.3. Internal Organizational Structure and Decision Making Processes

The Institution has an efficient set-up, where each unit of the organization is given fullest freedom to innovate and plan its perspectives of development, yet it operates through a structured organization for disciplined and smooth functioning. The line of hierarchy is maintained and the code of conduct is implemented to maintain harmony and unity in its various cells. The ultimate authority in the management of the college is its Governing Body. **The Governing Body** is the forum for policy making decisions for all the endeavors and is represented by the various stakeholders. All policy decisions are taken at the Governing Body level, through formal meetings and consultations. Decisions for implementing the day-to-day programmes and activities of the College are taken at the HOD meetings and General Staff meeting. **The College Council** is a statutory body that advises and assists the Principal in all academic and administrative affairs. **The Internal Quality Assurance Cell (IQAC)** aims at quality sustenance and hence recommends improvement at all levels and is responsible for organizing professional and personal development programmes for both the faculty and students. **The Faculty Council** has the entire teaching faculty as members who are instrumental in institutionalization of best practices in keeping with the vision and mission of the college. **The PTA** aims at a co-operative effort on the part of the parents and teachers for the overall development of the Institution. It extends financial support for infrastructural expansion. Financial aid for economically backward and deserving students and awards for proficiency are other services rendered by this association. **The Alumni Association** fosters and maintains a network among old students and works for the betterment of the Alma Mater. **The Office Staff** looks after the administrative matters pertaining to the faculty and the students. The Governing Body has instituted the following cells/committees to ensure effective decision making and its implementation to further the quality of the institution. The working of its hierarchy is –



College Council; IQAC; Central Planning Committee (CPC); Planning Committee; Discipline Committee (DC); Anti-ragging Grievance Redressal Cell (AGRC); College Union; Examination Committee (EC); Library Committee; Ethics Committee (Et.C); Research Committee (RC); Career Guidance Cell (CGC); Info Bank (IB); Purchase Committee (PC); Publications Committee (PC); Entrepreneurship Committee (En.C) Consultancy Services (CS)



6.2.4. Quality Improvement Strategies of the Institution

➤ Teaching and learning

The Institution adopts a Learner-centric method of education with information being passed to students in conventional ways with the use of modern teaching-learning aids and application of ICT resources to facilitate effective learning outcome. The management takes adequate steps to enhance the ICT enabled teaching– learning process through extension of library hours, strengthening the resources in the library and following up on the students’ performance in attendance and terminal examinations. The concepts learnt in the class are reinforced through slide shows and PowerPoint presentations. ICT enabled class room facilities are utilized to make teaching more effective together with field work based training programmes conducted periodically. Industrial /Factory visits for pollution monitoring and assessment studies are facilitated. Water, Soil and Air Quality analysis lab is well equipped.

Seminars, assignments, projects and field visits to research centers help to simulate genuine interest in science and infuse creativity and scientific knowledge. The Institute encourages creative and critical thinking by engaging students in hands-on activities including in-class writing assignments and un-announced peer reviews. Through grading the students get an opportunity to decide how they need to be graded for assignments, seminars etc. choosing from a variety of choices such as power points, use of boards during seminars and other demonstration activities for their grades, instead of sticking to a usual 10-15 minute presentation or usual assignments. Total computerization of cataloging of books of the central library & creation of a digital database for effective use by students & staff of the college has supplemented learning to a great extent. Since



the opportunity for industrial experience is minimum or non-existent in many cases, guest lectures by invited experts are organized on a regular basis by various departments in order to keep the faculty and the students updated on the developments in the field of study and research.

➤ **Research and development**

The Research Committee cultivates a research culture among faculty and students and encourages the research activities, research publication and professional development of faculty members to enhance the quality of the teaching community. It monitors the research activities, infrastructure provided and required by the faculty to carry out research activities. The Institution makes all necessary arrangements for timely availability or release of resources for the smooth progress and implementation of research projects. Internet, LAN, journal and e-journal subscription is made available to the principal investigator by the institution to facilitate smooth progress and implementation of research schemes/projects. The college has a policy that encourages all its faculty members to complete their doctoral studies while encouraging others to do further research.

Individual Student projects are taken up every year and innovative research ideas/ themes are successfully conducted and the results are published in reputed national and International Journals approved by the Board of Studies. A great number of books have been contributed to the library so as to broaden the students' perspective in research with the overall aim of developing their comprehensive outlook. Final year students of UG and PG are given orientation classes to devote their attention to research project. The students are also motivated and trained to prepare research papers and present their findings under the guidance of faculty members and also to enroll for projects & Aspire scholarships.

The research committee frames policies from time to time and motivate the faculty to submit research proposals. National conferences, workshops and seminars organized by the Departments attract researchers of eminence to visit the campus and interact with teachers and students acquainting them with the latest developments in research. The faculty is encouraged to publish their research findings in different International and National peer reviewed journals, books, articles in edited volumes, seminar proceedings etc. The College has always encouraged research activities and has made available all the resources of the library, laboratories and computers for encouraging research activities. The College also sanctions leave for the faculty for attending programmes and undertaking field works / research activities.

Over the years the college has built up a research culture which encourages its faculty members to undertake various minor or major research projects of UGC, KSCSTE and other similar national and international agencies.

➤ **Community Engagement/ Extension Activities**

The institution promotes Community engagement through the participation of students, faculty and staff. The NSS cell facilitates social and community services like Blood Donation Camps, Awareness programs on vital issues like Drug Addiction, HIV/AIDS etc. All the Departments provide community participation projects and conducts community linked surveys. The village adoption programme of Karikkakom Village undertaken by the NSS unit is much appreciated. The College infrastructure and facilities are also made available for Government activities such as UPSC / PSC Examination, etc., 'Santhisthal' a project aided by the Kerala State Biodiversity Board for rearing Rare, Endangered



and Threatened species of plants in one acre land inside the Campus is undertaken by the Department of Environmental sciences. A Microbial composting unit is established inside the Campus under the auspices of the Bhoomithra Sena Club of the same Department. Placards carrying eco-friendly messages are erected at various places in the Campus for creating awareness among the students as well as the general public. 'Nakshatra Garden' where trees associated with the 27 constellations or Nakshatras was inaugurated on 27th November 2013. The students get a wide exposure through various clubs that function in the college. Various wings of the college such as NSS and Community Health Service have been successful in organizing awareness drive campaigns on socially relevant issues. The students and faculty get an opportunity to interact with the social environment through the extension activities undertaken by the departments.

➤ **Human Resource Management**

The faculty and administrative staff are appointed by the State Government on merit basis. Faculties are remunerated as per UGC package whereas the administrative staff gets pay scales fixed by the State Government. The faculty members of the Department undergo trainings/ workshops which help in their professional/ life skills enrichment. Orientation programmes and refresher courses for the faculty are arranged in the University Academic Staff Colleges across the country. The faculty and administrative staff are appraised against set norms by the Department of Collegiate Education for considering them for promotions.

The students are also imparted necessary motivational/ guidance sessions which aid in their overall development. Their participation in college/ University level competitions is also ensured with the above objective.

➤ **Industry Interaction**

Various industries, business firms and establishments collaborate with the college in providing placement, organizing study tours, lectures, campaigns, workshops and seminars. Counseling services are provided to the students through the Career Guidance Cell which also helps to provide information about employment opportunities and the placement of the students.

1.2.5. Availability of Information for Review by Top Management and Stakeholders

The Principal, being the Head of the Institution, channelizes relevant information for decision making and quality assurance of the College. She also ensures that proper and regular interaction occurs with the Management and stakeholders - students, parents / guardians, alumni, members of the local community, etc. The report presented by the Principal on the annual day ensures a flow of information from the College to the Management and other stakeholders.

The Principal gathers information from students, parents, faculties and the community with regards to the teaching quality, extracurricular activities and infrastructural facilities. The feedback received from the students, parents / guardians, alumni, members of the society are shared with the members of the staff in appreciation or seeking or providing suggestions for improvement; and those requiring policy decisions are taken up to the Governing Body. Those requiring the attention of the students and parents / guardians are disseminated through the departments. Only after thorough discussion and deliberation on the plans implemented and the success of existing activities is reviewed, then further decisions regarding the implementation of new policies is taken.



In compliance with the instructions from the Director of Collegiate Education, the feedback from students on the teachers is collected regularly. The results are analyzed and the teachers are intimated about their performance which only serves as a tool to ensure greater efficiency of the faculty. The admission process, student enrollment, attendance of students, names of university union councilors, reports of the NSS activities are informed to the university from time to time. The utilization of plan funds like ASAP, SSP, WWS and other programs and its functioning are sent to the Collegiate Education Directorate. The utilization of the UGC funds is submitted to the UGC regularly.

6.2.6. Management Support to Staff in Improving Effectiveness and Efficiency of Institutional Processes

The Management instills the spirit of being part of the All Saints' family among the teachers, students, administrative staff, support staff and alumni and emphasizes the need to work in accordance with its vision and mission. The management, through the Principal, involves the staff members in various activities and decision making process related to curricular, extra-curricular and administrative development of the college. The staff members are in-charge of various committees such as Admission Committee, Discipline Committee, Anti-ragging Committee, Career Guidance Cell, etc, and they give suggestions and opinions during the meetings with the Management which are taken in to consideration.

The faculty is encouraged to take up major and minor projects, pursue research and avail funds to organize seminars & workshops. The faculty is also permitted to attend seminars and present papers at State, National and International level, participate in refresher courses, orientation programmes and various training programmes for quality improvement. Thus the management continuously endeavors to involve its staff in improving the effectiveness and efficiency of the institutional processes in teaching-learning and extension thus building up a strong management-staff relationship.

6.2.7. Resolutions of the Management Council and its Implementation

	Plan of Action	Achievements
1	To provide impetus to research through National International seminars/ conferences and Workshops.	Accomplished
2	To provide competitive opportunities in literary and related activities at collegiate and intercollegiate levels.	Accomplished
3	To take up major and minor projects by availing funds from various funding agencies.	Accomplished
4	To publish research papers by faculty members in various national and international journals of repute.	Accomplished
5	To hold talks by virtuosos in their respective fields.	Accomplished
6	To make learning interesting through life experience such as study tours, field visits, nature camps and industrial visits.	Accomplished
7	To make the campus eco friendly by implanting general and medicines plant and by protecting endangered species.	Accomplished
8	Construction and maintenance of an organic farm by BhoomitraSena Club.	Accomplished
9	To hold film shows and documentaries on current issues in the college campus.	Accomplished



10	To boost up social activities by organizing blood donation and medical camps.	Accomplished
11	To instill social awareness by conducting orientation campaigns on cleanliness and prevention of diseases.	Accomplished
12	To pledge social commitment through activities like beach cleaning and anti plastic campaigns.	Accomplished
13	To publish college magazines, college newsletters and departmental magazines.	Accomplished
14	To take up health promotion and awareness projects.	Accomplished
15	Journal club to provide opportunities to present and discuss scientific papers.	Accomplished
16	Hold department wise exhibitions.	Accomplished
17	Conduct arts fest 'ASCENCIO' for students.	Accomplished
18	To promote health through fun filled activities like Zumba.	Accomplished
19	To provide an insight into the intricacies of acting, direction and script writing by the theatre club.	Accomplished
20	Women's cell to aid in empowering women through expert talks and discussions.	Accomplished
21	Conduct Community Outreach Programme in collaboration with the Kerala State Agricultural Department by distributing vegetable sapling to Kudumbasree units of Karikkakom village.	Accomplished

6.2.8. Provision for According Autonomy to an Affiliated Institution

The affiliating university makes all provision for according the status of autonomy to an affiliated institution. However no efforts have been made by the institution in obtaining autonomy as it requires 'A' grade to apply for the same.

6.2.9 Grievance Redressal Mechanism for Promoting Stakeholder Relationship

The College has a Grievance Redressal Cell headed by the Principal and two senior faculty members to redress the grievances of the stakeholders. The students approach the Cell with their grievances regarding academic matters, financial matters, library and other central services. The committee also redresses the grievances of the stakeholders as and when required. Tutorial system is effectively functioning in the College, wherein students are prompted to share their feelings and apprehensions and suitable actions and counseling is provided to settle the issues. There is a complaint/suggestion box kept in the office. The contents are collected once a month and the complaints / suggestions are analyzed and those needing attention are resolved within the limitations of the facilities. In addition to this, an Anti-ragging Cell is also instituted. As a result of this mechanism the college has a pleasant ambience and good work culture with in-built goodwill and mutual understanding among the stakeholders.

6.2.10 Court Cases filed By and Against the Institute

There has been no court cases filed by or against the institute.



6.2.11 Mechanism for Analyzing Student Feedback on Institutional Performance

The institution has a mechanism for analyzing student feedback on institutional performance. This feedback is collected at the end of each academic year and is evaluated by the Principal and the respective Heads of the Departments for review and remedial action. The summary of the feedback in respect of the individual faculty members are communicated to the concerned faculty for information and future corrective action. The Principal makes necessary follow up in respect of grave irregularities found in the review. Any suggestions from the students and parents regarding lack of infrastructure and library facilities and other irregularities are received in the Departments and appropriate remedial actions are taken by the Principal in consultation with the Management.

6.3. Faculty Empowerment Strategies

6.3.1. Efforts to Enhance the Professional Development of the Staff

The Management takes every effort to enhance the professional development of its teaching and non teaching staff in order to ensure that the vision and mission of the college is realized. The institution encourages staff to attend seminars, conferences and workshops at the regional, national and international levels, both for professional development and for building and maintaining a healthy rapport with faculty of various other institutions. All the departments are encouraged to conduct a seminar or workshop annually. The institution emphasizes on the promotion of research culture by encouraging research works/projects and providing adequate infrastructural facilities for the same. They are motivated to publish their research works in peer-reviewed journals and books. They are encouraged to avail various UGC schemes and plans to enhance their professional development.

The teachers are permitted to attend orientation, refresher, and short duration training programmes. They are also encouraged to participate in Faculty development programmes, apply for post-doctoral fellowships within and outside the country and acquire training in programmes like FLAIR to ensure quality enhancement of the teaching community. Faculties are encouraged to upgrade their qualifications to act as research guides. Guest lectures by acclaimed academicians are organized by the IQAC for the professional growth of the teaching staff. The institution promotes the participation faculty and staff in all co-curricular, extra-curricular, sports and extension activities for community development.

Non-teaching staff is given training in Service and Payroll Administrative Repository for Kerala (SPARK). Computer education and IT skill up-gradation programmes are conducted for the non-teaching staff to enhance their computer skills in order to provide quality services to the teaching staff and students. The librarian is sent for professional enhancement programmes organized by various academic institutions to improve work efficacy.

6.3.2 Strategies for Faculty Empowerment

The institution adopts strategies for faculty empowerment through training thereby motivating the employees for the roles and responsibility they execute. The faculty is granted permission to participate in Refresher courses/Orientation programmes/Short Term Courses for professional development and regularly



conducts staff development programmes for skill up-gradation and training of the staff to provide opportunity to update them with the current developments in the subject. Faculty members are recommended for organizing seminars/conferences /workshops and training sessions. The faculties act as facilitators and are encouraged to contribute innovative ideas and suggestions for the development of the student community. They are motivated to acquire higher/additional qualifications for empowering them with knowledge and wisdom. The institution provides infrastructural assistance to take up research projects of various agencies including the UGC, ICSSR etc. It makes use of various governmental schemes to purchase new books, journals and e-resources for the college library and equipment for the laboratories. All the departments are provided with computers and internet access to facilitate the teaching-learning process. The non-teaching staffs also are encouraged to participate in training programs for IT skills, and other training as required by the Kerala Service Rules.

6.3.3 Performance Appraisal System of the Staff

The institution obtains feedback on the performance of the staff from the stakeholders periodically. Performance appraisal of the staff is carried out on a regular basis with the help of – department wise and general PTA, Written / Oral feedback from the students and also informal sharing by the students. The feedback is received by the Principal who communicates it to the faculty concerned. The Principal encourages the faculty to overcome weaknesses to ensure that the students benefit from the improved teaching quality of the faculty. Each teacher submits self-appraisal reports for each academic session which provides the Principal with the opportunity for interaction with the faculty. The appraisal report of the faculty is also prepared by the concerned Head of the Department on the basis of academic achievements, punctuality, and student's evaluation. The same is considered while giving promotions/placements to the teaching faculty.

6.3.4 Review of the Performance Appraisal Reports by Management

At the end of each academic year students' feedback of the faculties are collected along with the self-appraisal reports (details of performance, achievements, training programmes/seminars/workshops participated in, research activities, additional responsibilities, etc) by the Principal. After close scrutiny and analysis of the reports the consolidated reports are forwarded to the Management representatives. The Management then meets the faculty as a whole and individually, to appreciate stellar performance and suggest improvements in weak areas respectively. The systematic review of performance appraisal reports motivates the staff to improve their overall academic performance while aiming to increase the efficacy of the teaching-learning process. Following the appraisal mechanism the Management meets the staff at least thrice a year, to take steps to upgrade the science laboratories, provide computers (with internet facilities) with printers to all departments, etc. All Saints' College being one of the prestigious institutions for its commitment to academic merit, implementation of value based education ensured by proper guidance, motivation and support accorded by its dedicated Managements to its staff and students for the past fifty years has a commendable record of excellence.



6.3.5 Institutional Welfare Schemes for Staff and Students

The college implements various welfare schemes available for teaching, non-teaching staff and students.

Teaching staff	<ul style="list-style-type: none">• The Teachers' staff fund is utilized for the purpose of charity• Contributions for the retired teachers• Provision of leave for completing studies• Duty leave for officially sanctioned training or workshops
Non- teaching staff	<ul style="list-style-type: none">• Contributions are made for the support staff at significant events in their lives from the Teachers' Staff Fund, OSA, PTA and ASCATA.• Lucky Dip conducted every year by the non-teaching staff is supported in their endeavor by the staff.• Meritorious children of the staff members are acknowledged and cash prizes are awarded on the College Day.• Children of the staff members are given priority for admission in various courses
Students	<ul style="list-style-type: none">• Several scholarships such as the Mother Mary Frances Scholarship, Scholarships by retired teachers, well- wishers and philanthropic old students have been instituted by the college for the empowerment of the financially weak and deserving students

State Life Insurance and Group insurance, group accident insurance are the other facilities made available to both teaching and non-teaching staff. The amount advanced is deducted from the salary in affordable monthly installments. Maternity leave is also offered for the benefit of the teaching and non- teaching staff.

PF Loan for Teaching and Non Teaching Staff

Year	Teaching staff (%)	Non- Teaching staff (%)
2010-2011	23	84
2011-2012	16	57.8
2012-2013	18	82.3
2013-2014	13.7	85.7

6.3.6 Measures by the Institution to Attract and Retain Eminent Faculty

All Saints' College provides an optimum atmosphere for teaching and research and therefore, an overwhelming response is invariably received from prospective candidates seeking jobs. Faculty recruitment takes place after a judicious interview process complying with all the rules of the State Government and University of Kerala and selection is purely based on merit (academic and co-curricular achievements) of the applicant. The Management takes great effort to welcome newly appointed faculty into the All Saints' family and motivate them to carry on the mission of the institution with sincerity and dedication. The Management ensures a congenial work atmosphere and gives its faculty complete autonomy in discharging various responsibilities. Exemplary effort is always recognized by the Management and greatly appreciated. The Management encourages the faculty to overcome any challenge they encounter during the teaching-learning process to ensure that the institution continues to be a centre of academic excellence. The faculty greatly enjoys being a part of and working in this prestigious institution which in turn has ensured that eminent faculty is retained in the institution.



6.4. Financial Management and Resource Mobilization

6.4.1. Mechanism to Monitor Efficient use of Available Financial Resources

The efficient use of available financial resources is ensured by the Governing Body, College Council, IQAC, Purchase Committee and other sub-committees instituted for the same purpose. As per the need of each department, the funds are allocated or grants are applied for as per UGC schemes for the building/development projects of the institution. Income/expenditure is closely monitored by the Accountant and the Principal. Proper procedure for purchases is adopted. Tenders/Quotations are called for and prices are compared by the purchase committee. The institution exercises restraint as far as the expenditure is concerned. The regular audit of the budget also exercises check on the expenditure. The various committees dealing with finance meet regularly to discuss utilization of financial resources and any/all decisions are communicated to the stakeholders as well. Students' fees for exam registration, issue of hall tickets, etc., fixed by the University is duly collected and remitted on time to avoid payment of fine and this prompt service is greatly appreciated by the students and their parents.

6.4.2 Internal and External Audit

The College has a mechanism for internal and external audit. The internal audit is carried out by the Governing Body of the College and the verification of stock books are done by the faculty members within the Institution. The external audit has two parts – audit by the Chartered Accountants appointed by the College and by the auditors appointed by the Directorate of collegiate education, Finance Departments, Government of Kerala and the Office of the Accountant General. Grants from UGC and other agencies as well as the PTA accounts are also audited by practicing Chartered Accountants.

The last government audit in the institution was done in 2014. There were no significant objections raised by the auditors. Some minor mistakes were found and corrective measures were initiated immediately.

6.4.3 Details of Institutional Income and Expenditure Statement

Being an aided college, the major sources of institutional receipts/ funding is grant in aid. Funded research projects received from UGC, DBT and Kerala State Council for Science, Technology and Environment (KSCSTE) are also carried out. In addition to this, financial assistance is also provided by the PTA. Deficits, if any, is always met by the Management.

Funds Received from UGC (Five Year Plan) and Other Funding Agencies

Items	Amount (₹)	Expenditure(₹)
UGC		
Development Assistance	4,00,000/-	4,00,000/-
PG Grant	4,25,000/-	4,25,000/-
UG Grant	8,00,000/-	8,00,000/-
Student Support	600000/-	600000/-
Additional Assistance	40,50,000/-	40,50,000/-
Career And Counselling Cell	1,43,000/-	1,43,000/-
IQAC	3,00,000/-	3,00,000/-
Establishment of UGC Network Resource Centre	12,000/-	12,000/-
Construction of Ladies Common Room	2,00,000/-	2,00,000/-



Remedial Coaching	6,00,000/-	6,00,000/-
Major Projects	8,280,400/-	8,280,400/-
Minor Projects	2,863,500/-	2,863,500/-
University of Kerala		
NSS Regular and Special Camps	3,96,000/-	3,96,000/-
DBT		
	14,00,000/-	14,00,000/-
World Bank		
	25,000/-	25,000/-
KSCSTE		
Seminars	2,77,503/-	2,77,503/-
Student Research Projects	46,679/-	46,679/-
DoECC		
Clubs and Associations	1,76,257/-	1,76,257/-

6.4.4 Efforts of the Institution to Secure and Utilize Additional Funding

The College makes sincere efforts to procure funds from government agencies and other organizations supporting higher education like the UGC, DBT, KSCSTE and the state Government. The funds upon release are utilized for the sanctioned purposes and utilization certificates are submitted on time. ASCAA, PTA and Golden Jubilee Fund are additional sources of funding.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Institutional Policy with Regard to Quality Assurance

The college has established the IQAC in 2004 that functions efficiently under the leadership of the head of the institution and a coordinator. The IQAC has played a pivotal role in ensuring that the institution provides an ambience that is conducive for teaching and learning. In this regard the IQAC is responsible for –

- Co-ordination of Departmental activities.
- Conduction of classes and monitoring of attendance
- Conduction of Internal Examinations in accordance with the academic calendar
- Evaluation of staff and students' performance
- Encourage participation in co-curricular activities
- Provide the infra-structure to implement innovative teaching-learning methods

b. Decisions of the IQAC Approved by and Implemented

	Plan of Action	Achievements
1	To provide impetus to research activities through National and International seminars, conferences and workshops.	Accomplished
2	To provide competitive opportunities in literary and related activities at collegiate and intercollegiate levels.	Accomplished
3	To take up major and minor projects by availing funds from various funding agencies.	Accomplished
4	To publish research papers by faculty members in various national and international journals of repute.	Accomplished
5	To hold talks by virtuosos in their respective fields.	Accomplished
6	To make learning interesting through life experience study tours, field visits, nature camps and industrial visits.	Accomplished



7	Eco friendly by planting general and medicines plants and protecting endangered species.	Accomplished
8	Construction and maintenance of an organic farm by BhoomitraSena Club.	Accomplished
9	Film shows and documentaries on current issues in the college campus.	Accomplished
10	To boost up social activities by organizing blood donation and medical camps.	Accomplished
11	To instill social awareness by conducting orientation campaigns on cleanliness and prevention of diseases.	Accomplished
12	To pledge social commitment through activities like beach cleaning and anti plastic campaigns.	Accomplished
13	To publish college magazines, college newsletters and departmental magazines.	Accomplished
14	To take up health promotion and awareness projects.	Accomplished
15	Journal club to provide opportunities to present and discuss scientific papers.	Accomplished
16	Hold department wise exhibitions.	Accomplished
17	Conduct arts fest 'ASCENCIO' for students.	Accomplished
18	To promote health through fun filled activities through Zumba dance.	Accomplished
19	To impart self defence techniques through karate classes to all students.	Accomplished
20	To provide an insight into the intricacies of acting, direction and script writing by the theatre club.	Accomplished
21	Women's cell to aid in empowering women through expert talks and discussions.	Accomplished
22	Conduct Community Outreach Programme in collaboration with the KSAD by distributing vegetable sapling to Kudumbasree units of Karikkakom village.	Accomplished

c. External Members on the Committee and their Contribution

External members like T.P Srinivasan (Former Ambassador of India), Dr. S.V.Sudheer (Director, Academic Staff College), Dr. Sashi Tharoor (MP), Smt. Lida Jacob (IAS), Dr. Achuth Sanker S. Nair, Dr. M.R Sudarsana Kumar (Principal, NSS College), and Smt. Khyrunisa (Retd. English Prof) who are actively involved in the overall quality enhancement efforts of the institution. Their valuable suggestions regarding construction of under-pass to provide alternate approach facility to the institution have been conveyed to the Government for consideration.

d. Contribution of Students and Alumni to IQAC

The students and All Saints' College Alumni Association (ASCAA) are actively involved in various programmes of the college which ensure the overall development of the institution. The students are given opportunities to interact with alumni of their individual departments through department OSA meetings. Hence students receive invaluable advice regarding career-related matters that enable them to improve their academic performance. Some of the activities of the note-worthy contributions of the ASCAA are:

- Students who excel in academics and sports are felicitated and provided with cash prizes, gifts and mementos.
- ASCAA (All Saints College Alumni Association) has instituted scholarships for economically challenged students.
- ASCAA contributed towards the intercollegiate fest conducted as part of the Golden Jubilee Celebrations



- Funded the Documentary of the College as part of the Golden Jubilee.

The students contribute to the functioning of the IQAC by providing feedback regarding the various practices adopted by the institution, teaching-learning methods adopted and faculty performance.

e. IQAC Communication and Engagement of Staff from Different Constituents

The IQAC advises and supports the College Council in matters pertaining to quality enhancement. It holds regular meetings to discuss future plans to be implemented in keeping with its vision. Periodical review of the progress of plans and projects are made and necessary directions are given for the timely expedition of the same. Heads of the Department holds periodic departmental meetings to ensure that the plans are implemented. The periodic evaluations and reviews ensure the effective monitoring, implementation and improvement of its plans and policies. As the institution works on the participative and democratic principle of management, all its plans & policies are framed in consultation with the Governing Body IQAC and other committees.

6.5.2. Integrated Framework for Quality Assurance

The IQAC which aims at quality sustenance coordinates and supervises all academic and administrative activities. It develops an action plan for the academic year and forwards suggestions and recommendations in important areas related to need-based academic programmes and the improvement of infrastructural facilities. At the Departmental level, the Heads of the Departments assume responsibility to ensure the implementation of the policies by the members of teaching and the support staff of each department. The performance of faculty is closely scrutinized by the Principal and also evaluated on an annual basis by the students. The quality framework with performance indicators is formulated as per the guidelines issued by the Kerala State Higher Education Council as recommended by the UGC, Government and the University of Kerala. Feedback of the institution from various stakeholders also ensures quality sustenance.

6.5.3. Training for Effective Implementation of Quality Assurance Procedures

Refresher programmes, Orientation, and trainings/workshops to keep abreast of innovations and enhance their knowledge in order to serve the student community. The college conducted a seminar on self assessment and quality assurance on 8th July, 2014 titled “Challenges in Attaining Excellence” By Dr. Sudhir to get a better understanding of measures to be taken to ensure quality education is imparted to our students as well as steps to be taken for the faculty to improve their quality of teaching and research.

6.5.4. Academic Audit or to Improve the Institutional Activities

The institution undertakes academic audits both at the teacher's and department level which have positively impacted the institutional activities by

- Monitoring the number of engaged by the faculty, remedial measures taken by the staff, extra classes engaged and the use of ICT tools
- Conduction of tutorial/mentoring for the benefit of the students



- Encourage individual performance of faculty through organizing seminars/workshops and participation in the same
- Improve the research and other publications by faculty and students

6.5.5. Alignment of Internal Quality Assurance Mechanisms with External Quality Assurance Agencies

The quality framework with performance indicators is formulated as per the guidelines issued by the Kerala State Higher Education Council as recommended by the UGC, Government and the University of Kerala. The IQAC makes teachers and students aware of the recent trends and advancements in the field of education and research to promote self-growth for the benefit of quality enhancement of the institution.

6.5.6. Institutional Mechanisms to Review Teaching-Learning Process

The teaching learning process is closely scrutinized by the Principal and also evaluated on an annual basis by the students. The quality framework with performance indicators is formulated as per the guidelines issued by the Kerala State Higher Education Council as recommended by the UGC, Government and the University of Kerala. The results of the feedback are discussed by the college council and necessary suggestions are given to arrange seminars, remedial classes and discussions to improve the quality of teaching-learning process.

6.5.7. Communication of Quality Assurance Policies to Stakeholders

The institution ensures that all the stakeholders - students, parents, local community, governments and non-governmental bodies the college is affiliated or attached to, participate in institutional plans and are kept informed and notified of any policy change or plans made for the betterment and progress of the College. This is achieved through conducting interactions like Meetings of parents and students with the Manager, Principal and Heads of Departments either at the time of admission or department-wise PTA or general PTA meetings.

Regular meetings of the Governing Council and IQAC

- ◆ Meetings of student council with Principal/ faculty for annual planning and evaluation.
- ◆ Meetings with employers and other training agencies.
- ◆ Extension programmes of departments to address immediate needs of the society.
- ◆ Alumni meetings and interaction with students.
- ◆ Prominent personalities and virtuosos from various fields are invited to various functions conducted by college and for lectures and their feedback is duly recorded.

Thus all the stakeholders are well informed of all quality assurance policies implemented by the institution.



CRITERION VII

INNOVATIONS AND BEST PRACTICES

The Congregation of the Carmelite Religious (CCR) is a Carmelite Religious Institute devoted primarily to the Catholic education of girls and young women. True to its founding ideals, the Congregation provides value based education to students of all castes and creeds with special attention to the marginalized. All Saints' College encourages and promotes innovations and healthy practices for all to adopt. The college strives to produce intellectually competent, morally upright, socially committed and spiritually inspired persons, to act as leavens in society and create a new world order of love and goodwill.

Numerous measures are undertaken by the college to maintain and promote a green environment in the campus. All the clubs of the college, especially the Bio diversity club, the Bhoomitra Sena club, the Eco club, the Nature club and the NSS function towards achieving this aim. Activities like planting of trees, awareness programmes, distribution of seeds and saplings are carried out. Continuous efforts are being made to make the campus eco-friendly. Activities focusing on conservation of energy, minimising pollution and management of waste are done to achieve this objective. The innovative and healthy practices that are recorded in this section are thus self-motivated and naturally emerge in the eco-system of the college.

In the subsequent sections, various innovations and healthy practices in the college are grouped under the following heads.

7.1 ENVIRONMENTAL CONSCIOUSNESS

Initially All Saints' College stood on a dreary stretch of sand which by painstaking efforts was transformed into a green oasis of shady palms, fruit bearing trees, wide lawns and quite groves. The result is a success story that deserves accolades. This transformation has not only created aesthetic beauty but also helped in preserving the ecological balance and protecting the environment of the area.

Promoting a Greener, Cleaner environment has always been a top priority at All Saints' College. With this view in mind, a **Task Force** was organised with the aim of implementing new methods to utilize resources and educating the students about the necessity of preserving the Environment. Members include faculty from the Departments of Environmental Sciences, Zoology and Botany along with a select group of Student Volunteers. Activities are classified into those done within and outside the campus. The campus has a number of trees and plants, which are considered as the most valuable treasure of the college. This greenery provides a pollution free atmosphere and serenity in the campus. Important days such as World Environment Day, Wildlife Week and Ozone Week are observed in the College with a week-long series of expert lectures, competitions and poster displays.

The buildings are so designed in traditional architectural styles with ceilings of considerable height and large windows which allow the free circulation of air and light inside the rooms. Moreover, the thick vegetation in the campus helps in keeping the saturation and maintaining a cool temperature in the campus. This helps in reducing the over usage of air conditioners, electric fans, lights etc. Again, it also helps in keeping the campus a pollution free one. The



students are instructed to switch off the lights and fans when not required. They are also encouraged to use minimum amount of water.

7.1.1 Observance of Significant Days Related to Environment

On days of ecological importance like World Environment day, World Wetland day, World Ozone day, World Water Day, International Day of Biological diversity and Vanamahostava, the Group members organise events like Talks by Experts, Competitions like Quiz, Poster Painting, Slogan Writing and Essay Writing, to inculcate interest and generate awareness among the students. By using the Public Address System in the college, attention is drawn to the significance of the Day and promotes a keen interest among the students.

World Wetland day- February 2

World Wetlands Day celebrated internationally each year on 2 February marks the anniversary of the signing of the Convention on Wetlands of International Importance (Ramsar Convention) in Ramsar, Iran, in 1971. Every year the day is observed in the college by undertaking actions like nature walk, invited lecture and poster competition, to raise awareness among students of wetland values and its benefits and to promote the conservation and wise use of wetlands.

The World Water Day- March 22

As the day focuses attention on the importance of freshwater and advocates sustainable management of freshwater resources the college organizes programmes like talks, election and debate and also poster competition to make the students realize the importance of water and a drive to protect our natural water resources.

International Day of Biological Diversity- May 22

This particular day is observed to increase understanding and awareness of biodiversity issues. The biodiversity club of the college in collaboration with the Kerala State Biodiversity board observes this day through different activities.

The World Environment Day- June 5

World Environment Day (WED) is the United Nations' principal vehicle for encouraging worldwide awareness and action for the environment. Every year the college observes the day with a number of activities including interesting sessions by experts in the field, various competitions like essay writing debate and painting based on the respective theme of the year and planting of saplings in the campus and the vicinity.

Vanamahotsava week -I week of July

Every year the Dept. of Botany organizes “**Harithotsva**” in connection with the **Vanamahotsava week**”, where saplings are planted in the campus and also distributed saplings to the staff and students.

The World Ozone Day- September 16

The institution organizes awareness programmes that helps to generate knowledge among students of the phase-out of controlled uses of ozone depleting substances and the related reductions that have not only helped protect the ozone layer for this and future generations, but have also contributed significantly to global efforts to address climate change

7.1.2. Eco friendly campus

Continuous efforts are being made to make the campus eco-friendly. Activities focusing on conservation of energy, minimising pollution and management of



waste are done to achieve this objective. Food waste from the college canteen and students' mess hall, in the campus and cow dung from the College hostels is utilized to produce biogas fuel for the college and hostel canteens. This process has helped to minimize waste and cut down on LPG consumption. The slurry obtained from the plant is utilized in the vegetable and flower gardens. Organic waste is used for the production of vermicompost. The college has a Rain Water Harvesting system which collects the rain water and that is used for irrigation and cleaning. In collaboration with the State Forest Department, the college distributes saplings and plants to the staff and students. A medicinal plant garden, Green House and a Poly House is set up by the Botany Department and the plants are labeled.

7. 1. 3 Club Activities

1. Biodiversity club

In collaboration with the Kerala State Biodiversity Board, the Biodiversity Club functioning in the college has the main objective of carrying out programmes for conservation of local biodiversity in accordance with the State Biodiversity Acts. Under the Patronage of the Principal, All Saints' College, the Department of Environmental Sciences is entrusted with the activities of the Biodiversity Club. In addition, the Board has also sanctioned the prestigious 'Santhisthal' project to All Saints' College.

2. Bhoomithrasena club

Addressing environmental issue is a multidisciplinary task and for its objective accomplishment a strong action on awareness building is essential. The Bhoomithrasena club in All Saints' College was inaugurated by Dr.V.R.Prakasam (Retd. Professor, Department of Environmental Sciences, University of Kerala, with the support of Directorate of Environment and Climate Change, Government of Kerala on 29-03-2011. The Bhoomithra Sena Club constituted in the All Saints' College (BMC 079/TVM/20/10) is conducts a series of activities among the club members, both in as well as outside the college. The major objectives include:

- To encourage the students appreciate environment.
- To provide environmental educational opportunities to students and involve them in addressing environmental issues of the locality.
- To utilize the enormous manpower available with college students as conduits for awareness of the society.
- To make students practice and advocate sustainable lifestyles.

3. Eco club

The Dept. of Botany constituted the Eco club to inculcate interest in students in various environmental conservation activities. The students of Semester 3 and 4 are the members and are active participants in various activities of the club that are planned very year for 50 hours. The activities involve programmes like discussing current environmental issues, maintenance and management of different gardens etc. These activities help to create awareness among students as they are get a chance to identify and address the critical issues related to environment.

❖ Eco Discussion Forum

Members of the Eco club under the leadership of the Dept. of Botany organize an eco discussion forum every Thursday. The members discuss various



topics on environmental issues and also emerge new ideas and suggestions. Members of Eco club have participated in the construction of '*jaiva veli*' around *Mahatmaji Jaivodhyanam*. Dept. of Botany conducted an Exhibition on "**Herbal Wonders**" on **7th September** 2013 by exhibiting 50 medicinal plants in connection with the Golden Jubilee inauguration. Members of the Eco club also organize programmes like Documentary **feature film fest, competitions etc.** to create environmental awareness among students.

4. Kuruvi Nature Club

The Department of Zoology took an initiative to start a Kuruvi Nature Club in the college and it is active from 1996. The members include the teachers and students of the department and the main aim is to participate in various nature- related activities. The activities help to create awareness about different aspects of nature among the students. The students are also registered as **members of the WWF –India, Kerala State.**

❖ Wild Life Week Celebrations

In context with the wild life week celebrations, various activities are being organizing every year in the month of October in **collaboration with WWF**. As part of this, the members were assigned the topic "**Tree ecosystem in the college campus**", and they made a field survey of the trees in the college campus and took photographs and recorded the report. The members went to Veli to collect the water samples and the fauna and the aquatic fauna collected were identified. Another effort was to study the "**Pond ecosystem in the college campus**" and for that the members collected the water samples from the pond in the college campus and identified the aquatic flora and fauna. Every year these programmes are conducted with the participation of new students.

❖ Friday Forum

Friday forum is yet another initiative of the nature club. Every month on the first Friday, the members are assigned with some nature related activities like attending hands-on training programmes, involving in organic farming etc.

❖ Fish Farming

- To create awareness among the club members about the fresh water fish culture and its maintenance, fish farming was selected as an activity. To begin with, one pond in the college campus was selected and the members cleaned the ponds, refilled with fresh water and fenced it with net.
- Cat fish selected for farming was released in the pond, and the members were given a demonstration about the fish feed ingredients.

❖ Bird Watching Programme

For the first time On 26, October, 2014, a bird watching programme was organized by WWF for the members at Punchakkari Wet Lands, Vellayani. The students with the help of experienced faculties identified the birds and got an idea regarding the habitat and the keys to identify the birds. Members were able to take few photographs and identified and listed about thirty birds during this programme. The programme was not only informative but was also enjoyable.

❖ Asian Waterfowl Census - 2015

On 10 January, 2015, the members of the club participated in the Asian Waterfowl Census 2015 conducted jointly by Kerala Forests & Wildlife Department and WWF-India under **the Green Partnership Programme** to document birds outside forest areas. Bird watching programme was from 6.30am to 10.30am at 6 different birding sites namely Punchakkari paddy fields,



Vellayani Lake, Aakulam Lake, Veli Lake and beach, Poovar estuary and Aruvikkara dam reservoir.

❖ **Know the Nature**

On all Mondays, the Club members display the recent news regarding nature published in the daily news paper on the Nature Club Notice Board in the College Campus.

❖ **World Sparrow Day Celebration**

The club members participate in House Sparrow Count Survey every year, as part of WWF. Every year, they select a specific area and conduct a survey which gives an idea regarding the total count of house sparrows. There has been a 61% increase in the house sparrows in the city which point to the positive outcome of the conservation initiative that has been launched to build up the population of the common birds.

7.1.4 Conservation Strategies

• **Short videos on Water Conservation strategies**

Little needs to be said about the importance of Water Conservation in a Nation often reeling under threat of severe water shortage. Each and every drop of water is precious. The unmindful wastage of water at home and in the campus commanded special attention. Awareness at college level was the first priority. The conservation strategies which were adopted at the College include a Rain Water Conservation Tank which collects and stores vast amounts of rain water during each torrential downpour. In addition, waste water from the Canteen is used for the irrigation of an Organic Vegetable Farm situated next to it. Water Conservation strategies employed by different Institutions and several householders were filmed and made into short video clips.

• **Construction of Bird Nests in the Campus**

In these days when habitats are diminishing and several species of Birds are on the verge of Extinction, the College sets a trend by constructing and maintaining birdhouses for Endangered Birds. Group members present an informative display about the nesting habits of various bird species to spread information and create interest among the college students. This has been initially implemented as a pilot scale study in the campus and in future the programme shall be initialized in nearby villages and schools.

• **Placards with Messages**

Placards with messages on Environmental Conservation are fixed at different locations in the college premises to increase awareness among all on campus.

• **Neem Green Campaign**

The students and faculty of the Department of Environmental Sciences participate in the '**Neem Green Campaign**' in the college campus every year. As part of the the *Social Forestry Programme* saplings are planted in the 'Shanthisthal' and various other places in the campus by the faculty and students of the Department.

• **Shanthisthal**

In collaboration with the Kerala State Biodiversity Board, a Biodiversity Club is constituted in the college, and the main objective of which is to carry out programmes for conservation of local biodiversity in accordance with the State Biodiversity Acts. The Board has sanctioned the prestigious '**Santhisthal**' project to All Saints' College in which initially, 15 cents of land in the campus was set



aside for making a wood-lot with Rare, Endangered and Threatened (RET) species. Later, an additional 85 cents of land was allocated for this purpose and thus a total of 1 acre of land was brought under the project, which in due course of time is to be turned into a biodiversity rich thick forest area without human hindrance.

- **Know Our Plants**

The final year students of the Dept. of Botany display local plants with their vernacular name, binomial, family along with their uses including their medicinal importance and economic benefits daily in a prominent place for all to see. This helps to bring awareness about the common plants around us.

- **'Forests 4 ever'**

An Environment protection awareness program was conducted by the members of Eco Club under the Dept. of Botany on 16th December 2014. The program was organised in association with Marikkar group and Big FM. The club members along with the students and staff took an oath to protect and save our environment through planting trees and conserving forest. Tree saplings were also planted in the campus on the occasion as part of the programme.

- **Rain water harvesting**

Rainwater harvesting tank has been constructed in the college and the rain water collected is used for gardening, farming and cleaning.

- **Beach Cleaning Programme**

Members of the Eco club, Community Health Club, NSS and the Department of Environmental sciences participate in the cleaning programme at Sanghumugham beach in collaboration with H2O – (Helping Hands Organization) a students' initiative group.

- **Documentary Feature Film Fest**

To create awareness about the environmental issues a Documentary feature film fest was conducted by Dept. of Botany on 7th August 2014. "Nellu" and "Love Plastic" directed and produced by Devu Krishna S. Nath, a class 7th student of Cotton Hill Higher Secondary School, Trivandrum were screened on the occasion. Department of environmental sciences also organizes **Green Film Fest** every year in collaboration with Centre for Gandhian studies, Tvm.

7.1.5 Waste Management Strategies

- **Biogas unit**

The college is managing 3 biogas units in which bio waste from the canteen and hostel is being used to produce methane that is used for cooking. Waste that has been fully digested exits the biogas system in the form of organic fertilizer and is used for organic farming. Thus helping in bio waste management to provide energy and eco-friendly manure.

- **Composting unit**

The Bhoomitra Sena club also maintains a microbial composting unit for waste management in the campus. The practice has proved beneficial to keep the campus clean and added a cheap source of fertilizer for organic farming on campus

7.1.6 Green Audit

Every year the Department of Botany conducts green audit of complete flora in the college campus. In addition, a wide variety of herbaceous and shrubby



plants of medicinal value also grow luxuriantly in the campus. Planting and rearing of plant species is taken up by the Eco Club and Biodiversity club of the college in collaboration with the Department of Forests and Biodiversity Board, Govt. of Kerala. Awareness programmes on global warming, environmental sustainability, organic farming etc. are organized periodically.

- **Biodiversity Documentation of the campus**

In collaboration with **Kerala State Biodiversity Board**, Biodiversity Documentation of All Saints' College Campus was initiated jointly by the Departments of Botany and Zoology. The documentation was completed by December 2011. A total of 213 species of angiosperms belonging to 70 different families were identified and documented. Every year it is updated when new varieties are introduced on the campus.

- **Tree Register**

A tree register has been maintained in the department of Botany. It includes the binomial as well as vernacular name, family and location of trees in the campus.

- **Medicinal Plants Register**

The register contains binomial name, common name and family of medicinal plants in the college campus.

- **The 25th Anniversary of the Silent Valley National Park** was celebrated by the dept. of Botany in collaboration with the Forest Department. A mobile exhibition of the Forest Department took off from the college campus to different parts of Kerala to propagate the ideas of forest conservation.

7.1.7 Eco Parks

- **Mahatmaji Jaivodyanam**

Mahatmaji Jaivodyanam is a project undertaken by the department of Botany under the sponsorship of Kerala State Biodiversity Board. A garden with endemic and common trees of Kerala on 3 cents of land is maintained. A '*jaiva veli*' around Mahatmaji Jaivodhyanam is constructed by the faculty members and the members of Eco club. The trees planted include endemic plants like *Gluta travancorica* (*Chenthuruni*), *Cananga odorata*, *Couropita guanensis* (*Nagalingam*), *Baccaurea courtallensis* (*Mooty*) etc.

- **Medicinal, Fruit and Ornamental Gardens**

Maintenance of the Medicinal, Fruit and Ornamental garden is done by the Eco- club under the guidance of the dept. of Botany. Members have prepared name boards for medicinal plants and exhibited in the garden to create general awareness. The purpose of the medicinal garden is to conserve the plants, give students an opportunity to understand the growing role of nature in healing and wellness as well as interaction with the environment. The garden now consists of about 500 medicinal plants. The orchard has a collection of 21 hybrid species of fruit plants.

- **Nakshatra Garden**

A Garden where trees associated with the 27 constellations or Nakshatras is constructed in the campus under the Dept. of Botany. It was inaugurated on 27th November 2013. Fencing of '**Nakshatra Garden**' and fixing of the name board was funded by The Central Bank of India, All Saint's Branch, and Tvm. It is believed that each constellation of the zodiac is associated with a tree, which



consist of medicinal, social, aesthetic or economic value and if one plants a tree associated with one's star, which will bring good luck.

- **Greenhouse and Polyhouse**

Greenhouse has a collection of non-hardy plants. It displays a living collection of plants, while serving as a valuable teaching resource. The plant collection includes orchids, cacti and succulents, ferns, begonias, bromeliads, and other warm temperate, tropical, and subtropical plants. Plants in the collection are used primarily as teaching resources and others are representatives of particular genera, families, or geographic locations. **Polyhouse** situated opposite to the Medicinal Garden functions as a conservatory of herbal medicinal plants. It serves as a germplasm conservatory of *Bacopa monniera* (Brahmi) collected from all over Kerala with more than 60 accessions. Other medicinal plants collection includes endemic plants like *Trichopus*, *Naregamia* etc

7.2 Innovations

The challenge faced by most of the campuses is maintaining discipline, thereby sustaining a congenial atmosphere for teaching and learning which of course, is the very objective of any educational institution. The innovations are refreshing and enriching for developing an apt ambience for nurturing academic and non-academic accomplishments.

- **Proper Monitoring of the Students by the Discipline Committee**

The **discipline committee** takes stringent measures to ensure that no students wander in the campus during class hours and that they are punctual in attending classes. Their free hours are engaged in Karate classes or by directing them to library to make use of their time constructively.

- **Teacher-Student Interaction**

Informal interaction between the students and the concerned Faculty are encouraged. The Principal and each Head of the department also interact with students. Besides, the principal also conducts routine check of the departments and the attendance registers of the students. The Principal, pertaining to teaching quality encourage the HODs and teachers for improvement. All efforts are made to provide latest teaching skills.

- **The Career Guidance Cell**

Students are motivated in finding opportunities for higher learning, research and career development through modern technologies. The Career Guidance cell efficiently helps the students in this regard. Mentoring programmes are conducted under **Walk With a Scholar and SSP Programme**

- **Activities of different Clubs of the College**

Various clubs that are functioning in the college, each with separate teacher and student coordinator, motivate the students to keep better academic discipline.

- **College Website**

The Institution has moved towards electronic data management and have official institutional website to provide ready and relevant information to stakeholders. The Website of the college provides all the details regarding college and also hosts a special link for online submission of question paper. The link can be accessed only through the username and password of the concerned teacher. The faculty can login using their username and password and can either upload or type their respective question papers and notes. The **Wi-Fi connectivity** available in the college has considerably improved the communication and documentation



process. An **SMS alert** system helps to maintain a continuous contact with the parents by sending messages to them by the concerned faculty.

- **Counselling Cell**

Counselling Cell functions with the aim of addressing issues of unrest and indisciplined behaviour seen among the students. It also does psychological assessment (personality, intelligence, aptitude) for the self awareness and development of the students. Regular Counseling programme for students and continuous mentoring programme by our former faculty members is also conducted. The Orientation Committee conducts academic counselling at the time of entry into the college regarding the choice of stream and subjects. Academic counselling is given to the students through various seminars and workshops organized for them. Career counselling is handled by the Career Guidance Cell.

- **Bridging the Gap**

With a view to awaken a sense of responsibility amongst students towards their fellow citizens who are less fortunate, the department has launched a project, 'Bridging the Gap' in October 2013. As part of this project, a group of select students regularly visit a nearby schools to teach the students of Class. Our pupil teachers are encouraged to develop teaching aids and classes are taken on Fridays from 1 pm to 2 pm.

- **Make A Difference (MAD)**

It is a youth driven, non-profit organization working to ensure better outcomes for children in orphanages and street shelters. MAD's mission is to ensure that all children in shelters across India are able to realize better or equitable outcome, within the next 25 years by mobilizing the community, enable the sector, empowering the child and changing the ecosystem. As of today MAD reaches out to 4250 children living in 77 shelter homes in 23 cities in India, through a highly efficient fellow managed volunteering model. It is a matter of pride that some of our students are active members of MAD with volunteer teachers who teach children from diverse backgrounds especially those from financially challenged families and orphanages. As of now All Saints' College has 25 MADsters working in different verticals of MAD. These youngsters provide support for Mathematics, Science and English students. Make A Difference provides 'ED support project', other projects like 'Discover' and 'Propel' that builds aspirations and dreams in children by exposing them to new skills and careers.

- **Literacy Mission**

One of the extension programmes of the Department of Economics to disseminate literacy including digital literacy to the disadvantaged, marginalized and deprived sections of the society. The School Adoption Programme of the Literacy Mission named "**Each One Teach One**" for community engagement aims to bridge the Learning Divide among the school going children of the neighbouring schools at Vettucaud and Karikkakom where students hail from socially and economically disadvantaged families. "**Shikshana** is collaborative activity with the State Literacy Mission where the student volunteers take equivalency classes for the adult dropouts registered under the "**Athulyam**" Programme of the State Literacy Mission. The Mission volunteers also take equivalency classes for Standard X on every Sundays at the Centre. "**Go Digital**" which is is a Total e – literacy campaign imparting basic computer literacy to the rural masses and other socially deprived sections of the society inhabiting in the



nearby coastal belt and also the disadvantaged and weaker sections of the society such as the women and girl children of the rural Self Help Groups.

- **See To Feel**

Women on Wings and **Kaushal All Saints'** is striving to make the girl youth of the college self employable in which the members of the club train all students for various activities like umbrella making, candle making, doll making etc. The trained members of **Women on Wings** also make field visits to institutions that are refugee homes of socially disadvantaged women and children like **MahilaMandiram**, **SreeChithra Poor Home**, **Abhaya**, **Thanal**, and **Home for the Handicapped Women** etc and impart to them lessons of craft making, skill training and digital literacy so as to enable them to venture into self employment opportunities.

- **“BE ALERT”- Life Enrichment Education and Sensitization Programme**

The Programme **“Be Alert”** has been launched by the Department of Economics with the intention of imparting Life Enrichment Education to the students of the college. The programme envisages organizing Sensitisation Programmes for the students on various themes of socio economic relevance such as gender empowerment, social security, women safety, environmental protection and ecological conservation, Human rights protection etc.

- **JANAPATHAM”: Village Adoption Programme**

‘Janapatham’, an ambitious 7 year Quality of Life Enhancement Programme undertaken by the Department of Economics in collaboration with other departments of the college aimed at improving the quality of life of the BPL families of Veli Panchayath in Thiruvananthapuram district and the programme is progressing steadily with remarkable results.

- **Walk With a Scholar (WWS) and Student Support Programme (SSP)**

A few of the Faculty of the college are effectively handling State Government sponsored quality initiatives such as SSP and WWS. The programmes which target the First Semester students, provide extra support to them and give the cutting edge in their way to success. SSP programme aims at imparting additional support to students in the curricular areas of weakness. Books and files are distributed to the target group and the mentors supplement their teaching by providing additional learning materials. Students make use of the reference books provided to gain a broader understanding of the subject. WWS has been successful in giving necessary orientation to high achievers in order to prepare them for employment and give them necessary guidance, motivation and mental support to identify appropriate areas for higher studies as well as for employment.

- **H2O – Helping Hands Organization**

Helping Hands Organization is a secular non profit support organization striving to create better world for the deprived and the needy with special focus on the differently abled children. The organization works with the mission for the betterment of the quality of life for these children, help them to realize their full potential and live with dignity and respect. A select number of students of the college are also a part of the activities organized by H2O through various projects like **Rehabilitation and facilitation of differently abled kids mainly those with autism** and programmes like **Pratheeksha**, **Care for the Elderly** and **CMCA**. **Pratheeksha** is a programme conducted to monitor the education of under privileged school children which motivate and support the aspiring children in



Trivandrum city to dream high and achieve a more accomplished life in spite of their socio economic background. **Care for the Elderly** is aiming at care for the elderly people who are bed-ridden so that they get special medical care, nutritional food supplement, clothing, cots etc. **CMCA India** is a 12 year old non-profit movement head-quartered in Bangalore that was founded on the belief that, the extents to which citizens are aware of and participate in governance and democratic processes. H₂O also provides facilities like **H2O library** (contains reading materials for the physically challenged, vision and hearing impaired and orphaned children) and **H2O outlet** (here the products made by the differently abled children in and around Kerala are showcased).

❖ **Other innovations**

- **ICT enabled** class rooms helping in improving teaching learning process. The computer assisted teaching aids have revamped the conventional lecturing method.
- The institution has established several mechanisms to add value to the quality enhancement of students. **Debate club** and **Quiz club** of the Department English of the College gives special attention to quality enhancement of students.
- The college has introduced **Remedial Coaching Classes** particularly for poor and financially weak students.
- **AICUF** (The All India Catholic University Federation) and **Jesus Youth** movements in the college deals with the current educational, social, cultural and political scenario of the country on various themes. Annual retreat, the first Friday Eucharistic Celebration, prayers, seminar and leadership programmes too are conducted.
- The college has constituted several **Administrative bodies** including, Anti-ragging Grievance Redressal cell, Ethics committee, Website committee, IT committee, Info bank, Handbook committee and Campus beautification committee.
- **Red Ribbon Forum** and **Club 25** are functioning in the college to encourage voluntary blood donation among students and promote awareness of safe blood donation. Club 25 is a voluntary blood donation initiative through which members pledge to donate blood 25 times by the age of 25.
- **The Women's Studies Cell** is engaged in various programmes to create awareness among students about problems prevalent in society related to women and the preventive measures that can be undertaken legally.
- Faculty and students are engaged in releasing **College magazine**, **Newsletters**, **Department magazine** and **Manuscript magazine**.
- All the departments are also conducting **Exhibitions** in their concerned fields.
- **Film club** and **Journal club** also involve active student participation.
- **The Best Department award** is yet another effort to encourage quality and quantity in the activities of every department in the college.
- **Thanal**- The social initiative undertaken by the students through mobilizing voluntary donations and funds from the students and faculty, helps to address the financial difficulties of poor students to a great extent by providing them with adequate provision of study materials, note books, mid day meals by using the benevolent fund of the Programme.



- **Health Awareness Field Work** by the Department of Commerce is an extension activity by Health club and NSS Unit of the college.
- **Prodigy-** It is a forum under the Department of Economics which intends to provide a platform to students for active discussions and debates on various economic and other contemporary issues.

7.3 BEST PRACTICES

BEST PRACTICE - I

“VALUES IN EDUCATION AND EDUCATION IN VALUES”

Title of the Practice

Values in Education and Education in Values

Goal of Practice

Value based education is imparted to students to make them morally upright and socially committed. Various activities based on value education enable the students to promote sustainable development and to promote and strengthen values for a better future. The main aim is to prepare students to be committed to a life of community service as responsible citizens and to impart human values and social attributes to the students.

The Context

Without social responsibility, education is incomplete. To imbibe moral and spiritual values the College has made efforts to instill in students a moral and spiritual temper through value education that lead to their holistic development and to prepare them for a socially committed life.

The Practice

To promote and strengthen values in our students for a better future, the following activities are practiced.

- **The College Assembly**

The college assembly every morning starts with an invocation to God to remind students of the importance of prayer. Each department is assigned two weeks to conduct a meaningful assembly over the public system. It begins with a prayer song, followed by a prayer, the thought for the day, one rule from the students' handbook is read, and it ends with the national anthem. On days of special importance a *message* is given to make the students aware of the importance of that special day.

- **Prayer Room**

The *Prayer Room* is open to all for spiritual sustenance on campus.

- **Ethics Class**

Every Monday, the *Ethics Class* is arranged for all the students in which the teacher in charge and the students discuss values which help them to improve their personality and mould character. Value based talks by the AICUF, Human Values Club and Ephphatha Club also augment the ethics classes.

- **Retreat and Prayers**

The college being a catholic institution the spiritual wellbeing of the catholic students is of prime importance and hence programmes like the annual Retreat for the students and the staffs of the college is organized. The Jesus Youth group conducts regular prayer sessions in the college. *Holy Mass* is celebrated on every First Friday of the month and also on important catholic feasts. It is compulsory for all catholics to attend the same. Prayer sessions are open for all staff and students of other faiths too.



- **Green Initiatives**

To raise public awareness about environmental protection and to create awareness among the students on conservation of natural resources, the College observes various days of environmental importance. Each department takes up initiatives to organize activities on various environmental issues like waste management, rain water harvesting, groundwater recharging, paper bag production, conservation of biodiversity, biogas plant etc. Students' initiatives in organizing programmes in collaboration with NGOs are highly appreciated.

- **Open Space**

It is an NGO that collaborates with the college to spread awareness to stands against women atrocities by addressing issues of violence against women. The college also organizes programmes like legal awareness talks, debates and seminars to discuss problems related to women community. This has raised consciousness among the student fraternity to take a strong stand against sexual harassment and other violence perpetrated against women in society.

- **Women Empowerment**

In view of *Women Empowerment* students are being trained in soft skills, through personality development workshops, coaching classes and interviews with eminent women activists. International Women's Day is observed with various activities on women issues like women's rights, gender equality and legal awareness programmes. **Women on Wings** and **Kaushal All Saints'** are programmes striving to equip the girl youth of the college to be self employable through hands on skill training in various activities like umbrella making, candle making, doll making etc.

- **Social Commitment**

Charity has been taken up as an important virtue by the college. Students and teachers actively participate in various activities. Students put up food stalls and gaming zones in the college campus to collect funds. The members of the faculty contribute generously towards the charitable activities of the College. On special occasions, students and staffs of the college provides food for the *Aakasaparavakal* – an old age home in the vicinity of the college and Ward 9 of the General Hospital. **NSS, Red Ribbon Forum** and **Club 25** are actively involved in encouraging voluntary blood donation among students and promote awareness of safe blood donation and social responsibility. Club 25 is a voluntary blood donation initiative through which members pledge to donate blood 25 times by the age of 25.

- **Noon Meal Programme**

The noon meal programme instituted by the college intends to cater to the needs of the students who find it difficult to feed themselves owing to various social and economic reasons. It is the responsibility of the college to ensure that the students are not let to sit in the classroom without food. Various departments sponsor food for such students from the canteen under strict confidentiality to safeguard the dignity of the student.

Evidence of success

In spite of being a Christian management institution, the college gives equal importance to all religions. The spiritual activity conducted adds a lot of positive impact on the moral and spiritual wellbeing of students. The eco friendly practices initiated in the last few years have been institutionalised through the installation of biogas plants, the use of biofertilizers and biopesticides, and the segregation of biodegradable and non-biodegradable waste. The eco projects taken up by the



departments such as awareness programmes on environment and energy conservation, linking up with governmental and non-governmental agencies in 'clean green programmes' have instilled in students a concern for the environment. They enthusiastically carry out these practices in their households and neighborhoods. **The Prakrithimitrhra Award** was conferred on the College by the Govt. of Kerala in recognition of the efforts in creating awareness on environmental conservation. Student leaders take the initiative in organizing fund raising programmes for charitable causes. The institutional attempts at women empowerment through co-curricular and value added skill development programmes have enabled the students to be confident and empowered by the time they graduate from the Institution. The students have distinguished themselves in extension activities through their active involvement in NSS, AICUF and Red Ribbon Club. University and State NSS awards for best college, Best Programme Officer and Best Student Volunteer are proof of the meritorious performance of the College. The value based education offered by the College has ensured students' integral growth.

Problems Encountered and Resources Required

- Adequate time needs to be provided during the class hours for programmes to be conducted regularly for updating the knowledge of students regarding environmental protection.
- The influence of media leading to erosion of values.

Contact Details

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BEST PRACTICE - II THE GREEN THUMB INITIATIVE

Title of the Practice

The Green Thumb Initiative

Goal of the Practice

To create awareness among the local residents and the student community regarding the importance of maintaining a green, clean, healthy and eco-friendly environment thereby fostering a bond with the society and the environment.

The Context

It's not enough to prepare children for the future. We must prepare the future for our children. The activities designed in the college help to fulfill our environmental commitment which will provide environmental benefits, such as water and air quality preservation, and biodiversity protection. Several initiatives have been undertaken to ensure environmental protection. These activities have helped to conserve nature on campus leading to a good practice of environmental awareness.

The Practice

To conserve and protect natural resources for future generations and to protect human health through environmental stewardship, the following activities are practiced in the college.



- **‘Veettil Oru Adukkalathottam’**

The practice was a year long programme which involved the setting up of a kitchen garden in a few selected houses at the Karikkakam Ward near All Saints’ College. Kudumbasree members of unit 1 of Karikkakam ward were helped in the selection of women from the locality to educate them in this process of self employment. More than 40 students, 12 kudumbasree members and several women from the nearby Panchayat attended the programme. Two agricultural experts from the Agricultural Department, Kudappanakunnu were the Resource Persons. Ms. Mini C L, Agricultural Officer and Mr. Binulal, Coordinator, Agricultural Department, Kudappanakunnu, took classes on ‘How to raise vegetables like Brinjal, tomato, Cabbage, Beetroot and Chillies and the saplings of the same were distributed to women, kudumbasree members and students.

This practice has been continuing from then on every year with the selection of new families to spread the awareness and to help more households to maintain a kitchen garden. Awareness on the related use of pesticides and their impact, the alternative methods to control pest and other diseases, nature conservation have also added to the knowledge of these simple residents. Members of the Eco club conduct a follow up once gardens have been set up through continuous interaction with the women who have benefitted through this practice.

- **Environment Enrichment Awareness Committee**

The committee formulates action plan related to different outreach as well as extension programmes aimed at conservation, management and sustainable options for Environmental Quality Improvement. Under this committee, two clubs – **Bhoomithra sena club** and **Biodiversity club** are actively involved in Environment enrichment activities like plantation of rare, endangered and threatened floral species in and outside the campus thereby raising awareness regarding conservation of plant species for our mother nature. The **Eco Club** often organizes tree-plantation & maintenance programmes in and outside the campus. These planted trees are maintained carefully by the college authorities.

- **Water Resource Management**

As part of Inter University Competition on Water Resource Management conducted by TERI University, New Delhi, a group of 5 students under the mentorship of Dr. Nisha KK of the Department of Botany have undertaken a project on “**Rejuvenation of a eutrophicated pond in Karikkakom.**” As part of the preliminary study, various physical, chemical and biological parameters are analyzed. Remedial measures mainly include bioremediation and various local awareness programmes. It is observed that sustainable management can be achieved through practices like pisciculture, organic farming and composting.

The project got Award of Merit at the Regional level and was selected for National level to be held at Delhi during February 2016.

- **Pond Ecosystem Study**

In collaboration with the *International and Inter University Centre for Natural Resources Management (IIUCNRM)*, the Department of Environmental Sciences is involved in a project in which few panchayats are selected and the pond ecosystems therein are under study. The main aim is to study the ecology of ponds in that area through water quality analysis, plankton identification, soil sampling and use of Remote Sensing and GIS. The students and faculty have started the project by identifying each and every pond ecosystem in Nedumangadu and Athiyannor Block.



The Geo Spatial Parameters are also taken into consideration to find out the relationship between the topography and the water content and quality of the ponds under study.

- **Tree Planting Programme at Nearby Railway Station**

Student members and teachers of Bhoomitra Sena Club and NSS unit are actively involved in planting tree saplings and cleaning programmes in and around Kochu Veli railway station on 15 August every year.

- **Awareness Classes to School Students**

As part of the Annual Camp activity of NSS, Karikkakom Government School was selected for the purpose. One of the camp activities conducted together with the school children included Tree Walking which helped them to identify the major tree categories in their school campus. Members of NSS also took classes regarding natural resources and the importance to conserve and protect them. In the self employment classes, the student volunteers gave a demonstration on the setting up of a vegetable garden and also the importance of use of biofertilizers.

- **Health Club**

The department of Commerce through the various extension activities undertaken through Community Health Club has helped in the creation of awareness among students and the local community regarding health and hygiene. The student members and the faculty in charge of the club visit the nearby schools and wards and enquire about the health and environmental conditions once a month. They conduct surveys regarding various issues that affect health and are also involved in environmental cleanup. They also organize awareness classes regarding the same.

Impact of the Practice

The women of Karikkakom ward have benefitted greatly through their ready acceptance and involvement in the kitchen garden initiative. The project has helped them in self employment which enabled them to pursue their day-to-day activities alongside the demands of the kitchen garden and the benefits of pesticide free organic vegetables and its high demand in today's agricultural market. The idea of earning an additional income for the family and being dependent was also an added attraction of the programme. The activities of Health club have added a positive impact on maintaining a clean environment in the selected wards leading to improved health. The collaborative work with IIUNCRM has helped in the study of the ecology of pond ecosystem in the selected block panchayats and 37 ponds are under study as part of this project.

Evidence of Success

Women participants from the kudumbasree unit took effort to set vegetable garden in their houses. They also got advice and necessary help from the Agricultural Department, Kudappanakunnu. They are continuing their efforts to maintain such vegetable gardens in their neighbourhood as well. Classes given to school students on environment conservation have helped to raise some sort of awareness among them. The pond ecosystem study in the selected panchayats has helped to document the geospatial parameters of that area. The health club activities have helped the residents of Karikkakom to realize the importance of personal and environmental hygiene.

Problems Encountered and Resources Required

The major problems encountered in the implementation of the project was



- Mobilizing local women for various training programmes
- Funds raised are insufficient.

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7.4. FUTURE PLANS

1. **Adopt a school :-** (Karikkakom Government High School)
 - Conduct of awareness classes and competitions for the students.
 - Educate them about segregating waste and proper disposal, initially by providing different coloured dustbins for each type of waste.
 - Teach them how to create and maintain a garden (an organic vegetable garden)
 - Choose a representative for each class and provide them with a diary to write down their activities and progress.
 - Monitor all the activities on weekends through their teachers and give prizes to the best group to encourage them further.
2. **Campaign for 3 R's: Reduce - Recycle- Reuse**
 - Create a campaign to educate and encourage community members to use reusable grocery bags (jute) and re -use plastic carry bags.
 - Classes on how to make creative use of plastic junk and anything deemed old and unusable.
 - Educate community members on the importance of the 3R's by screening short videos and films about the Dangers to Environment.
 - Organize workshops for different schools on the role children can play in the safe guarding of the Environment.
3. **Promotion of Medicinal Plants and Ayurveda**

Proposals have to be prepared to submit to major industries and companies to promote plantation of medicinal gardens. (An industry, company or enterprise which gives consent will be provided with saplings and assistance in plantation for the medicinal garden in their premises).



EVALUATIVE REPORT OF THE DEPARTMENTS



DEPARTMENT OF PHYSICS

1. Name of the department : **Physics**
2. Year of Establishment : **1964**
3. Names of Programmes/ Courses offered: **UG - B. Sc Physics**
4. Names of Inter disciplinary courses and the departments/ units involved

Name of the course	Departments involved
Complementary Course	Chemistry and Mathematics
Open Course – Astronomy and Astrophysics	Other Departments

5. Annual/semester/Choice Based Credit and Semester System
Annual Scheme till March 2010 & CBCSS from June 2010
6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complementary courses	Chemistry and Mathematics Departments
Open courses	Other Departments

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
Professors	5	-
Associate Professors		2
Asst. Professors		2
Guest Lecturers		1

One retirement vacancy to be filled

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. students guided (last 4 years)
Dr.Molly Issac	M.Sc, Ph.D	Asso. Prof. (Rtd)	Atmospheric Science	33	-
Ms. Kalyani S	M.Sc	Asso. Prof. (Rtd)	Electronics	32	-
Dr. Caroline Beena Mendez	M.Sc, B.Ed M.Phil, Ph.D	Asso. Prof.	Materials Science	22	-
Dr. Deepa M	M.Sc, Ph.D	Asso. Prof.	Materials Science	20	4
Dr. P. S. Anjana	M.Sc, B.Ed M.Phil, Ph.D	Asst. Prof.	Materials Science	5	5
Dr.Veena Suresh Babu	M.Sc,M.Phil Ph.D	Asst. Prof.	Atmospheric Science	1	-

11. List of senior visiting faculty : **NIL**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
-	-	-	-	-	-	15	10	15	10

L- Lecture; P- Practical



13. Student-Teacher Ratio (programme wise)

UG-B.Sc Physics	Core	14:1
	Complementary	36:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Academic support	2	2

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Name	Qualification
Dr. Molly Issac	M.Sc, Ph.D
Ms. Kalyani S	M.Sc
Dr. Caroline Beena Mendez	M.Sc, B.Ed, M.Phil, Ph.D
Dr. Deepa M	M.Sc, Ph.D
Dr. P S Anjana	M.Sc, B.Ed, M.Phil, Ph.D
Dr. Veena Suresh Babu	M.Sc, M.Phil, Ph.D

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Dr. P S Anjana and Dr. Deepa M	Synthesis, Characterization, and properties of glass ceramics for low temperature cofired ceramics	UGC	2011-14	Sanctioned – ₹ 9.68 lakhs Received- ₹ 7.72 lakhs

17. Research Centre/ facility recognized by the University: NIL

18. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Dr. Caroline Beena Mendez			2
Dr. Deepa M	14	-	14
Dr. P S Anjana	22	-	11
Dr. Veena Suresh Babu	10	-	10

Journal Publications						
Sl No	Title	Journal	Volume	Year	National/ International	Citation/ Impact/ h- Index
Dr Deepa M						
1	Growth and characterization of a new polymorph of Strontium D, L-maleate. A metal organic frame work	J. Cryst. Growth	12	2015	International	1.698
2	Structural, optical, photocatalytic and antimicrobial activities of cobalt doped tin oxide nanoparticles	J.sol-gel science and technology	75	2015	International	1.532



3	Growth and characterization of crystals of a new organic complex of Thio Urea with Quinine Sulphate Dihydrate: An NLO Material	Spectro chimica Acta Part A: Molecular And Biomo lecular Spectroscopy	12	2014	International	2.129
4	Growth and characterization of gel grown Lead Maleate	Int. J. Engg. Res. and Techno.	3	2015	International	1.76
5	Structural and optical properties of Co doped tin oxide nanoparticles	Int. J. Engg. Res. and Techno.	5	2015	International	1.76
6	Band gap engineering in Ni doped ZnO thin films for use in optoelectronic applications	Int. J. Engg. Res. and Techno.	7	2015	International	1.76
7	Influence of Fe dopant concentration and Annealing Temperature on the structural and optical properties of ZNO thin films deposited by sol-gel method	Journal of Materials Science Materials in Electronics	25	2014	International	1.966
8	Crystal structure, spectral, thermal and dielectric studies of a new zinc benzoate single crystal	Spectrochimica Acta Part", Molecular and Biomole cular Spectro scopy,	97	2012	International	2.129
9	Spectral thermal, dielectric studies and crystal structure of novel nonlinear optical diaquabis {salicylato} zinc	International Journal Of Chem Tech Research	4	2012	International	0.32
10	Influence of FE Dopant concentration and Annealing Temperature on the structural and optical properties of ZNO thin films deposited by sol-gel method	Journal of Materials Science Materials in Electronics	25	2014	International	1.966
11	Growth and characterization of crystals of a new organic complex of Thio Urea with Quinine Sulphate Dihydrate: An NLO Material	Spectrochimica Acta Part A', Molecular And Biomolecular Spectroscopy	12	2014	International	2.129
12	Growth and Characterisation of a novel polymer of manganese[11] nicotinate single crystals	Journal of crystal growth	333	2011	International	1.693
13	Crystal structure, thermal, dielectric studies of a new polymorph of Thiamine Iodide Hydroiodide	International journal of chem.Tech Research	3	2011	International	0.32
14	FTIR studies of pure and doped Hippuric acid crystals	Journal of Perspectives in vibrational spectroscopy	1075	2008	International	1.547



Dr. P S Anjana						
15	Microwave dielectric properties and low temperature sintering of $(1-x)\text{CeO}_2\text{-}x\text{BaTi}_4\text{O}_9$ ceramics	Int. J. Appl. Ceram. Technol.	5	2008	International	1.215
16	Low Dielectric Loss PTFE/ CeO_2 Ceramic Composites for Microwave Substrate Applications	Int. J. Appl. Ceram. Technol.	5	2008	International	1.215
17	Synthetic Minerals for Electronic Applications	Earth Science India	1	2008	National	
18	Low Loss, Temperature Stable Dielectric Ceramics in $\text{ZnNb}_2\text{O}_6\text{-Zn}_3\text{Nb}_2\text{O}_8$ System for LTCC Applications	J Mater. Sci.: Mater. Electron	20	2009	International	1.966
19	Microwave dielectric properties and low temperature sintering of cerium oxide for LTCC applications	J. Am. Ceram. Soc.	92	2009	International	2.428
20	Low temperature sintering and microwave dielectric properties $\text{Li}_2\text{MgSiO}_4$ ceramic for LTCC based devices	J. Am. Ceram. Soc.	92	2009	International	2.428
21	Thermal properties of Low Loss PTFE- CeO_2 Dielectric Ceramic Composites for Microwave Substrate Applications	J. Appl. Polym. Sci.	118	2010	International	1.40
22	$\text{CeO}_2\text{-La}_{0.5}\text{Sr}_{0.5}\text{CoO}_{3-\delta}$ composites for Giant permittivity applications	J. Phys. D Appl. Phys.	42	2009	International	2.521
23	The Effect of Dopants on the Dielectric Properties of Ba $(\text{B01/2Ta1/2})\text{O}_3$ (B05La, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Y, Yb, and In) Microwave Ceramics	Int. J. Appl. Ceram. Technol	6	2009	International	1.215
24	Structure and Microwave Dielectric Properties of $\text{Ca}_5\text{A}_4\text{TiO}_{17}$ (A = Nb, Ta) Ceramics	Mater. Chem. Phys	121	2010	International	2.129
25	Dielectric, thermal, and mechanical properties of CeO_2 -filled HDPE composites for microwave substrate applications	J. Polym. Sci. Part B-Polym. Phys.	48	2010	International	2.22
26	Low Temperature sintering and microwave dielectric properties of $\text{Ce}_2(\text{WO}_4)_3$ ceramics	Ceram. Int.	36	2010	International	2.086



27	Microwave dielectric properties of $Ce_xRE_{1-x}O_{2-\delta}$ (RE = La, Nd, Sm, Eu, Gd, Dy, Er, Tm, Yb and Y), $0 \leq x \leq 1$ ceramics	J. Alloys and Compds.	490	2010	International	2.726
28	Dielectric, Mechanical, and Thermal properties of low permittivity polymer-ceramic composites for microelectronic applications	Int. J. Appl. Ceram. Technol.	7	2010	International	1.215
29	Synthesis, Characterization, and Microwave Dielectric Properties of $Sr_{2-x}La_2Mg_{1-x}W_2O_{12}$ (x=0,1) Ceramics	J. Am. Ceram. Soc.	93	2010	International	2.428
30	Chemical bath deposition and characterization of CdSe thin films for optoelectronic applications	J Mater Sci.	45	2010	International	2.305
31	Low permittivity $SrCuSi_4O_{14}$ -LMZBS glass composite for LTCC applications	Mater. Lett.	65	2011	International	2.27
32	Effect of borosilicate glasses on the microwave dielectric properties of $ZnO-Nb_2O_5-Ta_2O_5$, 24[6], 2035-42, 2013.	J. Mater. Sci. Mater. Electron.	24	2013	International	1.966
33	Synthesis and Characterization of Strontium and Barium Bismuth Borate Glass-Ceramic	J Non Crystal. Solids	404	2014	International	1.716
34	Synthesis and Characterization of Zinc/Manganese Borate Glass-Ceramic for LTCC applications	J. Mater. Sci.	revision		International	2.305
35	Effect of lanthanum doping on barium aluminoborosilicate glass	Int. J. Engg.Res. and Techno.	In press	2015	International	1.76
36	Mechanoluminescence properties of Eu doped Barium Strontium Aluminate Phosphors	Int. J. Engg.Res. and Techno.	In press	2015	International	1.76
Dr.Veena Suresh Babu						
37	Meteor radar observations of short-term variability of quasi 2-day waves and their interaction with tides/planetary waves in the Mesosphere-Lower Thermosphere region over Thumba (8.50 N, 770 E)	Journal of Geophysical Research	116	2011	International	3.44



38	Seasonal variation of planetary wave momentum flux and its forcing towards the mean flow acceleration in the MLT region	Journal of Atmospheric and Solar Terrestrial Physics	78-79	2012	International	1.75
39	Simultaneous observation of quasi 16-day wave in the mesospheric winds and temperature over low-latitudes with the SKiYMET radar	Radio Science	45	2010	International	1.45
40	Characteristics of winds in the equatorial MLT region- A Review	Asian Journal of Physics	19	2010	International	
41	Temperature perturbations in the Troposphere-Stratosphere over Thumba (8.50N, 76.90E) during the Solar Eclipse 2009/2010	AnnalesGeophysicae	29	2011	International	1.518
42	First observational study of elipse induced variations in the horizontal winds simultaneously in the troposphere, stratosphere mesospheric and lower thermosphere region over equatorial station Thumba (8.50N, 76.90E	Earth, Planets and Space	65	2013	International	3.06
43	Day to day and seasonal variability of quasi 5 day wave over Trivandrum	AnnalesGeophysicae		2014	International	1.518
44	Quasi biennial oscillation in the stratosphere and mesosphere and quantitative estimation of forcing from short period planetary waves over an equatorial station	Current Science	106	2014	National	0.782
45	Estimation of momentum flux of long period planetary waves	Radio Science		2014	International	1.45
46	Climatological structure of horizontal winds in the tropospheric stratospheric and mesospheric region over an equatorial station Trivandrum (8.50N, 76.90E)	Geophysical Research Letter		2014	International	4.456
International Data Base						
No	Year	Faculty	Database –Title			
1	2013	Dr. Deepa M	Supplementary crystallographic data for $C_{24}H_{14}O_{24}Ba_{5.7}H_2O$ Cambridge Crystallographic centreCCDC No. 875452			



Conference papers			
Sl No	Title of the paper	National/ International/ Regional	Year
Dr. Caroline Beena Mendez			
1	Magnetic and Mössbauer Studies of Ti doped $Mg_{0.5+x}Zn_{0.5}TiFe_{2-2x}O_4$ Ferrite	National	2011
2	Mössbauer Studies of Cd Doped Co_2Z hexaferrite	National	2013
Dr. Deepa M			
3	Growth and characterization of Barium Oxalate crystals by decomposition of Ascorbic acid in presence of Barium Chloride	National	2010
4	Growth and thermal studies of gel grown Copper Maleate crystals	National	2011
5	Growth and characterization of Calcium Oxalate crystals by decomposition of Vitamin C in presence of Calcium ions under physiological conditions	National	2011
6	Characterization studies of gel grown Folic acid crystals	National	2010
7	Growth and characterization of Barium Oxalate crystals by decomposition of Ascorbic acid in presence of Barium Chloride	National	2010
8	Preparation and characterization of Fe and Ni doped ZNO thin films	National	2010
9	Spectral and thermal studies of gel grown cobalt nicotinate crystals	National	2012
10	Spectral and thermal study of copper complex of salicylic acid	National	2012
11	Structural Properties of Sm^{3+} doped SnO_2 nanopowders synthesized by a sol-gel method	International	2013
12	Single crystal X-ray studies of pyridine-3-carboxylic acid (Nicotinic acid) crystals grown by gel method	National	2013
13	Structural Properties of Nd^{3+} doped SnO_2 nanopowders synthesized by a sol-gel method	National	2013
14	Structure and optical properties of cobalt doped Tin oxide nanoparticles,	National	2015
15	Growth and characterization of gel grown Lead Maleate	National	2015
16	Band gap engineering in Ni doped ZnO thin films for use in optoelectronic applications	National	2015
Dr. P S Anjana			
17	Synthesis and Characterization of Strontium Bismuth borate glass-ceramic	National	2011
18	Synthesis and Characterization of Barium Bismuth borate glass-ceramic	International	2012
19	Optical properties of alkaline earth zinc borate glasses	National	2013
20	Effect of alkaline earth metals on the structural Properties of zinc borate glasses	National	2013
21	Effect of manganese oxide on properties of zinc borate glass and glass ceramics	International	2014
22	Structural studies of Mn doped zinc borate glasses using Fourier Transform Infrared Spectroscopy	National	2014
23	Effect of Lanthanum doping on barium alumino silicate glass	International	2014
24	Synthesis and Luminescence properties of Europium doped Zinc Aluminate Ceramics	International	2014
25	Structural and optical properties of barium alumino borosilicate glass	National	2014
26	Effect of lanthanum doping on barium aluminoborosilicate glass	National	2015
27	Mechanoluminescence properties of Eu doped Barium Strontium Aluminate Phosphors	National	2015



Dr. Veena Suresh Babu			
28	Short and Long Period Oscillations in the Middle and Upper Atmosphere	International	2009
29	Seasonal Variation in the momentum Flux of Planetary Waves in the MLT region at Trivandrum	International	2009
30	Short-term variability of quasi 2-day waves and their interaction with tides in the MLT region using meteor radar observations	International	2009
31	Meteor Radar Observation of Gravity wave-Tidal Interaction in the MLT region over low latitude	International	2009
32	Periodic Oscillations in the Middle Atmosphere at the Tropical region	International	2009
33	The Climatological Mean Wind Structure from Surface to 100 km at an Equatorial Station-Trivandrum (8.5° N, 77°E)	International	2009
34	Characteristics of quasi-biennial and semi-annual oscillations in the middle atmosphere over a low latitude station and their relationship with weather phenomena	National	2010
35	Study on the Momentum Flux of planetary waves in the MLT region at Trivandrum during different seasons	National	2010
36	Quasi-Biennial Oscillation – An evidence of relation with weather related phenomenon	National	2014
37	Stratospheric and mesospheric quasi-biennial oscillations and their interrelationship	National	2014

20. Faculty as members in
 - a) National committees
 - b) International Committees - Dr. P S Anjana and Dr. Veena Suresh Babu are reviewers in various International Journals
 - c) Editorial Boards
21. Student projects
 - a) Percentage of students who have one in-house projects including inter departmental/programme: **100%**
 - b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: **NIL**
22. Awards/ Recognitions received by faculty and students

Faculty

Dr. Deepa M

- Approved Research Guide of University of Kerala
- III Rank For M.Sc Physics from Kerala University, 1987
- Merit Award from Mahatma Gandhi College, Trivandrum for securing the highest marks in M.Sc Physics, 1987

Dr. P S Anjana

- Kerala State Young Scientist Award in Physical Sciences -2012 -Dr. P. S. Anjana (Faculty)
- Visiting Faculty of Institute for Intensive Research in Basic Sciences (IIRBS), offering MS Programme and Integrated Ph. D. Programme, MG University, Kerala.
- Reviewer of International Journals.
- International Journal of Applied Ceramic Technology Top Cited Articles Include (2010): Low Dielectric Loss PTFE/CeO₂ Ceramic Composites for Microwave Substrate Applications by Dr. P S Anjana, M. T. Sebastian, M. N. Suma and P. Mohanan.
- CSIR-UGC-JRF on July 2002



- Winner of V. SivaramakrishnaIyer Gold Medal and Subrahmanya Iyer Gold Medal from the University of Kerala for securing the highest percentage of marks in MSc. Physics, 1999 from University College, Trivandrum
- Best Poster Award - Microwave Materials Applications Conference held at Japan from 24-26th October, 2004
- State Eligibility Test – 2000 conducted by Government of Kerala
- Approved Research Guide of University of Kerala
- The author has acknowledged P S Anjana in the book Modern Physics (G Aruldas and Rajagopal) published by Prentice Hall of India Ltd.,2008.

Dr. Veena Suresh Babu

- III Rank For M.Sc Physics from Kerala University, 2007
- Reviewer of International Journals.

Students

- Second Year and third Year students of 2013-2014 participated in 25th Kerala Science Congress held at Thiruvananthapuram and won the First prize for the best stall.
- Elana Antony has been selected for her higher studies at Queen Mary College, London.
- Dhanya T won third prize in 100m breast stroke in intercollegiate aquatic competition
- Devika C O Nair won third prize in intercollegiate Cricket match, second prize in the intercollegiate football match, third prize in the intercollegiate base ball and soft ball match-2014.
- Devika C O Nair was a team member in Whushu Competition in National Games-2015 and won fifth place.
- Devika C O Nair won second prize in Football, third prize in Softball and Handball in the University Games – 2015.

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Dr. Anil Bhardwaj	Scientist, Space Physics Lab	VSSC
2	Dr. AchuthSankar S Nair	Head, Dept. of Bioinformatics	University of Kerala, Trivandrum
3	Dr. Sudha Raveendran	Scientist, Space Physics lab	VSSC
4	Dr. M T Sebastian	Deputy Director,	National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum
5	Dr. V R K Murthy	Department of Physics	IIT, Chennai
6	Dr. Manoj RaamaVarma	Senior Scientist	National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum
7	Dr. Prince P R	Assistant Professor	Government Arts College, Trivandrum
8	Dr. Gouri C	Scientist, Li-ion and Fuel Cell Division	VSSC, Trivandrum



9	Dr. Biju V	Assistant Professor	Department of Physics, University of Kerala, Trivandrum
10	Dr. Ananda Kumar	Associate Professor	MG College, Trivandrum
11	Dr. M. N. Sreedharan Nair	Professor (Retd)	MG College, Trivandrum
12	Dr. B R Sekhar	Scientist	Institute of Physics, Bhubaneswar
13	Dr. N V Nair	Professor (Retd.)	M G College, Trivandrum
14	Dr. Hemendra Arya	Professor, Dept. of Aerospace Engineering	IIT, Mumbai
15	Dr. K Sudhakar	Professor, Dept. of Aerospace Engineering	IIT, Mumbai
16	Mr. G Arul Jerald Prakash	Director	Kerala State Science and Technology Museum, Trivandrum
17	Dr. K. Surendran	Scientist	National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum

25. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International/ National	Date	Funding Agency
1	Emerging trends in Materials Science	National	20 th , 21 st July 2011	UGC
2	Recent Advances in Condensed Matter Physics	National	23 rd August 2013	Management

26. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled *F	Pass percentage
2010-2011	B.Sc Physics	1850	22	22	86.6
2011-2012	B.Sc Physics	1536	28	28	100
2012-2013	B.Sc Physics	1993	23	23	95
2013-2014	B.Sc Physics	2501	22	22	83.3
2014-2015	B.Sc Physics	2353	24	24	85.7

27. Diversity of Students

Year	Name of the Course	%of students from the same state	%of students from other states	%of students from abroad
2010-2011	BSc. Physics	100	-	-
2011-2012	BSc. Physics	100	-	-
2012-2013	BSc. Physics	100	-	-
2013-2014	BSc. Physics	100	-	-
2014-2015	BSc. Physics	100	-	-

28. How many students have cleared national and state competitive examinations such a NET, SLET, GATE, Civil services, Defense services, etc:
NIL



29. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	27	35.70	39.13	40.90	34.69
Employed					
- Campus selection	Nil	3.57	Nil	Nil	Nil
- Other than campus recruitment	36.36	26.09	21.74	31.82	24
Entrepreneurship/Self employment	5	2	4	1	3

30. Details of Infrastructural facilities

a)	Library General Department	2076 Books 130 Books
b)	Internet facilities for Staff & Students	1 computer with internet facility
c)	Class rooms with ICT facility	1
d)	Laboratories	UG Laboratory (both for core and complementary practicals), Computer lab with 3 computers and Materials Science Research Lab

31. Number of students receiving financial assistance from college, university, government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	2	2	3	1	
Central Sector Scholarship				2	2
Higher Education Council Scholarship	-	-	1	1	1
Suvarna Jayanthi Merit Scholarship	-	-	1	2	1

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010 -11	Dr. M T Sebastian Senior Scientist, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	Wireless Communication
2011 - 12	Dr. V R K Murthy Department of Physics, IIT, Chennai	Microwave Sintering on Dielectric Materials
	Dr. Manoj RaamaVarma Scientist , National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	Spin Glass Formation and Magnetic Frustration
	Dr. M T Sebastian Director, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	Polymer-Ceramic Composites for Electronic Packaging Applications



	Dr. Prince P R Assistant Professor Government Arts College, Trivandrum	Materials Used in Space Mission
	Dr. Gouri C Scientist, Li-ion and Fuel Cell Division, VSSC, Trivandrum	Electrochemical Energy Systems for Space Applications
	Dr. Biju V Department of Physics, University of Kerala, Trivandrum	Fascinating World of Nanomaterials
	Dr. Prince P R Assistant Professor Government Arts College, Trivandrum	Astronomy and Astrophysics
2012- 13	Dr. Ananda Kumar Associate Professor MG College, Trivandrum	Nanomaterials
	Dr. M. N. Sreedharan Nair Professor (Retd) MG College, Trivandrum	High Energy Physics
2013-14	Dr. B R Sekhar Institute of Physics, Bhubaneswar	Advances in Solid State Materials
	Dr. N V Nair Professor (Retd.) M G College, Trivandrum	Magnetic Materials
	Dr. HemendraArya Dept. of Aerospace Engineering IIT, Mumbai	Materials for Aerospace Applications
	Dr. K Sudhakar Dept. of Aerospace Engineering IIT, Mumbai	Introduction to Aerospace Engineering
	Mr. G Arul Jerald Prakash Director, Kerala State Science and Technology Museum, Trivandrum	Popular Science
2014-15	Dr. K. Surendran Scientist, National Institute for Interdisciplinary Science and Technology (CSIR), Trivandrum	Higg's Boson

33. Teaching methods adopted to improve student learning

- ICT enabled learning
- Seminars
- Assignments
- Peer teaching
- Bridge Courses
- Tutorial
- Remedial teaching etc.



34. Participation in Institutional Social Responsibility (ISR) and Extension Activities

- Final Year Degree students take classes on “Basics in Physics” at Government School, Karikkakom
- Final Year Degree students conducted a survey on Energy consumption in the adopted Karikkakom village and made them aware of the need for conservation of energy
- Participated in the college blood donation camps
- Active participation of NSS students in palliative care unit
- Participation in Jesus Youth, AICUF
- Attended seminars, workshop in other colleges & academies
- Dr. Anjana P S delivered a talk on ‘Women and Science’ in All India Radio, in connection with International Women’s day Celebrations.
- Dr. P S Anjana is the Visiting Faculty of Institute for Intensive Research in Basic Sciences (IIRBS), offering MS Programme and Integrated Ph. D. Programme, MG University, Kerala
- Dr. P. S. Anjana conducted a talk on ‘Materials for wireless communication’ at Prathibha Scholarship programme conducted by Kerala State Council for Science Technology and Education
- Dr. P. S. Anjana conducted a talk on Science Education in India as part of National Science Day Celebrations at Christ Nagar College of Teacher Education, Thiruvallom.
- Dr. P S Anjana delivered a talk on SCIENTIA – 2015 held at Sree Krishna College, Guruvayur on 5th and 6th of February 2015.

35. SWOC analysis of the department and Future plans

STRENGTHS

- Good support from the management in running the courses
- Hundred percent faculty with Ph. D. with two approved research guides and a large number of research publications both at international and national level
- Very good infrastructure in the laboratory for running the practical classes smoothly
- Good teaching and learning atmosphere without any political interferences
- A well equipped Materials Science Research lab in the department for doing projects
- A fully fledged library for the students and teachers
- Full time internet facility in the department and library
- Availability of ICT enabled class rooms

WEAKNESSES

- Eighty percent of the students are first generation learners from coastal and rural areas-cut
- Discontinuation due to personal problems mainly marriage of the students during the course.
- Most of the students opt professional courses and hence lack of students with genuine interest in the subject join the Physics course
- Our Department doesn’t have a M.Sc Course due to government policy and hence there is difficulty in upgrading the department as a research centre.



OPPORTUNITIES

- Ninety percent of the students graduate with good academic record and join for Post graduate courses like M. Sc, MCA, MBA etc and career related courses like B. Ed. and secure higher ranks in the University level
- Many of our students get campus placement in various companies like Wipro, Banks etc.
- The Department publishes its Annual Magazine “Ripples” which gives the students an opportunity to showcase their creativity
- The students are so trained that they become socially responsible individuals in the society

CHALLENGES

- Eighty percent of the students are first generation learners from coastal and rural areas and hence we consider it as a challenge to groom an educated future generation
- Most of the students opt for professional courses and hence a lack of students with genuine interest in the subject joining the Physics course. Our challenge is to motivate the students so as to inculcate interest in Physics and guide them properly for higher studies.
- As one of the reasons for the drop out rate is early marriage, the parents are to be made aware of the importance of education.
- During the transition period from school to college level, students are to be given a bridge course for brushing up the basics of the subject.

FUTURE PLANS

- Organizing International Seminars
- Apply for M. Sc. Course in Physics and upgrade the Department to an approved Research Centre
- Apply for Major and Minor Projects
- Establish linkages with university and institutions of higher learning

DEPARTMENT OF CHEMISTRY

1. Name of the department : **Department of Chemistry**
2. Year of Establishment : **1964**
3. Names of Programmes/ Courses offered: **UG - B.Sc Chemistry Major subject with Physics and Mathematics as complementary subject**
4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Complementary Course	Physics, Botany and Zoology
Open Course	Other Departments

5. Annual/ semester/ Choice Based Credit and Semester System
Annual Scheme till March 2010 and CBCSS from June 2010
6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complementary courses	Departments of Mathematics and Physics
Language courses	Departments of English, Hindi, Malayalam and French
Open courses	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
Professors	6	-
Associate Professors		-
Asst. Professors		4
Guest Lecturers		3

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. Students Guided for the last 4 years
Ms. Linda Johnson	M.Sc., B.Ed., M.Phil	Asso. Prof. (Rtd)	Physical Chemistry	26	-
Dr. Mariamma A T	M.Sc, B.Ed, Ph.D	Asso. Prof. (Rtd)	Coordination Chemistry	33	-
Dr. Saji John K	M. Sc, Ph.D	Asst.Prof. (2009-2014)	Coordination Chemistry	5	-
Dr. Sunita Kurur	M. Sc, M.Phil, Ph.D	Asst.Prof.	Biomolecular Chemistry	6	-
Dr. Sindhu Yesodharan	M.Sc, B. Ed, M.Phil, Ph.D	Asst.Prof.	Coordination Chemistry	3	-
Dr. Siji V L	M.Sc, B.Ed, M.Phil, Ph.D	Asst.Prof.	Coordination Chemistry and Computational chemistry	3	-
Dr. Beenakumari K S	M.Sc, B. Ed, Ph.D	Asst.Prof.	Electrochemistry	3	-

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
40	41.8	60	54	14.7	11.6	14.7	12.9	47	33.7

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	Core	19 : 1
	Complementary	31 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

	Sanctioned	Filled
Technical staff	3	2



15. Qualifications of teaching faculty.

Name of the Faculty	Qualification
Ms. Linda Johnson	M.Sc., B.Ed, M.Phil
Dr. Mariamma A. T.	M.Sc, B.Ed, Ph.D
Dr. Saji John K.	M.Sc, Ph.D
Dr. Sunita Kurur	M.Sc, M.Phil, Ph.D
Dr. Sindhu Yesodharan	M.Sc, B. Ed, M.Phil, Ph.D
Dr. Siji V.L.	M.Sc, B.Ed, M.Phil, Ph.D
Dr. Beenakumari K S	M.Sc, B.Ed, Ph.D

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant Sanctioned
Dr. Saji John K	Schiff Bases as promising agents for metal ion removal	UGC	2 years (2012-2014)	1,80,000
Dr. Siji V L	Crystal growth and characterization of NLO materials and its applications in various disciplines of biological Inorganic Chemistry	UGC	2 years 2013-2015	2,00,000 (Received 1,91,000)

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/ facility recognized by the University : NIL

19. Publications:

Faculty	Journal Publication	Books	Papers in Proceedings
Dr. Mariamma A T	1	1	
Dr. Sindhu Yesodharan	6	1	8
Dr. Siji V L	6	2	14
Dr. Beenakumari K S	12	1	8

Journal Publications						
Sl No	Title	Journal	Volume	Year	National/ International	Citation/ Impact/ h- Index
Dr. Mariamma A T						
1	Synthesis, spectral, cyclic voltammetric and biological studies of some oxomolybdenum (V) and dioxomolybdenum (VI) complexes of a Schiff base derived from 4-aminoantipyrine	Journal of Indian Chemical Society	Vol. 88, pp. 765-773	2011	National	CI:1 IF: 0.25 HI:22



Dr. Sindhu Yesodharan						
1	Synthesis, characterization, DNA cleavage and antimicrobial studies of some transition metal complexes with a novel Schiff base derived from 2-aminopyrimidine	Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry	Vol.43, pp. 226-236	2013	International	CI: 8 IF:0.52 HI 33
2	Synthesis, characterization, thermal decomposition studies and dyeing properties of some novel transition metal complexes of an azo derivative formed from 2-aminothiophene	Russian Journal of Inorganic Chemistry	Vol.56pp. 1276-1283	2011	International	CI:19 IF:0.54 HI 18
3	Synthesis and spectroscopic characterization of some lanthanide (III) nitrate complexes of 3-[3-carboxyethyl-4,5-dimethylthiophene-2-yl)azo]pent-2,4-dione	Journal of the Serbian Chemical Society	Vol. 76, pp. 249-261	2011	International	CI:18 IF:0.89 HI 27
4	Synthesis, characterization and antibacterial studies of oxovanadium(IV) complexes with thiazole derived Schiff bases	Phosphorus, Sulfur, and Silicon and the Related Elements	185, 1-9.	2010	International	CI:5 IF:0.83 HI 31
5	Synthesis, spectroscopic characterization, electrochemical behaviour and thermal decomposition studies of some transition metal complexes with an azo derivative	Spectrochimica Acta Part A	75, 106-112	2010	International	CI:14 IF:2.11 HI 64
6	Synthesis, spectroscopic characterization and thermal studies of some lanthanide (III) nitrate complexes with a hydrazo derivative of 4-aminoantipyrine. 2010.	Journal of Rare Earths	27, 705-710.	2010	International	IF: 1.45



Dr. Siji V L						
1	Crystal growth, characterization and dielectric studies of silica -gel grown poly distrontiumdimaletate pentahydrate: A 2D porous metal-organic framework	Main Group Metal Chemistry	38, 9-26	2015	International	IF:0.56 HI:22
2	(2E)-2-Benzylidene-N-phenylhydrazinecarboxamide	Acta Crystallographica-Section E	E70,591	2014	International	CI:1 IF:0.511 HI:21
3	Synthesis and spectral characterization of zinc(II) and cadmium(II) complexes of acetone-N(4)-phenylsemicarbazone: Crystal structures of acetone-N(4)-phenylsemicarbazone and a cadmium(II) complex	Polyhedron	29(9), 2035-2040	2010	International	CI:1 IF:0.35 HI:29
4	Synthesis, characterization and physiochemical information, along with antimicrobial studies of some metal complexes derived from an ON donor semicarbazone ligand	Spectrochim. Acta	76A(1), 22-28	2010	International	CI:14 IF:2.068 HI:69
5	Synthesis, spectroscopic characterization and antimicrobial activity of cobalt(II) complexes of acetone-N(4)-phenylsemicarbazone: Crystal structure of [Co(HL)2(MeOH)2](N O3)2	Trans. Met. Chem.	36(4), 417-424	2011	International	CI:18 IF:2.163 HI:64
6	FT-IR and FT-Raman spectral studies and DFT calculations of tautomeric forms of benzaldehyde-N(4)-phenylsemicarbazone	Indian J. Chem.	50A(06), 793-797	2011	National	CI:8 IF:1.40 HI:54
Dr. Beenakumari K S						
1	Photocatalytic activity of nanosized nickel tin oxide prepared by co-precipitation method"	The Journal of Indian Chemical Society.	91, 1937-1941	2014	National	CI: IF:0.22 HI:26



2	Corrosion Prevention of Aluminium in 1 N HCl by surface Deposition of Nickel Titanate	Portugaliae Electrochimica Acta	31(4), pp. 235-239	2013	International	CI: 19 IF: 1.11 HI: 13
3	<i>Saraca indica</i> (Asoka) Leaves Extract as Corrosion Inhibitor for Mild Steel in Potable Water – A bioremediation Method	Journal of Industrial Pollution Control	29(2), pp. 213-218	2013	International	CI: 9 IF: 0.1 HI: 9
4	Justicia Adhatoda (Vasaka) Leaf Extracts as Eco-friendly Corrosion Inhibitor for Mild Steel in Potable Water.	Oriental Journal Of Chemistry	29(1),pp. 369-373	2013	International	CI: 18 IF: 0.57 HI: 9
5	Development of environmental friendly inhibitor for corrosion prevention of mild steel in aerated drinking water system	Analytical and Bioanalytical Electrochemistry	2(1),pp.36-40	2010	International	CI: 10 IF: 0.68 HI: 7
6	Inhibitory Effects of <i>Murraya Koenigii</i> (Curry Leaf) Leaf Extract on the Corrosion of Mild Steel in 1M HCl.	Green Chemistry Letters and Reviews	4(2),pp.117-120	2011	International	CI: 10 IF: 1.33 HI: 12
7	Removal of Iron from Water Using Vanadium Oxide Modified Petroleum Coke as Adsorbent	International Journal of Chemtech Applications	2(2), pp. 16-22	2013	International	
8	Synthesis and characterisation of nano-sized nickel titanate photocatalyst	Journal of Experimental Nanoscience	8(2),pp.203-209	2013	International	CI: 16 IF: 0.875 HI: 14
9	Electroplating of Nickel on Nickel Titanate Modified Mild Steel	Journal of Electrochemical Science and Technology	4(2), pp. 57-60	2013	International	HI: 0.396
10	Electrochemical Deposited Zinc Titanate Film on Mild Steel Surface for Enhanced Corrosion Prevention	Indian Journal of Advances in Chemical	2(2), pp. 95-97	2014	National	IF: 2.63



	Characteristics	Science				
11	Studies on Iron Contamination of Well Water in Karikkakom Locality- Case studies	Journal of Applied Science And Research,	2 (2), pp.99-102	2014	National	CI: 24 IF: 0.26 HI: 12
12	Development of Suitable Corrosion Inhibitor for Pipeline Corrosion	International Journal of Advanced Research in Chemical Sciences (IJARCS)	1(2), pp.1-3	2014	International	IF: 2.068
Books authored						
Sl No	Name	Title	Co-authors	Chapters	Publishers	ISBN/ISSN
1	Dr. Beenakumari K S (Author)	Nickel Titanate: Synthesis, Characterization, Properties and Applications		3	Research India Publications	ISBN: 978-93-84144-52-4
2	Dr. Siji V L (Editor)	Proceedings of National Seminar on "Recent and Emerging Advances in Chemical Science" (RAECS-2015)				ISBN: 978-81-930193-0-6
3	Dr. Siji V L (Editor)	Proceedings of International Conference on Emerging Frontiers and Challenges in Chemistry (ICEFCC-2014)				ISBN: 978-81-920782-1-2



4	Dr. Sindhu Yesodharan (Editor)	Proceedings of National Seminar on “Advances in Chemistry Research and Opportunities ”				
5	Dr. Mariamma A T (Editor)	Proceedings of National Seminar on “Emerging Trends in Material Science				
Conference papers						
SI No	Title of the paper				National/ International /Regional	Year
Dr. Sindhu Yesodharan						
1	Microwave assisted synthesis, spectroscopic characterization and fluorescent properties of some pyrimidine Schiff bases and their zinc(II) complexes, Y. Sindhu, C.J. Athira, M.S. Sujamol and K. Mohanan, Abstracts of the National Seminar on Recent Advances in Inorganic and Nano, Chemistry, Madurai Kamaraj University, Madurai, 2010.				National	2010
2	Synthesis and spectroscopic characterization and thermal stability of some novel lanthanide(III) chloride complexes of 3-[3-carboxyethyl-4,5-dimethyl thiophene-2-yl)azo]-pent-2,4-dione, C.J. Athira, M.S. Sujamol, Y. Sindhu and K. Mohanan, Abstracts of the National Seminar on Recent Advances in Inorganic and Nano Chemistry, Madurai Kamaraj University, Madurai, 2010.				National	2010
3	Synthesis, characterization and dyeing properties of an azo derivative and its transition metal complexes M. S. Sujamol, Y. Sindhu, C. J. Athira and K. Mohanan. Abstracts of the National Seminar on Recent Advances in Inorganic and Nano Chemistry, Madurai Kamaraj University, Madurai, 2010.				National	2010
4	Synthesis, characterization and antimicrobial activity of some trivalent metal complexes with a thiazole derived schiff base, Dr. Sindhu Yesodharan, National Seminar on Contemporary Techniques in Environmental Research and Conservation, PG Department of Environmental Sciences, All Saints’ Colleges, Thiruvananthapuram, 13- 14 March 2014				National	2014
5	Larvicidal activity of some biologically important compounds, Dr. Sindhu Yesodharan, National Seminar on Prevention on Life Style Diseases through participation in Physical activities, Department of Physical education, All Saints College, Thiruvananthapuram, 10 th and 11 th February-2014				National	2014
6	Microwave assisted synthesis and characterization of trivalent complexes with a pirimidine schiff base, Dr. Sindhu Yesodharan, International Seminar by Swami Vivekananda Association of Science and Humanities (SVASH), Vivekananda Cultural Institute, Thiruvananthapuram, 26 April 2014.				International	2014



7	Fluorescent properties of some Schiff base metal complexes, Dr. Sindhu Yesodharan, National Seminar on Green Practices in Chemistry, Mar Ivanios College, Thiruvananthapuram, 9, October, 2014.	National	2014
8	Studies on Mixed Ligand Cobalt (III) Complexes, Dr. Sindhu Yesodharan, National Seminar on Recent Trends in Chemical Sciences (NSRTCS-2014), Department of Chemistry, St. John's College, Anchal, 23 & 24 October 2014.	National	2014
Siji V L			
1	Siji V L; Sudarsanakumar M. R.; Suma S.; "Synthesis and spectral investigations of oxovanadium (IV) complexes of ON donor semicarbazone ligands", National Seminar on Emerging Trends in Phytochemistry, Mahatma Gandhi College, Thiruvananthapuram, July 2010.	National	2010
2	Siji V L; Sudarsanakumar M R; "Synthesis, growth, spectral, magnetic and antimicrobial studies of a novel cobalt(II) complex of acetone-N(4)-phenylsemicarbazone, 23rd Kerala Science Congress, Centre For Earth Science Studies, Thiruvananthapuram, January 2011. (Best Poster Presentation Awarded in the Chemical Sciences and Technology Section)	Regional	2011
3	Siji V L; Sudarsanakumar M R; "Oxovanadium(IV) complexes of N(4)- phenylsemicarbazones with bidentate NO donor sites: Synthesis, spectroscopic characterization and anticancer activity", National Seminar on Theory and Application of Fourier Transform Spectroscopy in Chemistry, Sree Narayana College, Kollam, March 2011	National	2011
4	Siji V L; Sudarsanakumar M R; "Synthesis, characterization, EPR spectral studies and anticancer activity of Mn(II) complexes derived from ON donor semicarbazone ligands", National Seminar on New Frontiers in Chemical Sciences and Technology, N.S.S. Hindu College, Changanacherry, March 2011.	National	2011
5	Siji V L; Sudarsanakumar M R; "Synthesis, spectral characterization and cytotoxicity of nickel(II) complexes of N(4)-phenylsemicarbazones: Crystal structure of [Ni(HL ₂) ₂ (MeOH) ₂](NO ₃) ₂ ", National Seminar on Recent Trends in Chemical Sciences:Frontiers and Challenges, University of Kerala, Kariavattom, Thiruvananthapuram, August 2011.	National	2011
6	Synthesis, growth, spectral, magnetic and cytotoxic studies of nickel(II) complexes of benzaldehyde-N(4)-phenylsemicarbazone and acetone-N(4)-phenylsemicarbazone, Dr. Siji V L, National Seminar on Tomorrow's Material Science, Department of Chemistry, Government College for women, Thiruvananthapuram, 11 October- 2013.	National	2013
7	Vibrational spectroscopic studies and computational study of cobalt(II) complex of acetone-N(4)-phenylsemicarbazone: Crystal structure and cytotoxicity of [Co(HL) ₂ (CH ₃ OH) ₂](NO ₃) ₂ , Dr. Siji V L, National Seminar on Materials; Process and Applications of Novel Technologies (NMAT-2013), Department Of Physics, H.H.M.S.P.B. N.S.S. College for Women, Thiruvananthapuram, 7-8 November-2013	National	2013



8	Synthesis, characterization and EPR spectral studies of Mn(II) complexes with N ⁴ -phenylsemicarbazone, Dr. Siji V L, International Conference on Emerging Frontiers and Challenges in Chemistry (ICEFCC-2014, Department of Chemistry, All Saints' College, Thiruvananthapuram, 17-18 February-2014	International	2014
9	Crystal structure and cytotoxicity of nickel(II) complex of semicarbazone, Dr. Siji V L, National Seminar on Contemporary Techniques in Environmental Research and Conservation (CTERC-2014), PG Department of Environmental Sciences, All Saints' College, Thiruvananthapuram, 13- 14 March- 2014	National	2014
10	Density functional theory calculations of Cd (II) acetone-N(4)-phenylsemicarbazone complex, Dr. Siji V L, National Seminar on Green Chemistry- Environmental and Economic Benefits, Department of Chemistry, Fatima Mata National College, Kollam, 24 June-2014	National	2014
11	Computational study of cobalt(II) complex of semicarbazone, Dr. Siji V. L., National Seminar on Green Approach to Meet Challenges in Chemical Industry, Dept. of Chemistry and Industrial Chemistry, S.N.College, Chathannoor, 5-6 November 2014.	National	2014
12	Crystals of Semicarbazones, Dr. Siji V L, International Year of Crystallography 2014 celebration, Department of Chemistry, Mahatma Gandhi College, Thiruvananthapuram, 30 th December 2014.	National	2014
13	Density Functional Theory calculations of acetone-N(4)-phenylsemicarbazone, Dr. Siji V. L., National Seminar on New Materials and Nanotechnology, NSNMN-2015, Heera College of Engineering & Technology, Thiruvananthapuram, 16 and 17 January 2015.	National	2015
14	Spectroscopic characterization of oxovanadium(IV) complexes of N(4)-phenylsemicarbazone, Dr. Siji V L, National Seminar on Recent and Emerging Advances in Chemical Science, Department of Chemistry, All Saints' College, Thiruvananthapuram, 8 th and 9 th January 2015.	National	2015
Dr. Beena Kumari K.S			
1	National Conference of corrosion assessment and its control conducted by NCCI, 16-18 September 2010	National	2010
2	Chemical contaminants in well water- Case studies, Dr. Beenakumari K S, National Seminar on Contemporary Techniques in Environmental Research and Conservation, PG Department of Environmental Sciences, All Saints' Colleges, Thiruvananthapuram, 13- 14 March 2014	National	2014
3	Development of Suitable Corrosion inhibitor for Pipeline corrosion (Got Best Paper Award), Dr. Beenakumari K S, National Seminar on Contemporary Techniques in Environmental Research and Conservation, PG Department of Environmental Sciences, All Saints' Colleges, Thiruvananthapuram, 13- 14 March 2014	National	2014
4	Studies on Iron Contamination of well water in Karikkakom Locality-Case Studies, Dr. Beenakumari K S, International Seminar by Swami Vivekananda Association of Science and Humanities (SVASH), Vivekananda Cultural Institute, Thiruvananthapuram, 26 April 2014.	International	2014



5	Electrochemical synthesis of Zinc Titanate Nanoparticles, Dr. Beenakumari K S, National Conference on Material Science and Technology, Department of Chemistry, Indian Institute of Space Technology, Valiamala, Thiruvananthapuram, 28-30 July 2014.	National	2014
6	Enhancement of Water Quality – A Challenging Criteria, Dr. Beenakumari K S, National Seminar on Material Science, Department of Chemistry, S N College for Women, Kollam, 29-30 September 2014.	National	2014
7	Synthesis and characterization of nickel titanate nanopowder, National Seminar on Nanoscience and Nanotechnology, Centre for Nanoscience and nanotechnology and Department of Biotechnology, University of Kerala, Kariavattom, March 19-20, 2015.	National	2015
8	Synthesis and characterization of barium titanate nanopowder, National Seminar on Nanoscience and Nanotechnology, Centre for Nanoscience and nanotechnology and Department of Biotechnology, University of Kerala, Kariavattom, March 19-20, 2015.	National	2015

20. Areas of consultancy and income generated : NIL

21. Faculty as members in

a) National committees - NIL

b) International Committees - NIL

c) Editorial Boards – Dr. Siji V L is in the editorial board of the Journal of Academy of Chemistry Teachers.

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/ programme : **100%**
- Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: NIL

23. Awards/Recognitions received by faculty and students

Awards received by the faculty

- Dr. Beenakumari K S got best paper award for presenting a paper on “Development of Suitable Corrosion inhibitor for Pipeline corrosion” at National Seminar on Contemporary Techniques in Environmental Research and Conservation, held at PG Department of Environmental Sciences, All Saints’ Colleges, Thiruvananthapuram, on 13-14 March 2014
- Dr. Siji V L got Best Poster Presentation Award in the Chemical Sciences and Technology Section for “Synthesis, growth, spectral, magnetic and antimicrobial studies of a novel cobalt(II) complex of acetone-N(4)-phenylsemicarbazone”, in 23rd Kerala Science Congress, Centre For Earth Science Studies, Thiruvananthapuram, January 2011

Awards received by the students

- Gopika S and Nayana J got third place in intercollegiate quiz competition held at the Department of Chemistry, University of Kerala, Kariavattom held on 20/10/2012.
- Gopika S and Nayana J got third place in intercollegiate quiz competition held on 15/12/2010 at University College, Thiruvananthapuram.



- Sruthi Sudhakar and Athira R L participated and won third prize in Dr. N S Warriar Intercollegiate quiz competition held on 18 December 2013 at University College, Thiruvananthapuram.
- Belsy R was a member of Kerala University Hand ball team. She participated in Intercollegiate Hand Ball and football competition held at St. Xavier's college, Thumba at University stadium and secured second prize. (2012)
- Saranya S S won Silver Medal for Poll-Volt in Intercollegiate Athletic meet held in 2012.
- Saranya S S is a member of the Foot ball and Hand ball team which won first prize in intercollegiate sports and Games competition. (2012)
- Saranya S S won III prize in intercollegiate base ball competition. (2013)
- Anjana O S and Malini S are recipients of Prathibha Scholarship instituted by Women's Cell of KSCSTE, Sasthrabhavan, Pattom
- Department of Chemistry had a notable contribution in the exhibition held at Kanakakunnu in connection with Kerala science congress held from 29th January to 1st February 2013 and the college won the first prize
- Deepthi Kuriakose was recruited for job as practitioner in IBM software on 20/01/201.
- Athira B R of DC I Chemistry got first prize in Painting competition in the 4th Eco-Youth Festival held from 13th to 22nd July 2014 at the University Students Centre, Thiruvananthapuram jointly conducted by the Centre of Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala.
- Keerthana J J of DC I Chemistry got first prize in Recitation competition in the 4th Eco-Youth Festival held from 13th to 22nd July 2014 at the University Students Centre, Thiruvananthapuram jointly conducted by the Centre of Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala.
- Athira B R and Jency Lawrence of DC I Chemistry got first prize in Painting competition in the 4th Eco-Youth Festival held from 13th to 22nd July 2014 at the University Students Centre, Thiruvananthapuram jointly conducted by the Centre of Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala.
- DC III chemistry students Sukanya Sundar S., Revathy B., Meenu G. Nayar and Sredha mohan along with their guide Dr. Beenakumari K. S. presented two papers in the National Seminar on Nanoscience and Nanotechnology on March 19-20, 2015. i) Synthesis and characterization of barium titanate nanopowder ii) Synthesis and characterization of nickel titanate nanopowder
- Jesty Paulson of DC III Chemistry got placement in WIPRO course 4 years WISTA (M. Tech IT + Job) at Drive conducted at Christ Nagar college on 11 Dec 2014.
- Meenu G Nayar got placement in IBM at a Drive conducted in All Saints' College, Thiruvananthapuram.
- Keerthana J J S3 chemistry received I prize in Inter-University competition on Water Resources Management at regional level conducted by Teri university, Delhi and got selected for national level competition



24. List of eminent academicians and scientists/ visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Dr. K. M. Usha,	Scientist	Composites Characterization and Testing Division VSSC, Thiruvananthapuram
2	Dr. Abraham George	Rtd. Professor	Mar Ivanios College, Thiruvananthapuram
3	Dr. A Simi	Assistant Professor	Noorul Islam University, Nagercoil
4	Dr. R. Selwin Joseyphus	Assistant Professor	St. John's College, Anchal
5	Prof.C. S. Padmanabha Iyer	Rtd. Scientist	NIIST, Thiruvananthapuram
6	Dr. M. R. Sudarsanakumar	Associate Professor	Mahatma Gandhi College, Thiruvananthapuram
7	Dr. Simi A	Assistant professor	Dept. of Chemistry, St. Joseph's College Trichy, Tamil Nadu
8	Dr. I G Shibi	Associate Professor	Sree Narayana College, Chempazhanthi, Thiruvananthapuram

25. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International/ National	Date	Funding Agency
1	National Seminar on "Emerging Trends in Material Science	National	21 st and 22 nd July 2011	UGC
2	One day work shop on 'Microscale Experiments in Chemistry'	National	09 October 2012	Internal
3	A one day National seminar on "Advances in Chemistry Research and Opportunities"	National	5 th August 2013	KSCTE, Govt. of Kerala, Tvm
4	Two day International Conference on "Emerging Frontiers and Challenges in Chemistry" ICEFCC-2014	International	17 th and 18 th February 2014	DST(SER B Division), Technology Bhavan, New Delhi 5 and KSCSTE, Govt. of Kerala, Tvm
5	Two day National Seminar on "Recent and Emerging Advances in Chemical Sciences" (REACS - 2015)	National	8 th and 9 th January 2015	UGC

26. Student profile programme/ course wise:

Year	Name of the Course/ programme	Applications received	Selected	Enrolled	Pass percentage
				*F	
2010-2011	B.Sc Chemistry	2010	49	49	70
2011-2012	B.Sc Chemistry	2095	53	53	76



2012-2013	B.Sc Chemistry	2362	50	50	81
2013-2014	B.Sc Chemistry	2847	49	49	84.3
2014-2015	B.Sc Chemistry	2840	49	49	92

27. Diversity of students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	B.Sc Chemistry	100	-	-
2011-2012	B.Sc Chemistry	100	-	-
2012-2013	B.Sc Chemistry	100	-	-
2013-2014	B.Sc Chemistry	98	2	-
2014-2015	B.Sc Chemistry	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. NIL

29. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	18	24	25	26.53	27.7
Employed					
• Campus selection	-	-	-	-	-
• Other than campus recruitment	51.02	39.62	54	51.02	37.03
Entrepreneurship/Self-employment	2	1	0	2	

30. Details of Infrastructural facilities

a)	Library	100 books are available in different areas of Chemistry
b)	Internet facilities for staff & students	PC with internet facility
c)	Class rooms with ICT facility	One class room has a PC and overhead projector
d)	Laboratories	Three Laboratories which can accommodate 150 students at a time

31. Number of students receiving financial assistance from College, University, Government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	1	-	1	2	-
Central Sector Scholarship	1	1	-	5	-
Fisheries Scholarship	35	24	34	18	20
E-Grant	52	39	65	59	24

32. Details on student enrichment programmes (special lectures/ workshops /seminar) with external experts

Year	Resource Person	Programme
2010 -11	Prof. O Thomas, retired professor of Government College for Women	Invited Talk, 14 October 2010



2011 - 12	Dr. A Jayakrishnan, Vice Chancellor, University of Kerala	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Prof. Dr. V R K Murthy, Department of Physics, IIT Madras, Chennai	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Dr. Sebastian M T, Scientist, Materials and Minerals Division, NIIST, Trivandrum	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Dr. Manoj Rama Varma, Scientist, Materials and Minerals Division, NIIST, Trivandrum	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Dr. C Gouri, Scientist, Lithium ion-electrode and fuel cell division, VSSC, Trivandrum	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Dr. Biju, Assistant Professor, Department of Physics, University of Kerala	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Dr. Prince P R, Assistant Professor, Department of Physics, University College, Trivandrum	National Seminar on “Emerging Trends in Material Science” 21 st and 22 nd July 2011
	Dr. S Murugan, Retd. HOD, Department of Chemistry, Hindu College, Nagercoil	Work shop on ‘Microscale Experiments in Chemistry’, 9 October 2012
	Dr. S. Sudhakumari, Assistant Professor of Chemistry, Hindu College, Nagercoil	Work shop on ‘Microscale Experiments in Chemistry’, 9 October 2012
2013- 14	Prof. Dr. K Mohanan, Dept. of Chemistry, University of Kerala	National seminar on “Advances in Chemistry Research and Opportunities” 5 th August 2013
	Dr. C Justin Dhanaraj, Dept. of Chemistry, Anna University, College of Engineering, TN	National seminar on “Advances in Chemistry Research and Opportunities” 5 th August 2013
	Dr. Sam Solomon, Dept. of Physics, St. Johns College Anchal, Kerala	National seminar on “Advances in Chemistry Research and Opportunities” 5 th August 2013
	Dr. A Simi, Dept. of Chemistry, St. Joseph College Trichy, Tamil Nadu	National seminar on “Advances in Chemistry Research and Opportunities” 5 th August 2013
	Dr. V. N. Rajashekar Pillai, Executive Vice President and Ex Officio Principal Secretary, Kerala State Council for Science, Technology and Environment, Govt. of Kerala, Sasthra Bhavan	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
	Dr. G J Sanjayan, Scientist, Division of Organic Chemistry, National Chemical Laboratory, Pune	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th 2014



Dr. M R Prathapachandra Kurup, Professor of Inorganic Chemistry, CUSAT, Kochi	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014 17 th and 18 th February 2014 International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Prof. Dr. Jose Rajan, Faculty of Industrial Sciences & Technology (FIST), University of Malaysia, Kuantan, Malaysia	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Dr. M Sithambaresan, Senior Lecturer in Chemistry, Eastern University, Sri Lanka	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Dr. M R Sudarsanakumar, Associate Professor, Mahatma Gandhi College, Thiruvananthapuram	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Prof. Dr. C Karunakaran, CSIR Emeritus Scientist, Annamalai University, Annamalaiagar, Tamil Nadu	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Dr. G M Anil Kumar, Scientist, R & D Centre, Noritake, Japan	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Dr. J Mary Gladis, Assistant Professor, Indian Institute Space Science and Technology, Thiruvananthapuram	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Dr. Jeya Ephraim Grand, Project Scientist, Engineering and Informatics, University of Bradford, UK	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
Dr. K Anoop Krishnan, Scientist, Centre for Earth Science Studies, Akkulam, Kerala	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014



	Dr. T S Anirudhan, Dean, Faculty of Science, University of Kerala	International Conference on “Emerging Frontiers and Challenges in Chemistry” ICEFCC-2014, 17 th and 18 th February 2014
2014-15	Dr. T P D Rajan, Senior Scientist, Materials Science and Technology Division, CSIR - National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. S Balachandran, Associate Professor, Mahatma Gandhi College, Thiruvananthapuram	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. K B Ramesh Kumar, Scientist Phytochemistry and Phytopharmacology Division Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. M R Sudarsanakumar, Assoc Prof, Department of Chemistry, Mahatma Gandhi College, Thiruvananthapuram	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. Sreeja Kumari S S, Scientist CECRI, Karaikudi, Sivaganga	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. Subhadeep Banerjee, Assistant Professor, Department of Chemistry, Birla Institute of Technology and Science-Pilani K. K. Birla Goa Campus, Goa, India	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. Sreejalekshmi K G, Assistant Professor, Department of Chemistry, Indian Institute of Space Science and Technology, Thiruvananthapuram	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015
	Dr. V Sadasivan, Associate Professor, University College, Thiruvananthapuram	Recent and Emerging Advances in Chemical Sciences (REACS-2015) 8 th and 9 th January 2015

33. Teaching methods adopted to improve student learning
 - Lecture Method
 - Powerpoint Presentations
 - Assignments
 - Student Seminars
 - Visit to National Institutes
34. Participation in Institutional Social Responsibility (ISR) and Extension Activities
 - The Science Club is the extension activity of the department. Its primary objective is to spread awareness among students and the society regarding



the various developments in science and thereby create innovative ideas related to the various applications in Science. The motto of Science Club is “Science for Society”. To achieve the aims and objectives of the club, the following activities are organized

- Various science exhibits are displayed daily to create general awareness
- Visits are arranged to National Institutes like VSSC and NIIST, Thiruvananthapuram
- Students provide lectures on recent developments in Science
- Paper presentations in Seminars and Symposia
- Organize Interdepartmental Quiz competitions
- Participate in Intercollegiate Quiz competitions
- Training for soap making
- Organize Science exhibitions

35. SWOC analysis of the department and Future plans

STRENGTHS

- Highly qualified faculty – all are Ph. D holders
- Two faculty members are recognized research guides
- Several Peer reviewed National/ International journal publications
- One of the faculty members has several years of experience as Sanitary Chemist at Kerala Water Authority
- National Institutes (NIIST, VSSC, ISCER) and factories (TTL) are in close proximity for field trips and specific instrumental analyses
- Spacious Laboratory which can accommodate 150 students at a time
- Own departmental magazine – *Chemi Outlook*

WEAKNESSES

- No post graduate course
- No industrial collaboration
- Lack of students who are interested in pure sciences as most are drawn towards professional courses
- Insufficient fund allocation for consumable

OPPORTUNITIES

- Skilled faculty for various analytical chemistry methods
- Enough staff strength to cater to post graduate students and researchers
- Potential to undertake chemical analyses and awareness programmes for the society
- Career awareness in the field of Chemistry
- Continuing support to the students during graduation and beyond

CHALLENGES

- Attracting motivated and bright students interested in the field of Chemistry
- Uplifting and motivating students of weaker social and economic standards
- Drop out of girl students due to early marriage and parenthood
- Getting government aided post-graduate programme

FUTURE PLANS

- Government aided Post-graduate programme with diversified areas of specializations



- Introduce add-on courses
- University Research guideship for faculties
- Establishment of a Research Centre of Excellence

DEPARTMENT OF MATHEMATICS & STATISTICS

1. Name of the department : **Mathematics & Statistics**
2. Year of Establishment : **1964**
3. Names of Programmes/ Courses offered: **UG**
4. Names of Inter disciplinary courses and the departments/units involved

Name of the course	Departments involved
Complementary Course in Mathematics	Physics
Complementary Course in Mathematics	Chemistry
Operations Research	Open Course for all Departments

5. Annual/semester/choice based credit system (programme wise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complementary Course	Physics, Statistics
Language course	English, Malayalam, Hindi & French
Open Course	All 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
Professors	4	
Associate Professors		1
Asst. Professors		3
Guest Lecturers		

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. students guided for the last 4 years
Dr Mary Mettilda Rose V	M.Sc.,M.Phil, Ph.D	Asso.Prof. (Rtd)	Mathematics	32	-
Ms.Shirly Joseph	M.Sc,M.Phil, B.Ed Doing Ph.D	Asso.Prof.	Mathematics	19	-
Ms. Veena T G	M.Sc	Asst.Prof. (Left)	Statistics	2	-
Dr. Indu R S	M.Sc,M.Phil,B.Ed, Ph.D	Asst.Prof. (Left)	Mathematics	4	-
Ms.Vidya T R	M.Sc, Doing Ph.D	Asst. Prof.	Statistics	3	-
Ms.Seбина Mathew C	M.Sc,B. Ed	Asst. Prof.	Mathematics	2	-

11. List of senior visiting faculty : **NIL**



12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
-	-	15	-	-	-	-	-	-	-

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	Core	43:1
	Complementary	54:1

14. Qualifications of teaching faculty

Name	Qualification
Ms.Shirly Joseph	M.Sc.,M.Phil, B.Ed
Ms.Vidya T R	M. Sc
Ms.Seбина Mathew C	M.Sc, B.Ed
Ms.Renjini Raveendran P	M.Sc, M. Phil

15. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Dr.Mary Mettilda Rose V	A Study on Applications of Category Theory	UGC	2010-12	1,00,000/-

16. Research Centre/facility recognized by the University: NA

17. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Ms.Dr Indu R S	3	-	1
Dr.Mary Mettilda Rose V	-	3	-
Ms.Shirly Joseph	-	2	-
Ms.Vidya TR	-	1	-
Ms.Renjini Raveendran P	-	1	-

Journal Publications						
Sl No	Title	Journal	Volume	Year	National/ International	Citation/ Impact/ h- Index
Dr. Indu R S						
1	Principal Ideal Graphs of Inverse Semigroups	Universal Journal of Mathematics	2(2012)	2012	International	-
2	Principal Ideal Graphs of Rectangular Bands	Mathematical Theory and Modelling	2,No 9 (2012)	2012	International	-
3	Principal Ideal Graphs of Rees Matrix Semigroups	International Mathematics Forum	7,No.60 (2012)	2012	International	-



Books authored						
Sl No	Name	Title	Co-authors	Chapters	Publishers	ISBN/ ISSN
1	Dr. Mary Mettilda Rose V	Category Theory and Their applications	Mr. S Bala Subramaniam	-	-	-
2	Dr. Mary Mettilda Rose V	Maple-A Mathematical Tool	Dr. Madhukar Mallayya	-	-	-
3	Dr. Mary Mettilda Rose V	Latex Programming	Mr Sumesh S	-	-	-
4	Ms. Shirly Joseph	Essentials of Latex Programming	Ms. Vidya T R	-	-	-
5	Ms. Shirly Joseph	Fibonacci Sequence Probability and Gambling	Ms. Renjini Raveendran P	-	-	-
Conference papers						
No	Title of the paper			National/ International/ Regional		Year
Dr. Mary Mettilda Rose V						
1	Mathematics and Material Science			National		2011
2	Applications of Category Theory			National		2010
3	On Reflective Sub Category Theory			National		2010
No	Title of the paper			National/ International/ Regional		Year
Dr. Indu R S						
1	Principal Ideal graphs of Inverse Semi Groups			National		2010
Ms. Vidya T R						
1	A Note on Fisher Information contained in Order Statistics from Logistic Distribution			National		2011
2	Entropy properties of generalized k records			International		2011

18. Faculty as members in:
- National committees
 - International Committees
 - Editorial Boards
- Ms. Shirley Joseph Member of Kerala Mathematical Association
 - Ms. Vidya T R Member of Kerala Statistical Association
19. Student projects
- Percentage of students who have done one in-house project including inter departmental/ programme: **100%**
 - Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies: **NIL**
20. Awards/ Recognitions received by faculty and students

Awards received by the faculty

- Dr. Mary Mettilda Rose V awarded Best N S S Programme Officer for the year 2011-2012



- Dr. Mary Mettilda Rose V awarded the Rajiv Gandhi Smridhi Puraskar for the Best Principal, instituted by Rahul Gandhi Darsan Sangh for the year 2012-2013

Awards received by the students

- Neethu William & Jeena Franklin secured 2nd Prize in All Kerala Inter collegiate Statistics Quiz competition conducted by CUSAT in 2011.
- Neethu William & Jeena Franklin secured 3rd prize in Dr.U S Nair memorial All Kerala Inter Collegiate Statistics Quiz competition conducted - Kerala Statistics Association at Govt.Women's college in 2011.
- Uma H & Athira V S secured 2nd prize in All Kerala Intercollegiate Statistics Quiz competition conducted by CUSAT in 2012
- Uma H secured first rank for BSc Mathematics in Kerala University, 2013.
- Namitha Narayanan got admission for M. Sc Mathematics in NIIT through all India Entrance Examination in 2013.
- Uma H & Athira V S secured 1st prize in the University level Mathematics Quiz competition conducted by the Dept. of Mathematics, Kerala University in 2013.
- Uma H & Athira V S secured 3rd Prize in the All Kerala Inter collegiate Statistics Quiz competition conducted at University College in 2013
- Namitha Narayan won 1st prize for Inter collegiate CHESS competition in 2013
- Aswathy A J & Serin S R won 2nd Prize in the Inter-collegiate Mathematics quiz competition conducted at University college, Trivandrum in 2014
- Asha Sharaf & Rajalekshmy R secured 1st prize in regional level Statistics quiz competition conducted by the Kerala Statistical Association in 2015
- Asha Sharaf & Rajalekshmy R secured 1st prize in regional level Statistics quiz competition conducted by the Old students' forum of CUSAT in 2015
- Renjini Sreekumar & Renji A S secured 3rd prize in the Golden Jubilee Memorial Intercollegiate Mathematics quiz competition conducted by the Department of Mathematics, St.Johns College Anchal in 2015
- Renjini Sreekumar & Renji A S secured 3rd prize in the intercollegiate Mathematics quiz competition conducted by Govt Women's College Trivandrum in 2015

21. List of eminent academicians and scientists / visitors to the department

No.	Name	Designation	Affiliation
1	Dr. Andrea Philippou	Professor of Emeritus in Statistics	Former Education Minister of Cyprus
2	Dr. Satheesh Kumar C	Associate Professor, Department of Statistics	Kerala University
3	Dr. E Krishnan	Professor and Head (Rtd), Department of Mathematics, University College, Trivandrum	Kerala University
4	Dr. Sindhu Unnithan	Associate Professor, Xavier University, USA	Xavier University, USA
5	Dr. Arun Surendran	Director Trinity College of Engineering, Pravachambalam, Trivandrum	Kerala University



6	Dr. Suresh Singh	Head of Department, Department of Mathematics, University of Kerala	Kerala University
7	Dr. A R Rajan	Department of Mathematics, University of Kerala	Kerala University
8	Prof. Sumesh S S	Assistant Professor St Johns College Anchal	Kerala University
9	Dr. Babu	Department of Mathematics, University College, Trivandrum	Kerala University
10	Dr. Savitry Sivakumar	Scientist, NIIST, Trivandrum	NIIST
11	Dr. T R Sivakumar	Associate Professor Mar Ivanios College, Trivandrum	Kerala University
12	Dr. Varghese Abraham	Associate Professor Mar Ivanios College, Trivandrum	Kerala University
13	Dr. Beena V T	Associate Professor, Govt. College for Women, Trivandrum	Kerala University
14	Dr. Mary George	Associate Professor Mar Ivanios College, Trivandrum	Kerala University
15	Dr. James Alexander	Associate Professor Mar Ivanios College, Trivandrum	Kerala University
16	Dr. Madhukar Mallaya	Associate Professor Mar Ivanios College, Trivandrum	Kerala University
17	Dr. Baiju	Assistant Professor, Department of Computer Science, Karyavattom	Kerala University

22. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International /National	Date	Funding Agency
1	Maple -A Mathematical Tool	National	January 5-7, 2011	KSCSTE
2	Latex Programming	National	January 11-13, 2012	KSCSTE
3	Essentials of latex programming	National	November 21-23, 2012	CSIR
4	Fibonacci numbers, probability and gambling	International	December 16-17, 2013	Management
5	Numerical Methods in computer programming and their applications	National	June 8-10, 2015	UGC

23. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2010-2011	Mathematics	2210	41		41	100
2011-2012	Mathematics	1169	48		48	98
2012-2013	Mathematics	1295	47		47	95
2013-2014	Mathematics	1974	44		44	98
2014-2015	Mathematics	1655	47		47	86.95



24. Diversity of Students

Year	Name of the Course	%of students from the same state	%of students from other states	%of students from abroad
2010-2011	B.Sc Mathematics	100	Nil	Nil
2011-2012	B.Sc Mathematics	100	Nil	Nil
2012-2013	B.Sc Mathematics	100	Nil	Nil
2013-2014	B.Sc Mathematics	100	Nil	Nil
2014-2015	B.Sc Mathematics	100	Nil	Nil

25. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services - NA

26. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	22	25	27.65	34.09	34.69
Employed					
Campus selection	12.19	14.58	19.14	18.18	18.36
Other than campus recruitment	29.27	29.16	27.65	27.27	30.61

27. Details of Infrastructural facilities

a)	Library	140 Books
b)	Internet facilities for staff & students	Yes
c)	Class rooms with ICT facility	Yes
d)	Laboratories	Yes

28. Number of students receiving financial assistance from College, University, Government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	2	-	1	2	-
Suvarna Jayanthi Merit Scholarship	-	-	1	2	-
Fisheries Scholarship	31	31	31	31	31
E-Grant	45	49	57	57	
Mohammed Koya Scholarship	-	-	-	5	-
Hindi Scholarship	-	-	-	1	-
Muslim Nadar Girls Scholarship	-	1	2	-	-

29. Details on student enrichment programmes (special lectures/ workshops/ Seminar) with external experts

Year	Resource Person	Programme
2010 -11	Dr.Sunithakumari	Importance and application of mathematics in our daily life



	Dr.Madhukar Mallayya Dr.T R Sivakumar Mr.Indulal Sreedharan M Mr.S Baiju	Workshop on Maple-A Mathematical tool
2011 - 12	Dr E Krishnan	Inter Collegiate Mathematics and Statistics Quiz Competition
	Dr. E Krishnan Dr.Sunny Lukose Mr.Sumesh S S Mr.Preenu C S Mr.Felix Anderson Mr.Y Jacob Vetharaj	National seminar on Latex programming
2012- 13	Dr. Babu S	Linux operating system
	Dr. E Krishnan	Inter Collegiate Mathematics & Statistics Quiz Competition
	Dr. Babu Dr.Savithry Sivakumar Dr.T R Sivakumar Prof.Sumesh S S	National seminar on Essentials of Latex programming
	Dr. Mary George	Talk on Fuzzy Mathematics
2013- 14	Dr E Krishnan	Inter Collegiate Mathematics & Statistics Quiz Competition
	Dr.Andreas Philippou Dr.Satheesh Kumar Dr.Sindhu Unnithan	International seminar on Fibonacci sequence,Probability and Gambling
	Dr. Arun Sreekumar	Talk on Humanization of Mathematical education
	Dr. E Krishnan	Inter Collegiate Mathematics & Statistics Quiz Competition
2014-15	Dr. Mary Mettilda Rose V	Talk on Astronomy
	Dr. Aji.A Dr.Sivasankar Prof .Sumesh S S Dr. Achuth Sankar S Nair	National Seminar on Numerical Methods in computer programming and their applications
	Dr. Manilal S	Inter Collegiate Mathematics & Statistics Quiz Competition

30. Teaching methods adopted to improve student learning
 - ICT enabled teaching
 - Peer Teaching
 - Remedial Classes
 - Assignments and Seminars
 - Class tests
 - Discussions
 - Projects
 - Tutorial Classes
 - Extension activity
31. Participation in Institutional Social Responsibility (ISR) and Extension Activities
 - Final Year Students take basic Mathematics Class in the near by school, St Mary's School, Vettucaud
 - The extension activity "Health, Nutrition and Physical fitness" is found to



be of great relevance achieving positive results.

- The activities are conducted with slide shows, Group activities, and Discussions
- The classes include care of Sense organs, Importance of Exercise and Stress Management.
- A talk was conducted on Reproductive Health by Dr. Anupama, Meditrina Hospital, Pattom on 17/03/2015

32. SWOC analysis of the department and Future plans

STRENGTHS

- Good teaching and learning atmosphere
- Independent of the influence of student politics inside the campus
- Sufficient collection of text books and references in the general library as well as in the departmental library
- The Department conducts Inter Collegiate Mathematics and Statistics Quiz Competition and Mathematics Exhibition every year
- The Department releases Students' Journal "SIGMA" every year

WEAKNESSES

- No separate computer lab for Mathematics students
- Majority of students are first generation learners

OPPORTUNITIES

- Students graduated with good results in Mathematics and were eligible for higher studies in various fields like pure & applied mathematics and computer science in different institutions
- Students got opportunity to participate and win prizes in competitions conducted by other institutions

CHALLENGES

- Majority of the meritorious students take admission in professional courses which becomes challenging for Science subjects especially Mathematics.
- Students from non-Mathematics stream have to study Mathematics for their complementary courses

FUTURE PLANS

- Post Graduation course
- Department library
- Introducing books with new topics in Mathematics for projects in new areas
- Computer Lab
- Smart class rooms
- Coaching for various competitive examinations
- Extending outreach programme

DEPARTMENT OF BOTANY

- | | | | |
|----|---------------------------------------|---|------------------------|
| 1. | Name of the department | : | Botany |
| 2. | Year of Establishment | : | 1964 |
| 3. | Names of Programmes/ Courses offered: | | UG - BSc Botany |



4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Complementary course	Zoology
Open course in Horticulture	Other departments

5. Annual/semester/choice based credit system (programme wise)

Annual Scheme till March 2010 & CBCSS from June 2010

6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complementary courses	Chemistry & Zoology
Language courses	English, Malayalam, Hindi and French
Open Courses	Other departments

7. Courses incollaboration 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
Professors	4	
Associate Professors		1
Asst. Professors		3
Guest Lecturers		

10. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Speciali- zation	No.ofYe- ars of Experie- nce	No.of Ph.D. students guided for the last 4 years
Dr. Meera Bhasker	MSc, PhD	Asso. Prof. (Rtd)	Botany	29	3
Dr. Jayasree Sukumar	MSc, M Phil, PhD	Asso. Prof. (Rtd)	Botany	15	Nil
Dr. Sheela Mary Xavier	MSc, M Phil, PhD	Asso. Prof. & HOD	Botany	32	Nil
Ms. Cinthya Christopher	MSc, M Phil, NET	Asst. Prof.	Botany	6	Nil
Dr. Nisha K K	MSc, NET, PhD	Asst. Prof.	Biotech- nology	10	Nil
Dr. Sr. Shaina T J	MSc, M Phil, PhD	Asst. Prof.	Botany	2	Nil

11. List of senior visiting faculty : NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
25	25	25	25	25	25	25	25	25	25

L- Lecture; P- Practical



13. Student-Teacher Ratio (programme wise)

UG	Core	33:1
	Complementary	33:1

14. Number of academic support staff (technical and administrative staff) sanctioned and filled

	Sanctioned	Filled
Technical	2	2

15. Qualifications of teaching faculty

Name	Qualification
Dr. Sheela Mary Xavier	M Sc, M Phil, PhD
Ms. Cinthya Christopher	M Sc, M Phil
Dr. Nisha K K	M Sc, PhD
Dr. Sr. Shaina T J	M Sc, M Phil, PhD

16. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Ms. Cinthya Christopher	National- Minor	UGC	2011-2013	1,40,000/-
Dr. Nisha K K	National- Minor	UGC	2013-2015	1,60,000/-

17. Departmental projects funded by DST-FIST, UGC, DBT etc and total grants received

Project	Funding Agency	Period	Grants received
DBT Star Scheme	DBT	2012-14	7,00,000/-
Mahatmaji Jaivodhyanam	KSCSTE	2011-12	10,000/-

18. Research centre/facility recognized by the University: NIL

19. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Dr. Sheela Mary Xavier	2	1	1
Ms. Cinthya Christopher	4	2	4
Dr. Nisha K K	3	2	8
Dr. Sr. Shaina T J	3	-	6
Dr. Sajitha Rajan S	3	-	5

Journal Publications						
	Title	Journal	Volume	Year	National/ International	Impact factor
Dr. Sheela Mary Xavier						
1	Chromosome number and unique pollen characteristics of an endemic medicinal plant <i>Naragamia alata</i> .	Journal of Medicinal and aromatic plant Sciences	35	2013	National	



2	Chemical constituents and Antibacterial activity of the Root Oil of Naregamia alata.	Journal of Tropical Medicinal plants	2	2011	International	
Ms. Cinthya Christopher						
1	Cytomorphological study in Bacopa monnieri.	The Journal of Cytology and Genetics	15	2014	International	0.294
2	Cytological study with emphasis to Karyomorphology of Gnetum and Ephedra	The Journal of Cytology and Genetics	15	2014	International	0.294
3	Karyomorphological studies in Conifers	The Journal of Cytology and Genetics	15	2014	International	0.294
4	Documentation and utility based screening of aquatic vascular plants in Karikkakam and Venpalavattom	Journal of Basic & Applied Biology	7(3)	2013	National	
Dr. Nisha K K			Citation Index - 20		h-index - 1	
1	Agrobacterium tumefaciens mediated transformation of two important Indian varieties of potato (Solanum tuberosum L.)	Journal of Phytological research	26	2013	International	
2	Allelopathic effect of some leguminous cover crops and rice weeds on seed germination of paddy	Journal of Phytological research	26	2013	International	
3	Documentation and utility based screening of aquatic vascular plants in Karikkakam and Venpalavattom	Journal of Basic & Applied Biology	7(3)	2013	National	



Dr. Sr. Shaina T J						
1	Chromosomal variations in <i>Coccinia grandis</i> (L.) Voigt., an actively evolving dioecious cucurbit exhibiting floral polymorphism	The Nucleus	57	2014	International	
2	Reproductive biology of <i>Coccinia grandis</i> (L.) Voigt., a vegetatively propagated dioecious cucurbit: Evidence for facultative apomixis	International Journal of Plant Reproductive Biology	7	2014	International	
3	Morphological variation and evolutionary significance of <i>Coccinia grandis</i> (L.) Voigt: an under- exploited cucurbit aceous vegetable crop	Plant Systamatics and Evolution	293	2012	International	
Dr. Sajitha Rajan S						
1	Allelopathic effect of some leguminous cover crops and rice weeds on seed germination of paddy	Journal of Phytological research	26	2013	International	
2	Preliminary study on antioxidant potential of two aquatic weeds: Water hyacinth and Duck weed	Journal of Basic & Applied Biology	7(3)	2013	National	
3	Laser induced chlorophyll fluorescence spectra of <i>Pallavicinia lyelli</i> (Hook.) S. Gray. subjected to desiccation and rehydration	Indo-Global Research Journal of Pharmaceutical Science	2 (1)	2011	International	



Conference papers			
Title of the paper		International/ Regional	Year
Dr. Sheela Mary Xavier			
1	Antibacterial and DNA cleavage activity of a potent medicinal plant <i>Naregamia alata</i> W&Arn	International	2011
Ms. Cinthya Christopher			
1	Physico-chemical and macrofloral analysis on selected ponds in Karikkakom village, Thiruvananthapuram	National	2012
2	Life form spectrum of aquatic vascular plants in Venpalvattom, Thiruvananthapuram	National	2011
3	Biological spectrum of floristic community in All Saints' College campus, Thiruvananthapuram	National	2011
4	Hydrobiological studies of selected lentic ecosystems in Thiruvallam, Thiruvananthapuram	National	2010
Dr. Nisha K K			
1	Phytochemical screening and phytotoxic effects of <i>Crotalaria pallida</i> Aiton.	National	2015
2	<i>Agrobacterium tumefaciens</i> mediated transformation of two important Indian varieties of <i>Solanum tuberosum</i> L	National	2012
3	Enhanced tuber induction in transgenic potato harbouring B33ipt gene	National	2012
4	Diversity of Fresh water Algae in All Saints' Campus	National	2011
5	Documentation of Terrestrial and Freshwater Algal Flora of All Saints' College Campus	National	2011
6	Production and Analysis of Vermicompost from Common Aquatic Weeds of Alappuzha	National	2010
7	Bluegreen algae as biofertilizer	National	2010
8	Effect of Benzyl Adenine on Microtuber Induction in Potato (<i>Solanum tuberosum</i> L.) Cultivar Kufri Jyoti	National	2009
Dr. Sr. Shaina T J			
1	"Karyotypic variations in <i>Coccinia grandis</i> , a dioecious cucurbit exhibiting floral polymorphism"	National	2013
2	Role of home gardens in the conservation of genetic diversity – a case study of <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae)	International	2012
3	Sex expression associated morphological, cytological and molecular markers in <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae).	International	2011
4	Variations and associations of morphological and seed protein characteristics in <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae) from Kerala.	International	2010



5	Stigma receptivity and seed protein profile of cultivated and wild accessions of <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae).	National	2010
6	Morphological and isozyme variations in <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae) from Kerala.	National	2010
Dr. Sajitha Rajan S			
1	“Laser induced chlorophyll fluorescence spectra – A tool for early stress detection in plants.”	International	2014
2	“Photosynthetic pigments profile and chlorophyllase activity during leaf ontogeny in <i>Mangifera indica</i> L.”	International	2014
3	“Cell Suspension Culture, extraction and purification of apigenin from <i>Polytrichum commune</i> and its potentialities against Human Colon Cancer Cell Lines”	National	2014
4	“Preliminary study on antioxidant potential of two aquatic weeds: Water hyacinth and Duck weed”	International	2013
5	‘Laser induced chlorophyll fluorescence spectrum in the liverwort <i>Riccia frostii</i> ’	National	2012
Books authored			
Sl No	Name	Title	ISBN/ISSN
1	Sheela Mary Xavier, Cinthya Christopher & Nisha K K	Proceedings of National Conference on Biodiversity	-
2	Nisha K K & Cinthya Christopher	Ortus Planta	-

20. Areas of consultancy and income generated

Consultancy Service	Individuals/ Institutions benefited	Amount generated
Biodiversity documentation	Bishop’s House, Punalur; St.Mary’s Church, Pongumoodu; Chempaka School, Trivandrum	1,50,000/-
Coaching classes for higher secondary school teachers	Higher Secondary Schools, Trivandrum	Free of cost
Identification of plants and medicinal herbs	Local people and school students	Free of cost

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: **100%**
- Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: NIL

23. Awards/ Recognitions received by faculty and students

Awards received by the faculty

- Mrs. Cinthya Christopher received Best Poster Award in the Regional Science Congress on ‘Science for Shaping the Future of India’ jointly organized by the Indian Science Congress Association, Coimbatore chapter and Kongunadu Arts and Science College at Coimbatore during 15th and 16th December 2012.
- Dr. Nisha K K received award of merit for mentoring the students in the project for Inter-university competition on Water Resources Management at Regional level conducted by Teri University, Delhi.



The group got selected for National level competition to be held at Delhi during February 2016.

Awards received by the students

- Vidhu Sara Vargis of III DC botany secured 2nd rank in Kerala University in the B.Sc Degree examination of March 2010
- Najeena P M of III DC botany secured 3rd rank in Kerala University in the B.Sc Degree examination of March 2012
- Aathira Sree S of III DC botany secured 2nd rank in Kerala University in the B.Sc Degree examination of March 2015
- Geetha Mini D of S1 Botany secured 1st prize in District level Quiz competition conducted by Rama Krishna Mission in association with Department of Sports and Youth Affairs, Govt. of Kerala on 10th November 2012.
- Arathi Sivaraj of S3 Botany secured 1st prize in Mohiniyattam competition conducted by Sree Chithira Thirunal Smaraka Sangeetha Natyakala Kendram, Thiruvananthapuram in connection with Ananthapuri Nritha Sangeetholsavam on 2nd November 2012.
- Geetha Mini D of S2 Botany secured 2nd prize in State level Quiz competition conducted by Rama Krishna Mission in association with Department of Sports and Youth Affairs, Govt. of Kerala on 11th January 2013
- Arathi Sivaraj of S4 Botany was the winner of Dance Fest 2013- Solo Dance competition held on 10-16 May 2013 in connection with Adoor Bhasi Award nite-2013
- Arya Raj A of S2 Botany secured 2nd Prize for Drawing Competition held on behalf of observance of World Blood Donors Day on 14th June 2013
- Geetha Mini D of S4 Botany won 3rd prize in Essay writing competition in connection with cancer awareness programme organised by Dept. of Oncology, Amritha Institute of Medical sciences, Kochi, on 4th February 2014.
- Geetha Mini D of S4 Botany won 3rd prize in the elocution competition held in connection with national science day celebrations 2014 at CTCRI, Sreekariyam, Trivandrum.
- Arya Raj A of S4 Botany won 3rd prize in the poster making competition held in connection with National Science day celebrations 2014 at CTCRI, Sreekariyam, Trivandrum.
- Geetha Mini D of S3 Botany won 2nd prize in the quiz competition held in connection with 150th birth anniversary celebrations of Swami Vivekananda on 11-01-2013 at Trivandrum.
- Geetha Mini D of S3 Botany won essay writing competition held in connection with Mir Group Inter Collegiate Essay Writing Contest 2014-2015 at All Saint's College, Trivandrum
- Meera M of S2 Botany participated in the South Zone Inter University Football (Women) Tournament on 3rd to 6th January 2014 organized by Thiruvalluvar University, Vellore, Tamil Nadu
- Sujitha T. S of S1 Botany participated as medal queen in National Games Kerala 2015



- Anu Longian of S2 Botany participated as announcer on the 35th National Games Kerala 2015.
- Sreeraghi of S4 Botany has attended the life skill training programme for Red Ribbon Club Peer Educators organized by KSACS in association with NSS and HLPPT at Mariyarani Center Trivandrum 2014
- Geetha Mini D of S3 Botany won 3rd prize in the elocution competition in National Science day celebrations 2015 organized by post graduate Dept. of Environmental science All Saint's College Trivandrum 2015
- Geetha Mini D of S3 Botany won 2nd prize in the essay writing competition in National Science day celebrations 2015 organized by post graduate Dept. of Environmental science All Saint's College Trivandrum 2015
- Arya Raj of S4 Botany won 2nd prize in inter collegiate poster making competition in National Science day celebrations 2015 organized ICAR at CTCRI Trivandrum 2015
- Sunitha S K and Roshni A S of S5 Botany received I prize in Inter-University competition on Water Resources Management at regional level conducted by Teri university, Delhi and got selected for national level competition

ASAP

- Anupama Chandran of S6 Botany participated in the Twenty one day residential programme in communication skills in English and basic IT skills conducted by Higher education Dept. and General Education Dept. Govt. of Kerala under the training partner scheme of ASAP 2013
- Niza A of S6 Botany participated in the Twenty one day residential programme in communication skills in English and basic IT skills conducted by Higher education Dept. and General Education Dept. Govt. of Kerala under the training partner scheme of ASAP 2013

Sports

- Meera M of S3 Botany secured 3rd place in the Kerala University Inter Collegiate (Inter Zone) cricket (Women) tournament held at Medical College Ground Trivandrum 2014
- Meera M of S3 Botany won 1st place in the Kerala University Inter Collegiate (Inter Zone) base ball (Women) tournament held at University Stadium Trivandrum 2014
- Meera M of S3 Botany secured 3rd place in the Kerala University Inter Collegiate (Inter Zone) handball (Women) tournament held at Govt. College for Women Trivandrum 2014
- Meera M of S3 Botany secured 3rd place in the Kerala University Inter Collegiate (Inter Zone) hockey (Women) tournament held at L.N.C.P.E Kariyavattom Trivandrum 2014
- Meera M of S3 Botany secured 2nd place in the Kerala University Inter Collegiate (Inter Zone) foot ball (Women) tournament held at University Stadium Trivandrum 2014
- Meera M of S3 Botany secured 3rd place in the Kerala University Inter Collegiate (Inter Zone) soft ball (Women) tournament held at College of Engineering, Trivandrum 2015



- Meera M of S3 Botany secured 3rd place in the Kerala University Inter Collegiate (Inter Zone) hockey (Women) tournament held at L.N.C.P.E Kariyavattom, Trivandrum 2014
- Meera M of S3 Botany participated in All India Inter University softball (Women) tournament organized by University of Delhi 2015

Paper Presentations in National Seminars by UG Students

1. Asha Lekshmi V of DCIII Botany presented a paper entitled, “Biological Spectrum Of Floristic Community In All Saints’ College Campus, Thiruvananthapuram” in the UGC sponsored National Seminar on Emerging Trends in Biodiversity Conservation and Sustainable Management, Conducted by Department of Zoology, Christian College, Chengannur during August, 2011
 2. Shruthi Sreekumar of DCIII Botany presented a paper entitled, “Documentation of Terrestrial and Freshwater Algal Flora of All Saints’ College Campus” in the UGC sponsored National Seminar on Emerging Trends in Biodiversity Conservation and Sustainable Management, Conducted by Department of Zoology, Christian College, Chengannur during August, 2011
 3. Shilpa Biju of S4 Botany presented a paper entitled, “Diversity of Fresh water Algae in All Saints’ Campus” in UGC Sponsored National Conference on Biodiversity “Conservation of Nature’s Endless and Unexplored Resources” conducted by Department of Botany, All Saints’ College during October, 2011
 4. Josephine Joseph of DCIII Botany presented a paper entitled, “Life form spectrum of Aquatic Vascular Plants in Venpalavattom, Thiruvananthapuram.” in UGC Sponsored National Conference on Biodiversity “Conservation of Nature’s Endless and Unexplored Resources” conducted by Department of Botany, All Saints’ College during October, 2011 and bagged consolation prize.
 5. Athirasree S and Akshaya P I of S4 Botany jointly presented a paper entitled “Laser induced chlorophyll fluorescence spectra – A tool for early stressdetection in plants” in the ‘International Conference on emerging frontiers and challenges in Chemistry’ (ICEFCC- 2014) on 17th and 18th February 2014 held at All Saints’ College, Trivandrum.
 6. Ashitha Alenson of S6 Botany presented a paper entitled “ Photosynthetic pigments profile and chlorophyllase activity during leaf ontogeny in *Mangifera indica* L in the ‘International Conference on emerging frontiers and challenges in Chemistry’(ICEFCC- 2014) on 17th and 18th February 2014 held at All Saints College, Trivandrum.
24. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Dr. P G Latha	Director	JNTBGRI, Palode
2	Dr. R.V.Varma	Chairman	Kerala State Biodiversity Board
3	Dr. M P Nayar	Former Director	Botanical Survey of India
4	Dr. G M Nair	Founder Director	Interuniversity Centre for Genomics & Gene Technology
5	Dr. P J Mathew	Scientist	JNTBGRI, Palode



6	Dr. Mathew Dan	Scientist	JNTBGRI, Palode
7	Dr. Shirly Raichal Anil	Senior Scientist	Central Tuber Crops Research Institute, Sreekariyam
8	Dr. C. Sathish Kumar	Scientist	JNTBGRI, Palode
9	Dr. A. Ajayaghosh	Senior Scientist	CSIR National Institute for Interdisciplinary Science and Technology, Trivandrum
10	Dr. Vasudeva Ramesh	Professor	Dept. of Forest Biology, College of Forestry, Sirsi, Karnataka
11	Dr. Asha Latha Nair	Head of the Department of Botany	University of Kerala, Kariavattom
12	Dr. S Paulsamy	Associate Professor in Botany	Kongunadu Arts and Science College, Coimbatore
13	Dr. Jomy Augustine	Prof. & Head, Department of Botany	St. Thomas College, Palai
14	Dr. Radhakrishnan E K	Asst. Prof. in Microbiology	School of Bioscience, MG University, Kottayam
15	Dr. K. Murugan	Reader in Botany	University College, Trivandrum
16	Dr. Madhan Shankar	Assistant Professor in Biotechnology	Department of Biotechnology, PSG College of Arts & Science, Coimbatore
17	Dr. Preetha T S	Assistant Professor	Department of Botany, University College, Trivandrum
18	Shri. Binoy Vishwam	Honourable Minister for Forestry	Kerala Government
19	Shri. Surendran Pillai	Honourable Minister	Kerala Government
20	Mr. Rakesh Vadhyar	Botanical Assistant	Botanical Survey of India, Coimbatore
21	Mrs. Mini C. L.	Agricultural Officer	Agricultural Department, Kudappanakkunnu
22	Mr. Binulal	Coordinator	Agricultural Department, Kudappanakkunnu
23	Mr. Harikumar	Vice President	Society of Energy Engineers and Managers
24	Mr. Sabu N.	Florist	Trivandrum

25. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International/ National	Date	Funding Agency
1	National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'	National	September 28-29, 2011	UGC
2	National Seminar on Green Conservation- Traditional Methods	National	March 10th 2014	CCR Generalate



3	Workshop on Plant Tissue Culture Techniques	Regional	March 7 th 2014	DBT
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26. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled	Pass percentage
				*F	
2010-2011	B.Sc. Botany	1881	59	59	70
2011-2012	B.Sc. Botany	1781	59	59	85
2012-2013	B.Sc. Botany	2113	55	55	92
2013-2014	B.Sc. Botany	2717	55	55	84
2014-2015	B.Sc. Botany	2373	48	48	81

27. Diversity of students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	B.Sc. Botany	100	Nil	Nil
2011-2012	B.Sc. Botany	100	Nil	Nil
2012-2013	B.Sc. Botany	100	Nil	Nil
2013-2014	B.Sc. Botany	100	Nil	Nil
2014-2015	B.Sc. Botany	98	2	Nil

28. How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defense services, etc:
NIL

29. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	16	17	17	21	25
Off Campus	13.55	10.66	10.90	9.09	9.26

30. Details of infrastructural facilities

a)	Library	160 books
b)	Internet facilities for staff & students	Yes; Campus with WiFi
c)	Class rooms with ICT facility	1
d)	Laboratories	2- BSc Lab & Tissue Culture Lab
e)	Gardens	Medicinal and Ornamental garden, Mahatmaji Jaivodhyanam, Nakshatra Garden, Orchard & Ferndale
f)	Others	Museum, Herbarium, Green House & Poly House

31. Number of students receiving financial assistance from College, University, Government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	2	3	2	3	2
Fisheries Scholarship	36	38	42	32	34
E-Grant	44	48	45	40	43
Mohammed Koya Scholarship	0	0	1	1	1
University Merit Scholarship	18	15	12	18	16
Single Girl Child Scholarship	1	1	0	1	1



32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010 -11	Dr. Ashalatha S Nair, Head of the Department of Botany, University of Kerala	Invited talk on 'GM Crops'
	Mr. Harikumar Ramadas, Vice President of Society of Energy Engineers and Managers	Invited talk on Energy Conservation
	Dr. R V Varma, Chairman, Kerala State Biodiversity Board	Workshop on Unexplored Treasures of Our Living World
	Dr. M P Nayar, Former Director BSI	Workshop on Unexplored Treasures of Our Living World
	Dr. Shaji, Scientific Officer, Kerala State Biodiversity Board	Workshop on Unexplored Treasures of Our Living World
2011 - 12	Dr. P G Latha, Director, TBGRI, Palode	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
	Dr. Radhakrishnan E K, Asst. Prof. in Microbiology, School of Bioscience, MG University, Kottayam	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
	Dr. K Murugan, Reader in Botany, University College, Thiruvananthapuram	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
	Dr. Mathew Dan, Scientist, TBGRI, Palode	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
	Dr. M P Nayar, Former Director, BSI	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
	Dr. S Paulsamy, Associate Professor in Botany, Kongunadu Arts and Science College, Coimbatore	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
	Dr. Vasudeva Ramesh, Professor, Dept. of Forest Biology, College of Forestry, Sirsi, Karnataka	UGC sponsored National Conference on Biodiversity - 'Conservation of Nature's Endless and Unexplored Resources'
2012- 13	Dr. A Ajayaghosh, F. A. Sc., Scientist H, National Institute for Interdisciplinary Science and Technology (NIIST) CSIR, Trivandrum	Invited talk on Nanotechnology



	Mr. Sabu N, Florist, Thiruvananthapuram	Workshop on Flower arrangement
2013- 14	Dr. C Sathish Kumar, Scientist, JNTBGRI, Palode	Invited talk on 'Biology of Carnivorous Plants'
	Dr. Jomy Augustine, Prof. & Head, Department of Botany, St. Thomas College, Palai	National Seminar on 'Green Conservation- Traditional Methods'
	Mr. Rakesh Vadhyar, Botanical Assistant, Botanical Survey of India, Coimbatore	National Seminar on 'Green Conservation- Traditional Methods'
	Dr. Shirly Raichal Anil, Senior Scientist, Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram	One day workshop on Tissue Culture Techniques
	Mrs. Mini C L, Agricultural Officer, Agricultural Department, Kudappanakkunnu	Invited Talk on 'Veettil Oru Adukkalathottam'
	Mr. Binulal, Coordinator, Agricultural Department, Kudappanakkunnu	Invited Talk on 'How to raise a vegetable garden and the importance of Organic Farming'
2014-15	Dr. P J Mathew, Scientist, JNTBGRI, Palode	Invited Talk on "Medicinal Plant Diversity"

33. Teaching methods adopted to improve student learning
 - Lectures
 - Seminars and Assignments
 - ICT enabled teaching – PowerPoint presentations & videos
 - Charts
 - Practical classes
 - Peer Group teaching
 - Projects
 - Herbarium, museum & medicinal garden-assisted teaching
 - Visits to research labs
 - Study tour
 34. Participation in Institutional Social Responsibility (ISR) and Extension Activities
 - Eco Club
 - Biodiversity Documentation
 - Extension activity - 'Veettil Oru Adukkalathottam'
 - Project on water resource management under Interuniversity Competition conducted by Teri university
 - Green Audit
 - Documentation of campus flora
 - Maintenance of Medicinal garden, Ornamental Garden, Mahatmaji Jaivodhyanam, Nakshatra Garden, Green house and Conservatory
 - Exhibitions
 35. SWOC analysis of the department and Future plans
- STRENGTHS**
- Highly talented and efficient teaching faculty with three out of four being PhD holders
 - Botanical garden, Medicinal garden, Nakshatra garden, Mahatmaji Jaivodhyanam and Green house enable study in the natural condition



- Well equipped Plant Tissue Culture lab facilities are available and hands-on training given to selected students under DBT Star Scheme

WEAKNESSES

- Lack of PG course
- High student: teacher ratio (33:1)
- Insufficiency of time for the completion of portions
- Unforeseen holidays hamper number of teaching days

OPPORTUNITIES

- Study tour, field visits and visit to renowned research institutions enable the students to familiarise with different phyto-geographic areas and new technologies
- Department have a good collection of herbarium specimens which serve as reference material for taxonomical studies
- A museum rich with diverse members of plant kingdom, preserved and dried, facilitates the study of unavailable and distantly available materials
- Periodically organised seminars and talks by eminent scientists give awareness and guidance in emerging fields of science

CHALLENGES

- Semesterisation
- Priority of students for professional and paramedical courses creates non-availability of enthusiastic students
- Majority of the students are first generation learners

FUTURE PLANS

- To start PG course in Botany
- Upgrade the department into Research Centre
- Undertake Major and Minor Projects
- Implementation of certificate courses and add-on courses
- Setting up a conservatory for Zingiberaceae members

DEPARTMENT OF ZOOLOGY

1. Name of the Department : **Department of Zoology**
2. Year of Establishment :
Introduction of the Department : **1964**
Introduction of the Graduate Course : **1967**
3. Names of Programmes /Courses offered : **UG : B.Sc. Zoology**
4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Open Course Public health and Hygiene	All Departments
Complementary Course	Botany
Add-on-Course Ornamental Fish Culture and Aquarium Management	All Departments

5. Annual/semester/choice based credit system (programme wise)
Annual Scheme till March 2010 & CBCSS from June 2010



6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Open Course : Public health and Hygiene	All Departments
Complementary Course	Botany & Chemistry

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

Posts	Sanctioned	Filled
Professors	4	-
Associate Professors		-
Asst. Professors		4
Guest Lecturers		1

10. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Dhanalekshmy T G	M.Sc., Ph.D.	Asst.Prof & HOD	M.Sc., & Ph.D (Zoology)	6	
Ms. Divya Grace Dilip	M.Sc., M.Phil	Asst.Prof.	M.Sc., & M.Phil (Zoology)	6	-
Dr. Siny G Benjamin	M.Sc., M.Phil, B.Ed, Ph.D DAST(IT)	Asst.Prof	M.Sc., & M.Phil (Zoology) Ph.D. (Biotechnology)	6	-
Dr. Sherly D	M.Sc, Ph.D	Asst.Prof.	M.Sc., (Zoology) Ph.D (Aquatic Biology & Fisheries)	5	-

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
-	-	-	-	-	-	-	-	25	25

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	Core	33:1
	Complementary	30:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Posts	Sanctioned	Filled
Technical	2	2
Administrative	Nil	Nil



15. Qualifications of teaching faculty .

Name of the Faculty	Qualification
Dr. Dhanalekshmy T G	M.Sc., Ph.D
Ms. Divya Grace Dilip	M.Sc., M.Phil
Dr. Siny.G Benjamin	M.Sc., M.Phil, Ph.D
Dr. Sherly D	M.Sc., Ph.D

16. Number of faculty with ongoing projects from

Name of the Faculty	Project	Funding Agency	Period	Grant Allocated	Amount Received
Dr. Dhanalekshmy T G	MRP(S)-911/10-11/ KLKE007/UGC-SWRO-Dated 10 th February,2011	UGC	1 year Completed and submitted on May, 2013	60,000/-	Rs.38,000/-10 th February, 2011

17. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR,etc.and total grants received

Project	Funding Agency	Period	Grant Received
Star-College Scheme	DBT	3 years (2012-2014)	Rs.14 lakhs
Add-on-Course	UGC	5 years (2010-2015)	Rs.10 lakhs

18. Research Centre/facility recognized by the University : Nil

19. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Dr. Dhanalekshmy.T.G.	5	-	5
Dr. Siny G Benjamin	-	3	9
Dr. D.Sherly	5	-	2
Dr.Gigi.C.Rajan	2	-	-

PUBLICATIONS

Dr. Dhanalekshmy.T.G.

NATIONAL / INTERNATIONAL JOURNALS					
Sl. No	Topic of the Paper published	Name of the Journal	National / International	Month / Year of Publication	Impact factor
1.	"A Comparative study of the status of two surface water bodies based on Physico-chemical and Bacteriological parameters" (Vol. 7 (3) : 77-79, 973 -8207)	Journal of Basic and Applied Biology	International	July 2013	-
2.	" Water Quality Analysis of Two Surface Water resources in Thiruvananthapuram, India" (Vol.18(7) : 8-15 0972-0626)	Research Journal of Chemistry and Environment	National	July 2014	0.636
3.	"Study Of Cattle Breeds, Diseases And Parasites" (Vol. 15 (1) 0973 -1946)	Millenium Zoology	National	Nov 2014	-
4.	"Histopathological changes in kidney and urinary bladder of experimental rats on different	International Journal of Applied Biology and Pharmaceutical	International	Dec2014	0.9967



	diets showing the risk of crystallization” (Vol.5 (4) 0976-4550)	Technology			
5.	“Effect of Urine Samples of Experimental rats on the Growth of Calcium Oxalate crystals <i>in-vitro</i> ” (Vol. 15 (1) 0973 -1946)	International Journal of Current Research	International	Feb 2015	5.349

PUBLICATIONS IN PROCEEDINGS OF SEMINARS

Sl. No	Topic of the Paper published	Name of the Proceedings	National / International	ISBN No.	Month / Year of Publication
1.	“Physico-Chemical Analysis and Plankton Diversity in Water from Various Sources in an Urban Area”	Biotechnology vs Biodiversity, Challenges and Options	National	-	Nov 2012.
2.	“A Random Study Of Dietary Pattern In Type 2 Diabetes”	Prevention of Life Style Diseases through Participation in Physical Activities	National	978-81-910811-3-8	Feb 2014
3.	“Quality Assessment Of Drinking Water Of Different Areas In Thiruvananthapuram City”	‘Contemporary Techniques in Environmental Research and Conservation (CTERC-2014)’	National	978-93-83083-81-7	March 2014.
4.	“Effect Of Urine Samples Of Diabetic And Non diabetic Patients And Various Antidiabetic Drugs On The Growth Of Calcium Oxalate Crystals <i>In-Vitro</i> ”	‘Recent and Emerging Advances in Chemical Science (REACS-2015)’	National	978-81-930193-0-6	Jan 2015.
5.	“Study Of Common Pet Animals And Zoonotic Diseases”	‘Vector-Borne Diseases in Kerala’	National	978-93-5212-529-6	Jan 2015

Dr. Siny G Benjamin

PUBLICATIONS IN PROCEEDINGS OF SEMINARS

Sl. No	Topic of the Paper published	Name of the Proceedings	National / International	Month / Year of Publication
1	Molecular characterization of corazonin neuropeptide gene in the red cotton bug, <i>Dysdercus cingulatus</i> ”	. Proceedings of International Conference on Emerging trends in Biotechnology	International	4-6th Dec 2009
2	“Study of Piscean and prawn diversity in Veli mangroves”.	Proceedings of the National Conference on Conservation of Wetlands	National	Jan28-29, 2010
3	Dipteran diversity	Proceedings of the National Seminar on “Emerging trends in Biodiversity conservation and sustainable management”	National	25-26 Aug2011.



4	"Phylogenetic Analysis of a Hemipteran based on the Biomolecule Corazonin	Proceedings of First Indian Biodiversity Congress	National	28 th – 30 th Dece 2010.
5	"Municipal Waste Management using vermicompost".	Proceedings of Seminar on Waste management with special reference on vermiculture and vermicompost"	National	19-20 Sep2012
6	Mosquito larvicidal efficacy of ornamental fish"	Proceedings of Seminar cum workshop on Emerging issues in Ornamental fish culture	National	24 th and 25 th Nov2014.
7	Bacteriological analysis of drinking water from water filters in educational institutions of Tiruvananthapuram district (ISBN: 978-81-930193-0-6)	Proceedings of Conference on Recent and Emerging Advances in Chemical Science REACS 2015 ,	National	8-9 Feb 2015
8	Digital Divide	Proceedings of National Seminar on Information Technology and Good Governance	National	29th Jan2015.
9	Mosquito larvicidal property of leaf extracts (ISBN: 978-93-5212-529-6)	Proceedings of Seminar on Vector Borne diseases in Kerala	National	Jan 22-23 2015

Dr. D. Sherly

Sl. No	Topic of the Paper published	Name of the Journal	National / International	Vol : Issue ISSN No.	Month / Year of Publication	Impact factor
1	Growth response of fringed lipped carp, Labeo fimbriatus (day) to a soya product, Nutripro aqua. ISRPF Issue,	Indian J Sci.Technol.	International	V4 ,NS8 0974-6846 4: 310-111	August 2011	-
2	Red hogweed fights WSSV, promotes growth in tiger shrimp,	Global Aquaculture Advocate:	International	ISSN No 1540-8906	May/June 2011	-
3	Dietary supplementation of Livol on the growthperformance of fringed lipped carp, Labeo fimbriatus..	Journal of Basic and Applied Biology, 12 :34-36	National	.0793-8207 V7 N3 12:34-36	July 2013	-
4	Antiviral property and growth promoting potential of Punarnava, Boerhaavia diffusa in tiger	Indian Journal of Marine Scieces	International	ISSN No 43(4)201.	December 2014	0.31



	prawn culture.					
5	Effect of hormones and growth promoters on the growth responses of fringed lipped carp, Labeo fimbriatus (Day)	Journal of Basic and Applied Biology,	National	0793-8207 6 (2) :26-34.	March 2013	-

Dr. Gigi C Rajan

NATIONAL / INTERNATIONAL JOURNALS						
Sl. No	Topic of the Paper published	Name of the Journal	National / International	Vol : Issue ISSN No.	Month / Year of Publication	Impact factor
1	Structures and biological activities of typicosides A1,A2.B1,C1 and C2 Triterpene glycosides from the seacucumber Actinocucumis typica	Natural product communications	International	Vol.8 NO.3 301-310	2013	0.92
2	Fishery resources of Akathumuri backwater Southwest coast of India a preliminary study	Journal of Aquatic biology and fisheries	National	Vol.2(1) 92-96	2014	-

20. Books authored

Sl. No	Name of the Book	Name of the Author/Authors	Name of the Publisher	ISSN No.	Month / Year of Publication
1	Informatics	Dr.Siny G Benjamin	GEM Publications	ISBN 978-93-5087-885-9	December 2010
2	Informatics and Bioinformatics		GEM Publications	ISBN 978-93-5087-889-7	December 2010
3	Informatics- Malayalam		GEM Publications	ISBN 978-93-5212-369-8	June 2014

20. Areas of consultancy and income generated

Consultancy Service	Amount generated
“Ornamental Fish Culture and Aquarium Management”	Nil Free consultancy

21. Faculty as members in Organisations

- 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: **100%**
- Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: NIL

23. Awards/Recognitions received by faculty and students :

Awards received by Faculty:

- Dr Siny G.Benjamin received best paper award in the International Conference on Emerging Trends in Biotechnology on 4-6th December 2009 at BHU Varanassi for the paper on “Molecular characterization of corazonin neuropeptide gene in *Dysdercus cingulatus*”.

Awards received by the students

- A team of six second year degree students participated in the inter-collegiate Atthapookkalam competition on 14th August organized by Red FM 93.5 in co-operation with TATA –TIO on an Onakootaima at Infant Jesus School, Kawdiar. The team won the first prize with a cash prize of Rs 5000/-.
- Aswathy. T.S. the second year degree student won 2nd prize in Poster designing competition organized by Terumopenpol on 23rd September for promotion of voluntary blood donation. She also got a consolation prize for English Slogan competition.
- Srithi.S.Thampy, the second year degree student won the 1st prize in the painting competition jointly organized by the Department of Information and Public relations, Government of Kerala and the Centre for Ghandhian Studies, University of Kerala in connection with the Gandhi Jayanthi week Celebration, 2010 held at V.J.T. hall.
- Ms. Aswathy.T.S. The second year degree student won the 2nd prize in the painting competition conducted by the Sree Chithira Thirunal Smaraka Sangeetha Natyakala Sahakaran Padana Kendram in connection with the Ananthapuri Nirtha Sangeetholsavam and 98th Sree Chithira Thirunal Jayanthi Celebration, 2010.
- In the Kerala Bird Race 2010, on 14, November, 2010 sponsored by HSBC and coordinated by WWF-India, Kerala State Office and Warblers & Waders, the Nature Club members of All Saints College won the 1st prize by sighting of 87 bird species.
- Ms. Aswathy.T.S. the second year degree student won the 3rd prize in the Kaleidoscope competition at AVANT GARDE 2010, the literary fest organized by the PG and Research Department of English, Mar Ivanios College, Thiruvananthapuram on 18-19 November, 2010.
- Krishnapriya T.R. the second year student won 2nd prize while Devika Kannan, Jitha.T.Nair and Reethu Rachel Jerome won the consolation prize in the quiz competition conducted by the IMA, Trivandrum branch on 1st December in association with the “World AIDS Day”. A memento and cash prizes were given to the winners.
- Ms. Sonu Balachandran, second year student attended a 10-day winter adventure camp organized by the Jawahar Institute of Mountaineering and Winter Sports sponsored by N.S.S. Regional Centre, Thiruvananthapuram from 11th January to 20th January, 2011.



- Ms. Surya.K., the second year student presented a paper at a Seminar in Hindi for College students organized by Hindustan Life Care Limited on the topic Contributions of Hindustan Latex Limited Life Care in improving the health care delivery in India on 10th March, 2011. She won the consolation prize and was awarded with a memento.
- Ms. Swapna Sasi.U.S., the final year student won the 1st prize in the essay competition “Role of youth in the protection of environment and wild life” organized by the Department of Museum and Zoo on 6th October, 2011. She was given a trophy and a cash prize of Rs.1000/-.
- Miss Nayana S got the 2nd Rank scoring 941/1000 in the Kerala University B.Sc. Zoology Degree Examination held in March, 2012.
- Miss Syalima P.R. got the 2nd Rank scoring 941/1000 in the Kerala University B.Sc. Zoology Degree Examination held in March, 2012.
- Miss Anjali Warriar of SEM-3 won the 2nd prize with a cash prize in the essay writing competition held by the Department of Museum and Zoo, in context with Wild Life Celebration Week from 2nd to 8th October, 2012.
- Miss Arya. S of SEM-3 won the first prize in the intercollegiate cricket competition held at Chenganoor Christian College on 21st September, 2012.
- Miss Sreedevi, of SEM-3 won the first prize in the intercollegiate handball competition held at All Saints’ College on 11th October, 2012.
- Steffy Sam Thomas won the 3rd prize in the mime competition in the Kerala Youth Festival held at Mavelikkara in February 2013.
- Ms. Anjali Warriar of the SEM VI received the Summer Research Fellowship of the Indian Academy of Sciences. She worked on the “Study of epigenetic regulation of downstream target genes by Transcription factor E2F4 by molecular cloning of E2F4-shRNA construct for expression in mammalian cell” at South Asian University, New Delhi, for one month (April 1-May 31, 2013).
- Ms. Anjali Warriar of the SEM VI was selected for the training programme in the basic laboratory techniques by the Indian Institute of Science Education and Research, at the Biology Research Laboratory, IISER, Thiruvananthapuram. She attended the training programme organized from December, 2011 to June, 2013 which was conducted during the vacation time and holidays.
- Sarika Mohan and Athira.A of SEM 4 and Amala B of SEM I won 1st prize in the Thiruvathira and 3rd prize in Kerala Nadanam and participated in the Margamkali competition in the Kerala State Youth Festival in 2014.
- Sreejitha of SEM 4 and team won the cash prize of Rs 1000 as 2nd prize winners in the intercollegiate quiz programme organized on March 14, 2014 on the topic “Ornamental Fish Culture and Aquarium Maintenance at ASC Recreation Hall.
- The Department of Zoology got the ever rolling trophy for scoring the 2nd prize in the cultural events during 2013-14.
- Rinnu Maria of S4 zoology received I prize in Inter-University competition on Water Resources Management at regional level conducted by Teri university, Delhi and got selected for national level competition.



24. List of eminent academicians and scientists/ visitors to the department

Name	Designation & Institute	Date & Year
Dr. Maya Vincent	Senior Consultant, Dr.K.Yogiraj Centre for Dermatology and Cosmetology, Pattom, Thiruvananthapuram	16, July, 2010
Dr. Sudheer	Director, Planning and Development, University of Kerala	28, July, 2010
Dr. Ramakumar	Professor of Surgery and Head, Division of Veterinary Medicine & Surgery, College of Veterinary Science, Haryana Agricultural University, Hissar, India	6, Dec, 2010
Dr. Reji Jose	Professor of Community Medicine, Sree Gokulam Medical College and Research Foundation, Venjaramoodu, Thiruvananthapuram.	22, Octo, 2013
Smt. Mini Antony. IAS.	Director, Directorate of Fisheries	18, July, 2013 & 11, March, 2014
Mr.S.Ajayan	Managing Director, Matsyafed, Govt.of Kerala	11-15, March, 2014

25. Seminars/ Conferences /Workshops organized

Sl. No	Name	International/National	Date	Funding Agency
1	One-day Regional Seminar on "Ornamental Fish Culture and Aquarium Keeping"	Regional	28, July, 2010	KSCSTE, Govt. of Kerala, Tvpm
2	International Seminar "Advances in Aquaculture Technologies"(ISAAT-2013)	International	18-19 July 2013	KSCSTE, Govt. of Kerala, Tvpm
Workshop				
3	"The Unexplored treasures of our living world"	Regional	3, December, 2010	Kerala State Biodiversity Board, Tvpm
4	Workshop "Ornamental Fish Culture & Aquarium Management" (WOFCAM-2014)	Regional	March 11-15, 2014	Matysafed, Dept of Fisheries, SAF, ADAK, CMFRI
5	"Ornamental Fish Culture & Aquarium Management" (WOFCAM II-2015)	Regional	March 3-7, 201	Matysafed, Dept of Fisheries.

26. Student profile programme/course wise:

Year	Name of the Course / Programme	Applications received	Selected	Enrolled	Pass percentage
				*F	
2010-11	B.Sc Zoology	1750	56	56	66.67
2011-12	B.Sc Zoology	1851	54	54	66.67
2012-13	B.Sc Zoology	2285	41	41	75.61
2013-14	B.Sc Zoology	2994	49	49	73.93
2014-15	B.Sc Zoology	2537	49	49	87.75



27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2010-11	B.Sc Zoology	100	-	-
2011-12	B.Sc Zoology	100	-	-
2012-13	B.Sc Zoology	100	-	-
2013-14	B.Sc Zoology	100	-	-
2014-15	B.Sc Zoology	100	-	-

28. How many students have cleared national and state competitive examination ssuch as NET, SLET, GATE, Civilservices, Defense services, etc.?
NIL

29. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	26.78	24.07	25	34.69	26
Employed					
• Campus selection	Nil	5.55	4.88	4.08	5.55
• Other than campus recruitment	28.57	19.52	24.89	16.83	14.81

30. Details of Infrastructural facilities

a)	Library	354 books
b)	Internet facilities for Staff & Students	1 Computer with internet
c)	Class rooms with ICT facility	1
d)	Laboratory	Well equipped laboratory

31. Number of students receiving financial assistance from college, university, government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	-	-	-	1	
Fisheries Scholarship	-	-	-	-	19
Mohammed Koya Scholarship	1	-	-	2	
Muslim Nadar Girls Scholarship	-	1	-	-	
SC	17	18	23	18	23
ST	-	-	1	3	
OBC	27	17	20	23	22
OEC	7	2	3	6	4
KPCR	3	4	3	5	
Fisheries	41	21	22	22	



32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

Ac.Yr	NAME	PROGRAMME	DATE & TOPIC
2010-11	Dr. Anilkumar	Resource person for the one-day Regional Seminar	28, July, 2010 “Marine Ornamental fishes”
	Dr. Benno Periera	Resource person for the one-day Regional Seminar	28, July, 2010 “Spectacular world of fresh water ornamental fishes”
	Dr. Biju Kumar	Resource person for the one-day Regional Seminar	28, July, 2010 “Aquarium keeping As Hobby and business”
	Dr. Maya Vincent	Chief Guest for inaugurating the Zoology Association activities and also for an invited talk	16, July, 2010 “Ecstasy and Agony of Cosmetology”
	Mr. Sanjeeva Ghosh	Resource person for the one-day Regional Seminar	28, July, 2010 “Emerging trends in ornamental fish culture and aquarium keeping”
	Dr.R.V.Varma	Chief guest for the one-day work shop	3, December, 2010 “The Unexplored treasures of our living world”
	Dr.M.P.Nayar	Resource person for the one-day work shop	3, December, 2010 “Plant Diversity in Time and Space”
	Dr.Shaji. C.P.	Resource person for the one-day work shop	3, December, 2010 “Fresh water Fish Diversity”
	Dr. Ramakumar	Chief Guest for inaugurating the Zoology Exhibition organized by the Department and also for delivering a lecture.	6, December, 2010 “Biodiversity Trends”
2011-12	Dr. Usha Balaram	Chief guest for inauguration of the activities of the Zoology Association for the academic year 2011-12.	19 th August, 2011. “Biodiversity and Food Security”
2012-13	Dr. Srinivas Pai	Chief Guest for inauguration of the activities of the Zoology Association for the academic year 2012-13	9 th August, 2012 “Goals of Human Genome Project”
2013-14	Prof. Dr.P.Natarajan	Resource person for the two-day International Seminar	18, July, 2013 “Arid land aquaculture in Tigray Region, Ethiopia-Constraints and Opportunities”
	Dr.P.Kesavanath	Resource person for the two-day International Seminar	18, July, 2013 “Use of artificial feeds in aquaculture: What is the future?”
	Mr. Selvam.R.Nath	Resource person for the two-day International Seminar	18, July, 2013 “Integrated sea water farm Eritrea”-An overview”
	Dr.Ebanasar. J	Resource person for the two-day International Seminar	19, July, 2013 “Role of probiotics in aquaculture”



	Dr. Reji Jose	Eminent medical professional to deliver a lecture for the SEM V students registered for Open Course 1 and an interactive discussion session	22, October, 2013 “Public Health and Hygiene”
	Dr. K.K. Ramachandran	Invited Guest for the 1-day Regional Seminar	18, July, 2013 Felicitation on the 1-day regional Seminar of “Ornamental fish culture and Aquarium maintenance”
	Mr. Ajayan	Eminent Researcher invited to deliver a lecture and inaugurate fish farming in the college campus by the Nature Club members	22, November, 2013 “Fish Culture and its Importance”
	Dr. A. Abraham	Chief Guest for inaugurating the Zoology Association activities for the academic year 2013-14 and also for an invited talk and interactive discussion with the students.	2, August, 2013 “Stress Management and Communication Skills”.
	Sri.K. Babu	Guest of Honour for the two-day International Seminar	18, July, 2013 “Advances in Aquaculture Technologies”
	Dr. Rani Mary George	Chief guest for the valedictory function of the 5-day workshop	15, March, 2014 “Ornamental Fish Culture & Aquarium Management”
2014-15	Mr. Manoj Sankar V	Chief Guest for inaugurating the Zoology Association activities for the academic year 2014-15 and also for an invited talk and interactive discussion with the students.	5, August, 2014 “Life Skill Development”
	Mr. N. Anil	Resource person for the 5-day Workshop on Ornamental Fish Culture & Aquarium Management (WOFCAM -2014)	11-15, March, 2014 Food and Nutrition-Dry feeds and Live feeds
	Mr. Sree Kumar	Resource person for the 5-day Workshop on Ornamental Fish Culture & Aquarium Management (WOFCAM -2014)	Disease management of ornamental fishes
	Mr. P. Sahadevan	Resource person for the 5-day Workshop on Ornamental Fish Culture & Aquarium Management (WOFCAM II-2015)	3 -7, March, 2015 “Introduction to ornamental fish keeping and culture”
	Dr. Eapen Jacob	Resource person for the 5-day Workshop on Ornamental Fish Culture & Aquarium Management (WOFCAM II-2015)	3 -7, March, 2015 Breeding of common ornamental fishes, Larval rearing, farming technologies, aquarium gadgets, Equipments and ornamental plants
	Dr. K.G. Manju	Resource person for the 5-day Workshop on Ornamental Fish Culture & Aquarium Management (WOFCAM II-2015)	3 -7, March, 2015 Disease management of ornamental fishes, Packing, transportation, marketing and quarantine



33. Teaching methods adopted to improve student learning
- Lectures
 - Seminars
 - Virtual lab facilities
 - Visit to the research institutions with the advanced well equipped scientific laboratories
 - Field study trip to sanctuaries, biodiversity spots
 - Chalk and board method
 - Audio visual teaching mode
 - Test papers
 - Printed notes
 - INFLIBNET
 - Assignments
 - Practical class
 - Peer Teaching
 - Project
 - Charts/models/specimens
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Add on Course
 - Nature Club
 - Fish farming
 - Exhibition
 - Workshop
 - Consultancy Ornamental Fish Culture & Aquarium Maintenance

STRENGTHS

- The Department is blessed with efficient and committed 4 permanent faculties who are all involved in both the academic and extension/club activities.
- The faculties are very keen in maintaining discipline among the students of the Department.
- They are also very keen in updating their knowledge and skill through various training programmes which they share/utilize while guiding the group projects.
- Research tempo is seen among all the faculty members and is involved in individual research projects.
- The faculties also maintain a teacher friendly approachable attitude among the students and give them individual attention through mentoring and counseling. This attitude shown by the faculties of the Department is seen to be beneficial to the less privileged group which constitutes the 50% of the total strength of students in the Department.
- The Add-on-Course carried out in the Department from 2010 onwards on “Ornamental Fish farming and Aquarium Maintenance sanctioned by the UGC give an opportunity for the students to complete a certificate/Diploma course along with their Degree course which can be



utilized for getting an employment or for a self employment in the field of fisheries.

- The Department library has adequate infrastructure and also laboratory facilities with advanced lab equipments/ instruments necessary for proper training of the students.
- The Department has about 354 books which include reference books/journals which are used by the faculties. The needy students are lent the syllabus based text books available in the Department library.
- The faculties adopt ICT aided teaching–learning methods. A smart class room facility is provided for the students of the Department. An internet connection is also provided in the Department which enables not only the faculties but also the students to utilize the facility.
- The two University 2nd ranks bagged by the students of the Department in 2012 and the various prizes obtained by the students at the University Youth Festival, sports and various intercollegiate level competitions along with the academic achievement in the last 5 years is really a great motivation for the students of the coming years.

WEAKNESSES

- Majority of the students of the Department has their basic education in Malayalam medium and hence lag behind in communication skills and fluency in English language. This to a great extent obstructs them in advancing their academic and to some extent in the cultural skills.
- As the college is situated in the coastal area, it gives preference to the students of the minority community of low economic status. The economic strain and the low literate family background is a great hindrance for majority of the students to score good credit.
- PG Course not yet sanctioned by the Govt. of Kerala due to financial constraints despite the department having all the infrastructure facilities for starting the course.

OPPORTUNITIES

- The Department can be sanctioned with a PG course and then raised to a research centre as they meet all the requirements needed for starting the course.
- If generous approach is put forth by the Government for starting the course, it gives an opportunity for the efficient, sincere faculties of the Department to apply for research grants which enable them to do work in the advance field of science and also a chance to interact with scientists of other esteemed research institutions.
- The students also get a good exposure which in future can enable them to attain good placements and also motivation to advance in their studies and take up new research projects.
- The new learning resources and the ICT facilities made available in the campus during the last 5 years is a real boon for the faculty and the students.

CHALLENGES

- Majority of the students of the Department come from poor socio-economic backgrounds and has poor communication skills and fluency in English language. This is tough effort and a challenge for the faculties in



managing the students in maintaining discipline and also in achieving good academic result.

- The CBCS syllabus introduced by the University of Kerala in 2010 with the aim for the students to seek the knowledge that suits varied interests, aptitudes and also ensures inter-disciplinary knowledge puts a great strain to both the faculties and students due to the short time duration.
- The unexpected hartals by the political parties and the holidays declared by the Government due to various reasons make it difficult to finish the prescribed syllabus in time, in conducting the series examinations and completing the practical, records and the project work in time and also in organizing the various curriculum demanding activities.
- Owing to great demand for the programme, the college is forced to admit students beyond the sanctioned strength through marginal increase which is a great challenge for the limited number of faculties to manage.

FUTURE PLANS

- To start M.Sc Degree course in General & Applied Zoology.
- Updating the laboratory facilities for advanced learning in Molecular Taxonomy.
- To update the Zoology Museum.
- Maintain a biodiversity register.
- Setting up a dry laboratory with ICT facilities.
- Organize regular workshop/training programme on ornamental fish culture and aquarium management for the unemployed women in the local community.

DEPARTMENT OF ECONOMICS

1. Name of the department : **Economics**
2. Year of Establishment : **1964**
3. Names of Programmes/ Courses offered: **BA Economics**
4. Names of Interdisciplinary courses and the departments /units involved

Name of the course	Departments involved
Complimentary Paper in History of Modern India	History & Politics
Complimentary Paper in Political Science	History & Politics
Open Course in Human Resource Management	Other departments
5. Annual/semester/choice based credit system (programme wise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complimentary courses	History & Politics
Language courses	English, Malayalam, Hindi and French
Open Course	Other departments
7. Courses incollaboration 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
Professors	-	-
Associate Professors	1	1
Asst. Professors	2	1
Guest Lecturer	-	1

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. students
Ms. Susan Edel Lopez (Rtd)	M.A, M. Phil	Asso. Prof.	Economics	29	Nil
Ms. Mary Alice G	M.A, B.Ed M. Phil	Asso. Prof.	Economics	27	Nil
Ms. Jiji Vijayan	M.A, NET	Asst. Prof.	Economics	3	Nil

11. List of senior visiting faculty : NIL
 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
30	-	30	-	-	-	25	-	30	-

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	Core	75:1
	Complementary	75:1

14. Qualifications of teaching faculty.

Name	Qualification
Ms. Mary Alice G	M.A, B.Ed, M.Phil
Ms. Jiji Vijayan	M.A, NET, Pursuing Ph.D
Ms. Sunpriya Balachandran	M.A, NET, Pursuing Ph. D

15. Number of faculty with ongoing projects from
 a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Ms. Sunpriya Balachandran	A Scientific Modeling of the Optimum Sizing of LSGs in Kerala	World Bank (Collaborative – in collaboration with Decentralization Analysis Cell, Government of Kerala)	1 Year	25,000/- (Initial amount)
Ms. Sunpriya Balachandran	GST Implementation: An Analysis of the Problems and Prospects of Revenue Mobilization in the Context of Kerala	Ministry of Finance, Government of Kerala (Collaborative) – in collaboration with Public Policy Research Institute, Government of Kerala)	1 Year	To be sanctioned



16. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

Project	Funding Agency	Period	Grants received
Impact of Remittance on the Development of Coastal Belt of Trivandrum: A Case Study of Trivandrum	UGC	1 Year (2012 – 13)	Rs. 90, 000/-

17. Research Centre/ facility recognized by the University: Nil

18. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Ms. Sunpriya Balachandran	1	1	1

Journal Publication						
Sl No	Title	Journal	Volume	Year	National /International	
1	“GST Implementation: What can India Learn from the International Experience?”	“Kerala Tax Reporter”, A Journal on Sales Tax, Agricultural Income Tax, Entry Tax,	21 Part XI	Nov.2013 (p.63 –76)	National	
2	“An Appraisal of the Methodologies of Revenue Neutral Computation”	Proceedings of the National Seminar conducted by the Dept. of Commerce, Govt. College, Kanjiramkulam,		Feb, 2015	National	
Books authored						
Sl No	Name	Title	Co-authors	Chapters	Publishers	ISBN/ISSN
1	Ms. Sunpriya Balachandran	“An Appraisal of the Methodologies of Revenue Neutral Computation”		Proceedings of the National Seminar on the topic “GST Implementation: Problems and Prospects”		
Books edited						
2	Ms. Mary Alice G	Empowerment of Women: Challenges and prospects A Socio economic perspective	Co-author		Parvathy Menon	978-81-929756-0-3
Conference papers						
Sl No.	Name of the Faculty	Title of the Paper	National /International /Regional		Year	
1	Ms. Sunpriya Balachandran	“Moving to GST in India: An Appraisal of the Methodology for the	National Seminar on “Goods and Services Tax: Prospects and		Feb 2015	



		Computation of RNR”	Pragmatism” organized by the Dept. of Commerce, Govt. College, Kanjiramkulam,	
2	Ms. Sunpriya Balachandran	GST Implementation: What Can India Learn from the International Experience?	National Seminar on Goods and Services Tax in India : Economic and Legal Issues .	Feb 2013

19. Areas of consultancy and income generated

Consultancy Service	Amount generated
Kaushal All Saints’ Kaushal All Saints’ is the ‘start – up’ initiative under “Women on Wings” to impart skill enhancement and crafts making training to the students on the manufacture of various handicrafts and other value added products.	Free Service
Kaushal Shiksha Abhiyan: The trained student volunteers of ‘Women on Wings’ take the lead in imparting lessons of skill enhancement training to the socially marginalized, deprived, disadvantaged and weaker sections of the society	Free Service

20. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards
- Ms. Mary Alice G. was the external Examiner for evaluation of ISC Projects of Holy Angels Convent, Thiruvananthapuram in January 2014.
- Ms. Mary Alice G. was the Exam Superintendent of the University Exam from 2013 – 2015.
- Ms. Mary Alice G. was the Deputy Chairman of the Sixth and Third Semester Examinations of BA Degree Programme of the Kerala University 2014 – 15.
- Ms. Mary Alice G. was in the Pass Board of the Sixth Semester Exam Results of 2015 of the Kerala University.

21. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: NIL

22. Awards/ Recognitions received by faculty and students

Awards/ Recognitions received by the faculty

- Ms. Sunpriya Balachandran - Assisted in a Major Project undertaken by the Gulati Institute of Finance and Taxation (GIFT) and Sponsored by the Department of Tourism, Government of Kerala, titled “Grand Kerala Shopping Festival: An Evaluation” and helped drafting and organizing the Project Report.
- Ms. Sunpriya Balachandran - Resource Person in the “National Seminar on Goods and Services Tax: Prospects and Pragmatism” organized by the Commerce Department of the K N M Govt. Arts Science College, Kanjiramkulam on 6th and 7th February 2015.

Awards received by the students



- Our students actively participated in the NSS Camp and Kalevani K. of DC III Economics secured a prize for being a regular blood donor on World Blood Donor Day, 14 June 2011.
- Sherin J. won the IInd Prize for Malayalam elocution competition organized by Therumo Penpol.
- Geethu G. has participated in the Residential Training on Life Skills Development conducted by the Centre for Adult, Continuing Education and Extension and National Service Scheme, University of Kerala.
- Renjini M.A. was the Team Member of the Kerala University Cricket and Softball team and won Third Prize in the Javelin Throw.
- Vinita C of DC III Economics got selected to All India Inter University Football Team.
- Shruthy Gopan of DC III Economics got selected to the Kerala University Handball Team.
- Sreeja R. of DC III Economics was selected as the best NSS volunteer.
- Haripriya P Nair was a member of the All Saints' College team which secured second place in the Kerala University Inter – Collegiate (Inter Zone) Handball (Women) Tournament held at St.Xavier's College, Thumba from 18th to 19th November 2011 for the year 2011.
- Haripriya P Nair was a member of the All Saints' College team which secured second place in the Kerala University Inter – Collegiate (Inter Zone) Football (Women) Tournament held at University Stadium on 29th October 2011 for the year 2011.
- Haripriya P. Nair represented Kerala University Handball (women) team which participated in the South Zone Inter University Handball (women) Tournament, organized by 'Kakatiya University, Warangal from 13th to 17th January for the year 2012.
- Haripriya P. Nair participated as Player in the 17th Inter – Zonal Handball Championship, Bhilai, Chhattisgarh.
- Stephila K. was a member of the All Saints' College team which secured second place in the Kerala University Inter – Collegiate (Inter – Zone) Cricket (W) Tournament held at Christian College, Chengannur on 19th and 20th September 2012.
- Stephila K. was a member of the All Saints' College team which secured third place in the Kerala University Inter – Collegiate (Inter – Zone) Base ball (W) Tournament held at University Stadium, Trivandrum on 24th and 25th March 2013.
- Geethu G participated in the Youth Camp conducted by Ramakrishna Mission in association with Dept. of Sports and Youth Affairs, Government of Kerala on 13th January 2013 at Ramakrishna Sarada Mission as part of the 150th Birth Anniversary Celebrations of Swami Vivekananda.
- Lubna Hilmy S. Participated in the Youth Festival held at Mavelikkara from 27th February to 3rd March 2013. Her College team has won Third place in Mime.
- Meera S. of DC III Economics bagged the I Place in BA Economics in the Kerala University in the year March 2013.



- Stephila K. was a member of the All Saints' College team which secured second place in the Kerala University Inter – Collegiate Football (W) Tournament held at L.N.C.P.E., Kariavattom on 8th October 2013.
- Stephila K. was a member of the All Saints' College team which secured third place in the Kerala University Inter – Collegiate Handball (W) Tournament held at L.N.C.P.E., Kariavattom on 29th to 31st October 2013.
- Stephila K. was a member of the All Saints' College team which secured third place in the Kerala University Inter – Collegiate Cricket (W) Tournament held at L.N.C.P.E., Kariavattom on 9th to 10th September 2013.
- Stephila K. was a member of the All Saints' College team which secured third place in the Kerala University Inter – Collegiate Baseball (W) Tournament held at Medical College Ground, Thiruvananthapuram on 1st October 2013.
- Haripriya P. Nair represented Kerala State in the Game of Hand ball in the 39th National Women Sports Competitions held at Hyderabad from January 27 – 30, 2014.
- Haripriya P. Nair was a member of the All Saints' College team which secured third place in the Kerala University Inter Collegiate Handball Tournament held at L.N.C.P.E. , Kariavattom on 29th to 31st October 2013.
- Haripriya P Nair represented Kerala University Handball (W) team which participated in the Inter University (South Zone) Handball (W) Tournament organized by Bharathi Dasan University, Thiruchirappalli from 9th to 13th November 2013.
- Haripriya P. Nair was a member of the All Saints' College team which secured third place in the Kerala University Inter – Collegiate (Inter – Zone) Cricket (W) Tournament held at L.N.C.P.E., Kariavattom on 9th to 10th September 2013.
- Kiran Moses represented Kerala University Cricket (W) Tournament, organized by Karnataka State Women's University, Bijapur from 5th to 9th November 2013.
- Ms. Devaki Ramesh of DC I Economics secured III Prize in the Group Singing Competition organized by Alliance Francaise de Trivandrum.
- Jaynee Joseph has won first prize in the Skit Competition conducted by the Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Government of Kerala in connection with the 4th Eco- Youth Festival held from 18th to 22nd of July 2014 at the University Students Centre, Thiruvananthapuram.
- Jaynee Joseph won second prize in the story writing Competition conducted by the Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Government of Kerala in connection with the 4th Eco- Youth Festival held from 18th to 22nd July 2014 at the University Students Centre, Thiruvananthapuram
- Helda susan shaji and Helen Mary Shaji of Economics received I prize in Inter-University competition on Water Resources Management at regional level conducted by Teri university, Delhi and got selected for National level competition



23. List of eminent academicians and scientists / visitors to the department

Economics				
2010-11				
Name of Academician/ Scientist	Designation	Organisation	Event	Date
Dr. Mridula Nair	HOD, Dept of Psychology	M. G. College, Trivandrum	Lecture Series I - "Women Empowerment"	2010
Dr. Pushpangadan	Professor, Centre for Development Studies	Centre for Development Studies, Trivandrum	Lecture Series II - "Decentralized Planning in Kerala"	2010
Dr. Jayaprakash	Director, College Development Council, University of Kerala	College Development Council, University of Kerala	Lecture on "Theory and Games of Probability"	2011
Dr. Sulekha	Controller of Examinations, University of Kerala	University of Kerala	Lecture Series I : "Research Methodology"	2011
Dr. Mithra T. IAS	Sub Collector , Kollam	Sub Collector, Kollam	Lecture Series II "Personality Development"	2011
Dr. Alwin Prakash	Chairman, State Finance Commission	Finance Commission	One Day Regional Seminar on " Human Rights"	2010
Dr. Gopakumar	Vice Chancellor, Central University of Kerala, Kasaragod (formerly HOD, Political Science, University of Kerala)	Central University of Kerala	One Day Regional Seminar on " Human Rights"	2010
Adv. Ravi Punchakkara	Advocate	Sessions Court, Vanchiyoor	One Day Regional Seminar on " Human Rights"	2010
Mr. Gopinathan Nair	Chairman, Kerala Gandhi Smaraka Nidhi	Kerala Gandhi Smaraka Nidhi	Lecture on "the Life and Message of Mahatma Gandhi"	2010
Dr. Kunhamman	Professor, University of Kerala	University of Kerala	Lecture Series I : Indian Economy since Independence	2010



Dr. Ramalingam	Associate Professor, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation	Lecture Series II : “International Financial Reporting Standards”	2010
2011 – 2012				
Prof. Ramadas	Chairman, Kerala Gandhi Smaraka Nidhi	Kerala Gandhi Smaraka Nidhi	Inauguration of Economics Association, 2012 and Lecture on “Relevance of the Gandhian Model of Development to the Indian Economy”	2012
Prof. Irudaya Rajan	Professor, Centre for Development Studies	Centre for Development Studies	Lecture Series I - “Global Financial Crisis: Reflections and Revival”	2012
Dr. Jayaprakash	Director, College Development Council, University of Kerala	College Development Council, University of Kerala	Lecture Series II : Performance of Indian Economy in the Post Globalization Era	2012
2012 – 2013				
Prof. Narayanan	Prof (Retd), Government College for Women	University College	Inauguration of Economics Association, 2012 and Lecture on “Euro Zone Crisis: Impact on Indian Economy”	2013
Dr. Anuradha Balram IES	Member, State Planning Board	State Planning Board	Lecture Series I - “Kerala Model of Development”	2013
Dr. Gopakumar K	Professor, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation	Lecture Series II - Tax Reforms in India in the Post Globalization Era	2013
2013 – 2014				
Dr. Manju S Nair	HOD , Department of Economics, University of Kerala	University of Kerala	Two Day National Seminar on “Women Empowerment”	2014
Dr. J. Devika	Professor, Centre for Development Studies	Centre for Development Studies	Two Day National Seminar on “Women Empowerment”	2014
Dr. Christabel P J	Professor, Future Studies	Future Studies	Two Day National	2014



	Department	Department, University of Kerala	Seminar on "Women Empowerment"	
Dr. Praveena Kodoth	Professor, Centre for Development Studies	Centre for Development Studies	Two Day National Seminar on "Women Empowerment"	2014
Smt. Aruna Sunderrajan, IAS	Managing Director, KSIDC	KSIDC	Two Day National Seminar on "Women Empowerment"	2014
Dr. Madhava Menon	Chairman, NLSIU	NLSIU	Two Day National Seminar on "Women Empowerment"	2014
Dr. Jose Sebastian	Professor, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation	Inauguration of Economics Association, 2014	2014
Dr. Mary George	Member, Kerala State Public Expenditure Review Committee	Kerala State Public Expenditure Review Committee	Lecture Series I on "State Finance in Kerala : An Evaluation"	2014
Dr. Jose Jacob	Director, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation	Lecture Series II – An Evaluation of Local Finance and Service Delivery in Kerala	2014
2014 -2015				
1. Dr. Nagaraja Naidu (Panel Member 1) 2. Dr. Narayana (Panel Member 2) 3 .Dr. Thomas Moonnanakuzhy (Panel Member 3)	Member, Public Expenditure Review Committee Professor (Rtd.), Centre for Development Studies Registrar, Gulati Institute of Finance and Taxation	Public Expenditure Review Committee, Govt of Kerala Centre for Development Studies, Trivandrum Gulati Institute of Finance and Taxation, Govt of Kerala	Organized a Panel Discussion on Union Budget 2014.	2014
Dr. Mary George	Member, Public Expenditure Review Committee	Public Expenditure Review Committee, Government of Kerala	Lecture Series I : Food Security Act in India	2014



Dr. K Pushpangadan	Professor (Rtd.), Centre for Development Studies	Centre for Development Studies, Thiruvananthapuram	Lecture Series II : Kerala's Development Experience in the Post Globalization Era	2014
Dr. K Gopakumar	Professor, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation, Government of Kerala	Lecture Series III : Problems and Prospects of GST Implementation in India	2014
Dr. Manju S Nair	Professor, Department of Economics, University of Kerala	Department of Economics, University of Kerala	Colloquium on "Indian Agriculture in the 21st Century : Problems, Prospects and Opportunities"	2014
Dr. C G Gopala Pillai, Managing Director, KINFRA	Managing Director	KINFRA	Lecture Series IV : Industrialization of Kerala: Prospects for the Next Decade	2014
Dr. Jose Sebastian,	Professor, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation, Govt of Kerala	Lecture Series V: The Financial Crisis of Kerala: Causes and Cure	2014
Dr. Syam Prasad	Professor, Dept of Economics, Central University of Kerala	Dept of Economics, Central University of Kerala	Lecture Series VI : "The Future of Kerala Migration"	2014
Dr. Jose Jacob	Director, Gulati Institute of Finance and Taxation	Gulati Institute of Finance and Taxation, Govt of Kerala	Lecture Series VII : Kerala Economy: Performance, Problems and Prospects	2015
Dr. B Alwin Prakash	Chairman Fifth State Finance Commission Kerala.	State Finance Commission Kerala.	Lecture Series VIII : An Evaluation of Local finance and Service Delivery in Kerala	2015
Prof. Nagaraja Naidu	Member, Public Expenditure Review Committee	Public Expenditure Review Committee	National Statistics Day Celebrations	2015
Prof. Khyrunnisa	Professor (Rtd), All Saints'	All Saints' College	Reading Day Celebrations	2015



	College			
Shri. N Balagopal	Vice Chairman, P N Panicker Fouondation	P N Panicker Foundation	Digital Literacy Drive, Total e- literacy campaign in the College	2015
Shri. E J Francis	Senior Scientist (Retd.), Vikram Sarabhai Space Centre, Trivandram	Vikram Sarabhai Space Centre, Trivandrum	One Day Workshop on 'Skilling the Girl Youth for Productive Employment'	2015
Shri. N Balagopal	Vice Chairman	P N Panicker Foundation	Inauguration of "Women on Wings", the Innovation Centre for Skill Development Training and Upgradaton	2015

24. Seminars/ Conferences/ Workshops organized & the source of funding

Title of Workshop/ Trainings etc.	Year	Target group	Focal theme	Funding agency
One Day Regional Seminar on Human Rights	2010	Students, Academicians, Research Scholars	Human Rights Protection	UGC
National Seminar on Women Empowerment : Problems and Prospects, jointly organized by the Departments of History and Economics	2014	Students, Academicians, Research Scholars	Women Empowerment	UGC
One Day Workshop on "Skilling the Girl Youth for Productive Employment"	2015	Students, Academicians, Research Scholars	"Skilling the Girl Youth for Productive Employment"	P N Panicker Vigyan Vikas Kendra, Govt of Kerala
Skill Development Training Programme named "Kaushal All Saints"	2015	Students of the College	Skill Enhancement and Crafts making Training	P N Panicker Vigyan Vikas Kendra, Govt of Kerala

25. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2010-2011	BA Economics	708	75		75	64
2011-2012	BA Economics	1381	75		75	97
2012-2013	BA Economics	1684	75		75	89



2013-2014	BA Economics	2437	75		75	76
2014-2015	BA Economics	2222	75		75	94

26. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	BA Economics	100	Nil	Nil
2011-2012	BA Economics	99	1	Nil
2012-2013	BA Economics	99	1	Nil
2013-2014	BA Economics	99	1	Nil
2014-2015	BA Economics	100	Nil	Nil

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NET – 12; SLET – 17

28. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	19	26	27	25	24
PG to M.Phil	-	-	-	-	-
PG to Ph.D	-	-	-	-	-
On Campus	-	6.66	4	1.29	-
Off Campus	26.66	32.89	40	33.33	38.96

29. Details of Infrastructural facilities

a)	Library	123 Books
b)	Internet facilities for staff & students	Yes, one
c)	Class rooms with ICT facility	Yes, one

30. Number of students receiving financial assistance from college, university, government or other agencies

Name of Scholarship	Number of Students receiving financial assistance				
	2010 -11	2011 -12	2012 -13	2013 -14	2014-15
Central Sector Scholarship	-	-	1	1	1
Higher Education Council Scholarship	-	1	-	-	-
Suvarna Jayanthi Merit Scholarship	-	2	-	-	1
Fisheries Scholarship	44	46	43	42	41
E – Grant	16	18	16	15	15
Mohammed Koya Scholarship	3	3	3	-	3
University Merit Scholarship	1	1	1	-	1
Hindi Scholarship			1	1	1
State Merit Scholarship		1			1
Muslim Nadar Girls Scholarship	2	-	1	-	2



31. Details of student enrichment programmes (special lectures/workshops/ seminar) with external experts

Year	Resource Person	Programme
2010 -11	Dr. Alwin Prakash Chairman, State Finance Commission	One Day Regional Seminar on “Human Rights” on Sept.2010
	Dr. Gopakumar Vice Chancellor, Central University of Kerala, Kasaragod (formerly HOD, Political Science, University of Kerala)	One Day Regional Seminar on “Human Rights” on Sept.2010
	Adv. Ravi Punchakkara, Sessions Court, Vanchiyoor	One Day Regional Seminar on “Human Rights” on Sept.2010
	Dr. Mridula Nair, HOD, Dept of Psychology, M. G. College, Trivandrum	Lecture Series I- “Women Empowerment”, June 2010
	Dr. Pushpangadan, Professor, Centre for Development Studies, Trivandrum	Lecture Series II - “Decentralized Planning in Kerala”, July 2010
	Dr. Jayaprakash, Director, College Development Council, University of Kerala, College Development Council, University of Kerala	Lecture on “Theory and Games of Probability”, Sept. 2011
	Dr. Sulekha, Controller of Examinations, University of Kerala	Lecture Series I : “Research Methodology”, Oct. 2011
	Dr. Mithra T. IAS, Sub Collector , Kollam	Lecture Series II : “ Personality Development”, Nov. 2011
2011 - 12	Prof. Ramadas, Chairman, Kerala Gandhi Smaraka Nidhi	Lecture on “Relevance of the Gandhian Model of Development to the Indian Economy”, 10 Sept. 2012
	Prof. Irudaya Rajan, Professor, Centre for Development Studies	Lecture Series I -“Global Financial Crisis: Reflections and Revival”, Oct.2012
	Dr. Jayaprakash, Director, College Development Council, University of Kerala	Lecture Series II : Performance of Indian Economy in the Post Globalization Era, Nov. 2012
2012- 13	Prof. Narayanan, Prof (Retd), Government College for Women, Thiruvananthapuram	Lecture on “Euro Zone Crisis: Impact on Indian Economy”, Sept. 2013
	Dr. Anuradha Balram IES, Member, State Planning Board	Lecture Series I - “Kerala Model of Development”, Oct. 2013
	Dr. Gopakumar K., Professor, Gulati Institute of Finance and Taxation	Lecture Series II - Tax Reforms in India in the Post Globalization Era, Nov. 2013
2013- 14	Dr. Manju S.Nair, HOD , Department of Economics, University of Kerala	Two Day National Seminar on “Women Empowerment”, Jan. 2014
	Dr. J. Devika, Professor, Centre for Development Studies	Two Day National Seminar on “Women Empowerment”, Jan. 2014
	Dr. Christabel P.J, Professor, Future Studies Department, University of Kerala	Two Day National Seminar on “Women Empowerment”Jan. 2014
	Dr. Praveena Kodoth, Professor, Centre for Development Studies	Two Day National Seminar on “Women Empowerment” Jan 2014
	Smt. Aruna Sunderrajan IAS,	Two Day National Seminar on



	Managing Director, KSIDC	“Women Empowerment”, Jan. 2014
	Dr. Madhava Menon, Chairman, NLSIU	Two Day National Seminar on “Women Empowerment”, Jan. 2014
	Dr. Jose Sebastian, Professor, Gulati Institute of Finance and Taxation	Direct tax and its impact on the Economy Sept. 2014
	Dr. Mary George, Member, Kerala State Public Expenditure Review Committee	Lecture Series I on “ State Finance in Kerala : An Evaluation”, Nov.2014
	Dr. Jose Jacob, Director , Gulati Institute of Finance and Taxation	Lecture Series II – An Evaluation of Local Finance and Service Delivery, Jan. 2014
2014 - 15	Dr. Nagaraja Naidu, Member, Public Expenditure Review Committee, Govt of Kerala	Organized a Panel Discussion on Union Budget 2014, June 2014
	Dr. Narayana, Professor (Rtd.), Centre for Development Studies, Trivandrum	
	Dr. Thomas Moonnanakuzhy, Registrar, Gulati Institute of Finance and Taxation	
	Dr. Mary George, Member, Public Expenditure Review Committee, Government of Kerala	Lecture Series I : Food Security Act in India, June 2014
	Dr. K. Pushpangadan, Professor (Rtd.), Centre for Development Studies, Thiruvananthapuram	Lecture Series II : Kerala’s Development Experience in the Post Globalization Era, July 2014
	Dr. K. Gopakumar, Professor, Gulati Institute of Finance and Taxation, Government of Kerala	Lecture Series III : Problems and Prospects of GST Implementation in India Aug. 2014
	Dr. Manju S. Nair, Professor, Department of Economics, University of Kerala	Colloquium on “Indian Agriculture in the 21st Century : Problems, Prospects and Opportunities”, Sept.2014
	Dr. C. G. Gopala Pillai, Managing Director, KINFRA	Lecture Series IV : Industrialization of Kerala: Prospects for the Next Decade, 15/10/2014
	Dr. Jose Sebastian, Professor, Gulati Institute of Finance and Taxation, Govt of Kerala	Lecture Series V: The Financial Crisis of Kerala: Causes and Cure Sept.2014
	Dr. Syam Prasad, Professor, Dept of Economics, Central University of Kerala	Lecture Series VI : “The Future of Kerala Migration” Dec.2014
	Dr. Jose Jacob, Director, Gulati Institute of Finance and Taxation, Govt of Kerala	Lecture Series VII : Kerala Economy: Performance, Problems and Prospects, Jan 2015
	Prof. Nagaraja Naidu, Member, Public Expenditure Review Committee	National Statistics Day Celebrations, 29 June 2015
	Prof. Khyrunnisa, Professor (Rtd), All Saints’ College	Reading Day Celebrations, 19 June 2015
	Shri. N. Balagopal, Vice Chairman,	E-Literacy Day 7 July, 2015



	P N Panicker Foundation, Government of Kerala	
	Shri. E.J. Francis, Senior Scientist (Retd.), Vikram Sarabhai Space Centre, Trivandrum	One Day Workshop on 'Skilling the Girl Youth for Productive Employment' July 2015

32. Teaching methods adopted to improve student learning
- Learner-centred Teaching
 - 'Warming' the Climate for Learning
 - Interactive lectures
 - The jigsaw technique
 - The gallery walk
 - Effective discussion
 - Concept sketches
 - Just-in-Time Teaching
 - ICT Enabled Teaching
 - Student Support Programme
 - Peer Teaching
 - Remedial Classes to weaker students
 - Providing Course Materials
 - Role-Playing Exercises
 - Encouraging the students to read newspapers, journals and search the Internet on current economic topics and hold discussions in the Class
 - Assessing Student Learning
 - Monthly Evaluation Tests
 - Weekly Evaluation (Oral)
 - Written and oral assignments such as papers, oral presentations, debates, simulations
 - Exams and quizzes
 - Grading rubrics
33. **Participation in Institutional Social Responsibility (ISR) and Extension Activities-**
- Mission All Saints' – Forum for Institutional Social Responsibility of the Department.
 - Literacy mission – One of the extension programmes of the department, envisaging:
 - **"Each One Teach One"**: the School Adoption Programme, our best practice for community engagement.
 - **'Shikshana'** – Adoption of Literacy Mission Centres in collaboration with the State Literacy Mission at selected places where the student volunteers take equivalency classes for the adult drop outs.
 - Go Digital – Total e – literacy campaign imparting basic computer literacy to the rural masses and other socially deprived sections of the society and to the women inmates of refugee homes of socially deprived as well as disabled women such as Mahilamandiram, Abhaya, Thanal, and Home for the Handicapped Women etc.
 - "Kaushal Shiksha Abhiyan" Under 'Women On Wings'- Learn a craft programme.
 - "See to Feel" programme of the department of Economics for the disabled and the disadvantaged.



- Go Green - Campaign for High – Tech Agriculture.
- “Be Alert”: Life Enrichment Education And Sensitization Programme
- “Janapatham”: Village Adoption Programme
- Swachh All Saints’ Campaign
- Coastal Life Enrichment Programme (CLEP)

34. SWOC analysis of the department and Future plans

STRENGTHS

- The Department is blessed with efficient and committed faculty
- They are also very keen in updating their knowledge and skill through various training programmes.
- The faculty maintains a teacher friendly approachable attitude among the students and gives them individual attention through mentoring and counseling.
- Vibrant, studious and disciplined students are the asset of the department.
- The faculty adopts ICT aided teaching–learning methods.

WEAKNESSES

- The Student teacher ratio in the department is very high; hence paying individual attention to students often becomes difficult.
- Most of the students are first generation learners. The economic strain and the low literacy levels of families prevent them from providing adequate guidance and support to their wards
- Insufficiency of time for the completion of syllabus
- Unforeseen holidays hamper number of teaching days

OPPORTUNITIES

- The new learning resources and the ICT facilities made available in the campus during the last 5 years is a real boon for the faculty and the students.
- Programmes like SSP offer tremendous opportunities to the department in the endeavour to identify weak students and provide them with the needy assistance for enabling them to tackle their learning intricacies effectively.
- To inspire the students to achieve newer heights we have constituted a team of faculty under the “Meet Your Mentor” Programme.
- Periodically organized seminars and talks by eminent scientists give awareness and guidance in emerging fields of science.
- Innovation Centres like “Women on Wings” offers vast opportunities for skill Development Training to the students so as to enable them to venture into micro enterprises.
- “Kaushal All Saints” imparts craft making training to the Students.
- Forums under the Department of Economics such as Prodigy, Economica, Mission All Saints’, Make in All Saints’, Lead All Saints’, Life Enrichment Education etc promote the overall development and well being of the student.

CHALLENGES

- Semesterisation
- Owing to great demand for the programme, the college is forced to admit students beyond the sanctioned strength through marginal increase which is a great challenge for the limited number of faculties to manage



- High dropout rates among students due to early marriages and pregnancy is another major concern.
- Majority of the students of the Department have their basic education in Malayalam medium and hence lag behind in communication skills and fluency in English language

FUTURE PLANS

- Add on Courses and Certificate Courses Sponsored by UGC
- Diploma Course and Certificate Courses in Business Management, Applied Managerial Economics, Stock Market, Graphic Design and Animation
- PG Course
- Seeking to establish links with Prominent Research Institutions
- Seeking to receive more grants from bodies like ICSSR for conducting Projects.
- Planning to set up an Entrepreneurship Development Cell
- Planning to initiate the Young Entrepreneurship Development Programme in collaboration with the Kerala State Industrial Development Corporation, Government of Kerala
- Planning to set up a micro enterprise unit named “Lead All Saints” under the Department of Economics.
- Planning to set up agriculture producer societies run by the student farmers of the college under the “Go Green” Programme
- Literacy Mission Activities to be extended to the vicinity of the College
- Extension Programme on Gender Sensitization
- More add on courses such as Fashion Designing, Tailoring, and Beautician Course etc.

DEPARTMENT OF HISTORY AND POLITICS

1. Name of the department : **History and Politics**
2. Year of Establishment : **1967**
3. Names of Programmes/ Courses offered: **UG- BA History and Politics**
4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Complementary course	Economics and Political Science
Open Course on ‘Empowerment of Women with special reference to India’	Other departments

5. Annual/semester/choice based credit system (programme wise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complementary courses	Economics
Language courses	English, Malayalam, Hindi and French
Open Courses	All departments



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
Professors		
Associate Professors		
Asst. Professors	4	4
Guest Lecturers		

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. students guided
Ms. Usha S (Retd.)	MA, M.Phil.	Asso.Prof. (Rtd)	International Relations	28	Nil
Ms. Lekha Rani M L	MA, B.Ed, M.Phil.	Asst.Prof. of History	Economic History	6	Nil
Ms. Parvathy Menon	MA, M.Phil.	Asst.Prof. of History	Etymology & Gender Studies	6	Nil
Ms. Vijaya Kumari K	MA, B.Ed, M.Ed	Asst.Prof. of History	Tribal Studies	3	Nil
Ms. Vidya Nair	M A, M.Phil.	Asst.Prof. of Political Science	International Relations	6	Nil

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
-	-	30	-	-	-	-	-	-	-

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	Core	75:1
	Complementary	75:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled NIL
15. Qualifications of teaching faculty

Name	Qualification
Ms. Lekha Rani M L	M.A., B.Ed, M.Phil.
Ms. Parvathy Menon	M.A., M.Phil.
Ms. Vijaya Kumari K	M.A., B.Ed, M.Ed
Ms. Vidya Nair	M.A., M.Phil.

16. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Vijaya Kumari K	Vijaya Kumari K	University Grants Commission	I Year	95,000



17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received
18. Research Centre/ facility recognized by the University: NIL
19. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Ms. Lekha Rani M L	1	-	3
Ms. Parvathy Menon	1	1	4
Ms. Vijaya Kumari K	-	-	6
Ms. Vidya Nair	5	-	-

Faculty	
Ms. Lekha Rani M L	Development of Coffee Plantations In Kerala-A Historical Perspective, South Indian History Congress Proceedings in 2013.
	Evolution of Temple Architecture In Kerala In 'Seek' The Interdisciplinary Research Journal of All Saints College, January-June, 2010
	Hegemony Of British Capital & Abolition Of Slavery In Travancore, SVASH Proceedings Of Vivekananda Cultural Institute, Thiruvananthapuram
	Plantation Hegemony and Women Workers in South India- Nineteenth century Scenario, Empowerment of Women: Challenges and Prospects- A Socio- Economic Perspective, UGC National Seminar held on 29 th & 30 th January 2014 at Tvm. ISBN; 978-81-929756-0-3
Ms. Parvathy Menon	Violence Against Women: The Kerala Scenario, Seek, The Inter Disciplinary Research Journal of All Saints' College, Vol.1, No.1, Thiruvananthapuram, January-June 2010
	Etymological Narrative- A Diachronic Mode Of Discourse: Prehistory of the Word Cura- A Case Study, Proceedings of the 38 th All India Conference of Dravidian Linguists, International School of Dravidian Linguists, International School of Dravidian Linguistics, Thiruvananthapuram, June 2010.
	Prof A Sreedhara Menon A Faithful Historian, Bharathapathrika, Vol.1, No.7-8, Thiruvananthapuram July-August 2010.
	A Study of The Place Name Pundravardhana, Proceedings of The Third International Congress on Kerala Studies, Thiruvananthapuram, January 2011.
	Eclogues on Orion, Proceedings of The International Seminar Conducted By Swami Vivekananda Association of Science And Humanities (SVASH), Thiruvananthapuram, April 2014
	Kudumbashree And Women Empowerment- The Kerala Experience, Empowerment of Women: Challenges And Prospects- A Socio-Economic Perspective, Edited and Published By Parvathy Menon, Thiruvananthapuram, January 2014. ISBN; 978-81-929756-0-3
	History Of Yoga With Special Reference to Its Role In The Prevention Of Lifestyle Diseases, Proceedings of the UGC Sponsored National Seminar organised by the Department of Physical Education, Edited By Divya S R, All Saints' College, Thiruvananthapuram, February 2014. ISBN: 978-81-910811-3-8
Ms. Vijaya Kumari K	First Communist Ministry of Kerala and Education, South History Indian Congress, 33 Annual Session Proceedings, Tvm, 2013-15 th - 17 th February 2013 ISSN 2229-3671



	Relevance of Swami Vivekananda's thoughts on Education In Today's World, Revisiting Swami Vivekananda's Vision For Facing The New Educational Challenges Compendium of Papers Presented At International Seminar organized In Connection With 150 The Birth Anniversary of Swami Vivekananda Organized By Kerala Gandhi Smaraka Nidhi And SPFERD held from 5 th -7 th September 2013. ISBN-978-81-926803-0-9.
	Interpreting The Issue of Sexual Exploitation And Unwed Mothers Among Tribal Women In Kerala, Published In South Asian Asymmetry- The Indian Panorama- Selections From Presentations In The International Seminar and 18th Annual Conference of Association of Third World Studies, South Asia Chapter organized at Gandhigram Rural University Dindigal, Tamil Nadu from 29 th November -1 st December 2013.
	Conceptualizing Empowerment Of Tribal Women In Kerala, Empowerment of Women: Challenges and Prospects- A Socio-Economic Perspective, UGC National Seminar held on 29 th &30 th January 2014 at Tvm. ISBN; 978-81-929756-0-3
Ms. Vidya Nair	U.N & The Environment: Challenges And Prospects in the Journal 'Social Science in Perspective', Vol.4, No.1, January-March 2012
	Role Of U.N In Promoting Human Rights in An Edited Book Titled 'Human Rights In A Changing World' Edited By P. Sukumaran Nair, Kalpaz Publications, Delhi, 2011
	U.N & Human Rights in Yojana, Vol.39, No.9, April 2011
	Political Empowerment of Women Through Decentralization: Myth or Reality In ISDA Journal, Vol. 21, No.1, January-March 2011
	Evolution Of World Trade Organization in "Seek" The Interdisciplinary Research Journal of All Saints' College, January-June 2010.
	Quality Interventions in Elementary Education in Kerala: An Appraisal, in ISDA Journal, Vol. 25, No.1, January-March 2015

Journal Publications						
Sl No	Title	Journal	Volume	Year	National/ International	Citation/ Impact/ h- Index
Ms Lekha Rani M L						
1	Evolution of Temple Architecture In Kerala.	'Seek'		2010	National	
Ms Parvathy Menon						
1	Violence Against Women: The Kerala. Scenario.	'Seek'		2010	National	
Ms Vidya Nair						
1	U.N & The Environment: Challenges And Prospects	'Social Science in Perspective'	4	2012	National	
2	Political Empowerment of Women Through Decentralization: Myth or Reality.	ISDA	21	2011	National	



3	Evolution Of World Trade Organization.	‘Seek’		2010	National	
4	Quality Interventions in Elementary Education in Kerala: An Appraisal.	ISDA	25	2015	National	
International Data Base						
Sl No	Year		Faculty			Database –Title
Book edited						
Sl No	Name	Title	Chapters	Publisher	ISBN/ISS N	
1	Parvathy Menon	Empowerment of Women: Challenges and Prospects- A Socio-Economic Perspective		Parvathy Menon	ISBN:978-81-929756-0-3	
Conference papers						
Ms Lekha Rani M L						
	Title of the paper		National/Internati onal/Regional		Year	
1	Creation of free and Unfree labour in Travancore, South Indian History Congress, Poondi,TamilNadu		National		28 Feb 2014	
2	State policy towards Plantations in Travancore, The Last Phase of Monarchy, Thiruvananthapuram		National		2013	
3	Bondage in freedom:colonial plantations and Kangany system in Travancore, Seventy fifth session of the Indian History Congress, Jawaharlal Nehru University, NewDelhi		National		28-30 Dec, 2014	
Ms Parvathy Menon						
1	Etymological Narrative- A diachronic mode of discourse: prehistory of the word cura- a case study, 38th All India Conference of Dravidian Linguists, International School of Dravidian Linguists, Thiruvananthapuram,		National		June 2010	
2	A Study of the place name Pundravardhana, 3 rd International Congress on Kerala Studies,Thiruvananthapuram		National		1-3 Jan, 2011,	
3	History of Sugar, National Archival Festival of The Kerala State Archives Department, Thiruvananthapuram.		National		27 Jan 2011	
4	Corruption Free Public Domain- A Dream Too Far, Introspecting Post Independent Kerala’, The Department of History, University of Kerala, Thiruvananthapuram		National		18, 19& 20 March 2013.	
5	Retrieving Ancient Geography from Toponyms: Pundravardhana A Study, 33 rd Annual Session of the South Indian History Congress, Thiruvananthapuram		National		15-17 Feb 2013	
6	Kudumbashree And Women Empowerment –The Kerala Experience’, All Saints’ College, Tvpm		National		Jan, 2014	



7	History of Yoga With Special Reference to Its Role in the Prevention of Lifestyle Diseases, All Saints' College, Tvpm	National	Feb, 2014
8	Eclogues on Orion, Swami Vivekananda Association of Science and Humanities (SVASH), Thiruvananthapuram	International	April 2014
9	Education As A Catalyst In The Democratization of Kerala, Dept.of History, University of Kerala, Thiruvananthapuram	National	16-18 March 2015
10	Role of Education In the Democratic Culture of India, School of Distance Education, University of Kerala, Thiruvananthapuram	National	23-24 March 2015
Ms Vidya Nair			
1	Right to Education: Maintaining The Needle Balanced, VTMNSS College, Dhanuva Chapuram, Trivandrum	National	26 March 2013
Ms Vijaya Kumari K			
1	Reforms of First Communist Ministry of Kerala in the Spectrum of Education-A Reappraisal, South Indian History Congress, Thiruvananthapuram, Kerala	National	Feb 15-17, 2013
2	Quality Higher Education-Problems & Prospects Introspecting Post Independent Kerala', The Department of History, University of Kerala, Thiruvananthapuram,	National	18,19& 20 March 2013
3	Relevance of Swami Vivekananda's Thoughts on Education in Today's World, Gandhi Bhavan Hall, Thycaud, Thiruvananthapuram, Kerala	International	Sept 5 to 7, 2013
4	The Struggle for Right to Life: The case of Tribal community in Kerala, VTMNSS College, Dhanuva Chapuram, Trivandrum	National	25-26 March 2013
5	Interpreting The Issues of Sexual Exploitation and Unwed Mothers Among Tribal Women in Kerala, Gandhigram Rural University Dindigal, ATWS South Asia Chapter,Tamil Nadu	International	Nov 29 to Dec 2013
6	Micro Finance- A Dream for the Tribal Women In Kerala With Special Reference To Primitive Tribal Groups of Kasaragod, All Saints' College,Tvpm	International	Feb 7, 2014
7	Marginalisation of Tribes In Kerala, Dept of History, University of Kerala	National	16-18 Jan, 2014
8	Koregas- Unsung Voices In History, Senate Chamber,University of Kerala	International	July 17,18 & 19, 2014
9	Women Empowerment among Primitive Tribal Groups of Kerala, All Saints' College, Thiruvananthapuram	National	29 & 30 Jan, 2014
10	Impediments to the Education of Tribal Children- Koragas Of Kasaragod- A Case Study, ATWS South Asia Chapter, SSUS, Kalady	International	10 to 12 Dec, 2014
11	Conquering Communalism Through Universal Philosophy For a Secular State: a Study In Historical Perspective	National	21 st and 22 nd Aug 2014
12	Metaphysics- as a Philosophical Perspective to Educational Thought, SN College Chempazhanchy	Regional	9 th and 10 th Dec 2014



13	Historical Subjugation and Extinction — Cultural identity of Koragas Seventy fifth session of the Indian History Congress, Jawaharlal Nehru University, NewDelhi	National	28 th Dec to 30 th Dec 2014
14	Challenges of Studying Social Science in Contemporary Scenario School of Distance Education, University of Kerala, Thiruvananthapuram	National	23-24 March 2015

20. Areas of consultancy and income generated

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

- Ms. Parvathy Menon is a Member of the Board of Studies, Lady Doak College (Autonomous), Madurai (January 1, 2015-December 30, 2016)
- Ms. Parvathy Menon, Lekha Rani ML & Vijaya Kumari K are Life Members of South Indian History Congress & Members of Indian History Congress

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**

- As prescribed by the Kerala University CBCSS syllabus introduced from June 2010 onwards, a group project work is to be done compulsory by the students of the Final year B.A History under the guidance of the faculty in the Department on a topic relevant to the subject.

b) Percentage of students placed for projects in organizations outside the institution ie. In Research laboratories/Industry/ other agencies: NIL

23. Awards/Recognitions received by faculty and students

Awards received/ Talks given by the faculty

- Parvathy Menon gave a Talk to the students of the PG & Research Dept. of History, Lady Doak College, Madurai (Autonomous) on the topic “The Relevance of the study of History”, on 26th February, 2015.
- Parvathy Menon was the Chief Guest of the Women’s Day celebrations at Christ College, Vizhinjam. Parvathy Menon also gave a Talk on the topic “International Women’s Day” on March 8, 2015.
- Vidya Nair gave a Talk on “E Governance” in the Dept. of Political Science, University of Kerala on 7th July 2012.

Awards received by the students

- Ann Mary & Neethu Mohan, students of 2007-10 batch secured I & II Ranks respectively for the BA History University examination -2010.
- Diana of DC III History was a member of the Team which won II prize for Margam Kali at the Kerala University Youth Festival held at Attingal - 2011.
- Divya A of DC II History was elected as Students’ Councillor and she held the post from June – August 2011.
- Divya A was also the Executive Council member in the Kerala University Union for the academic year 2011-12.
- Divya A and Anjana A S of DC II History were selected for the All India Handball Inter University Championship.



- Chinchu Shekhar of DC I History and Preetha Jerald of DC II History were selected for Kerala University Football team.
- Sruthi S of DC III History served as the DC III representative in the College Union during the academic year 2011-12.
- 1st Prize for Inter-collegiate Handball Meet held on 10th October 2012. Team Captain-Divya A, DC II History. Six members of the team were from the History Department.
- 2nd Prize-Kerala University, Inter-collegiate Cricket Meet in September. The Team members included Divya A, Chinchu Shekhar, Annakkutty and Joby S.J of the History Department.
- Divya A represented Trivandrum District for State Junior Hand Ball Tournament held at Kannur. She came 2nd for Women's State Tournament held at Palakkad.
- Divya A was selected for the Kerala State Women's Hand Ball Team.
- Four Students from the History Department contested the Union elections this year and won. Angel Asokan of DCII History as Arts Club Secretary, Sahila as DCII Class Representative, Abshana Jamal of DCI History as Union Councillor and Joby S.J of DCI History as Sports Secretary.

Inter-Collegiate Sports (2013-2014)

- Chinchu Sekhar, Sheeba (DCIII History), Annakkutty & Jobi S.J (DC II History) & Nimisha (DC I History) won Third place in Cricket.
- Annakkutty, Jobi, Raji, & Nimisha won Second for Football.
- Annakkutty & Jobi won Third for Baseball & Softball
- Chinchu Sekhar & Sheeba won Third place for Handball.
- Annakkutty & Jobi participated in Volleyball
- Annakkutty & Jobi participated in Baseball.
- Sheeba participated in Football & Handball.

Nationals – Sports (2013-2014)

- Chinchu participated in Football at the National Games held at Goa.
- Jobi participated in Rugby at the National Games. She will be attending the National camp.
- Nimisha Raj of DC I History was elected as Sports Secretary at the College Union Election.
- The students of the department actively participated in the college events like Freshers' Day, Onam celebrations, Christmas celebrations, College Cultural Fest etc. They took part in solo song, dance, Doubles, Mimicry, Best Buddies, Mehndi Designing, Debate, On the Spot Choreography, Hair do, Group song etc. for the Cultural Fest and won prizes. Keerthy & Abhirami of DC II History won prize for Hair do competition.
- The team consisting of Ajia A & Group of DC I History, won the first place for X'Mas tree decoration, during the Christmas celebrations. Ajia and Team won the second prize for the inter-departmental Poster making competition organized by the History & Politics Dept. in connection with the Human Rights Day.
- Ajia got the consolation prize for the Poster making competition on Human Rights violations conducted by the Law College, University of Kerala.



- The team consisting of Lakshmi Priya, Priyanka, Jeshma, Thasneema & Ajia of DC I History, bagged the second prize for Kappa TV's 'Shoot an Idea' programme held in the college.
- Ajia featured in the photo shoots of Mathrubhoomi (NSS Programme) & Kerala Kaumudi (on Kerala Piravi, November 1)
- Ajia, Neethu Maria James, Joshi Joseph & Apsina of DC I won the second place and Jeshma Jayakumar, Priyanka, Ali Fathima & Thasni of DC I won the third place for Collage conducted during the National Integration Programme.
- Jeshma Jayakumar & Ashwathi B of DC I History, won the first place for Malayalam Debate, while, Ferzein and Priya Kumari of DC II History won the first place for Hindi Debate.
- Ajia A of DC II History came First in the University for I Semester, with an overall CGPA of 8.43.
- Neethu Maria Edayan, Soniya Victor & Nimisha Raj of DC II History were elected as General Secretary, DC II Representative & Sports Secretary, respectively, at the College Union election of this academic year.
- Joby S J of DC III History was a member of the Rugby Team which won the **Third place in the National Games** held at Tvpm in January 2015.
- Annakkutty & Jisha of DC III History were members of Football, Volleyball, Cricket, Baseball, Hockey & Softball events for Inter Collegiate Competitions & won II, III, I, III & III prizes for the college respectively, for these events. Annakkutty also got Inter University selection for Football & Volleyball and University selection for Football. Jeshma Jayakumar of DCII History won the second place for the Inter Collegiate Boxing competition conducted by ACE College of Engineering, Thiruvallam, Thiruvananthapuram.
- Pravitha & Sumi of DC I History were selected for Baseball and Softball for University level competitions and for Football for Inter university level. Nimisha Raj of DC II History, secured III place for Cricket in the Inter University level.
- In the College Sports Meet, the students of History Dept. won first place for Volleyball & Football & second place for Badminton Doubles.
- In the College Cultural Fest, the Team consisting of Lakshmi Priya of DC I History & Ferzein of DC III History won the First place for Hindi Debate.
- The department won the overall trophy for four consecutive years for maximum points in College Annual Sports.

24. List of eminent academicians and scientists / visitors to the department

Sl.No	Name	Designation	Date
1	Padma Ramachandran	Former Chief Secretary, Govt of Kerala	August 10, 2010
2	Dr Manju S Nair	Associate Professor Of Economics, University Of Kerala, Kariavattom	October 16, 2010
3	Dr Rajendran	UGC Scientist & Archaeologist, Dept. Of History, University Of Kerala, Kariavattom	July 7, 2010



4	Dr Karthikeyan Nair	Former Director, Higher Education Council, Former H.O.D., Dept. Of History University College, Tvm	January 28, 2011
5	Dr J Devika	Associate Professor Of History Centre For Development Studies, Thiruvananthapuram	August 4, 2011
6	Dr N Radhakrishnan	Working Chairman Of Kerala Gandhi Smaraka Nidhi Thiruvananthapuram	December 21, 2011
7	Dr TP Sankarankutty Nair	Former H.O.D., Dept. Of History University College, Tvm	August 10, 2012
8	Dr Mridula	HOD, Dept. of Psychology, MG College, Tvp	February 1, 2013
9	Prof B Vasumathy Devi	Former H.O.D., Dept. Of History University Of Kerala, Tvm	July 22, 2013
10	Elias John	Political Journalist & Media Personality	July 22, 2013
11	Ms Aruna Sundararajan IAS	Addtl. Chief Secretary, Govt Of Kerala & M D, Ksidc, Thiruvananthapuram	January 29, 2014
12	Dr Surya Kumari A	Former Prof. & Head, Dept. Of History, Mother Teresa Women's University, Kodaikanal	January 29, 2014
13	Prof. Dr. N R Madhava Menon	IBA-CLE Chair In Continuing Legal Education, Nlsiu Bangalore	January 29, 2014
14	Dr Praveena Kodoth	Associate Professor Of History Centre For Development Studies, Thiruvananthapuram	January 30, 2014
15	Dr Christabell PJ	Associate Professor, Dept Of Futures Studies University Of Kerala, Thiruvananthapuram	January 30, 2014
16	Aleyamma Vijayan	Secretary, Sakhi Women's Resource Centre. Thiruvananthapuram	January 30, 2014
17	Dr T N Seema	Member Of Parliament	January 30, 2014
18	B Sudheendra Kumar	District Judge & Chairman Of Legal Service Authority	February 14, 2014
19	Pratheep kumar	Secretary Of Legal Service Authority	February 14, 2014
20	Dr B Sandhya IPS	Additional Director General Of Police	February 24, 2014
21	Dr M A Siddique	Assistant Professor, Department Of Malayalam, Karyavattom College	February 24, 2014
22	Dr Geetha Rani	Former Chairman, Syllabus Restructuring Committee & Former Principal Govt, College For Women	August 6, 2014
23	Major Toshya	Pangode Military Camp	December 11, 2014



24	Dr Mohammed Maheen	H.O.D., Dept. Of History, University Of Calicut, Calicut	January 30, 2015
25	Jojo Mathews	IAS Faculty	December 12, 2014 & February 7, 2015

25. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International /National	Date	Funding Agency
1	Swadeshi Training Programme		11 October 2011	Gandhi Bhavan, Thycad
2	Exhibition		1 March 2012	The Kerala State Archives Department
3	"Empowerment Of Women- Challenges & Prospects- A Socio-Economic Perspective"	National	29 & 30 January 2014	UGC

26. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled *F	Pass percentage
2010-2011	BA	1005	78	78	42
2011-2012	BA	1018	73	73	52
2012-2013	BA	1129	75	75	74
2013-2014	BA	1693	76	76	75
2014-2015	BA	1517	75	75	79

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2009-2010	-	-	-	-
2010-2011	-	-	-	-
2011-2012	-	-	-	-
2012-2013	DC I History	1	99	-
2013-2014	DC II History	1	99	-

28. How many students have cleared national and state competitive examination ssuch as NET, SLET, GATE, Civilservices, Defense services, etc.

NIL

29. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	10.25	12.32	12	15.78	15.38
Campus	1.28	2.73	4	1.31	1.28
Other than Campus	15.38	20.54	16	13.15	12.82
Self employed	15	18	19	16	15

30. Details of Infrastructural facilities

a)	Library	The History department Library has 50 books. Reference text books and of Students' Projects are present in the library. Specimen copies of the newly
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		published books received from various publishers are also kept in the library. Students are allowed to utilize the books and projects.
b)	Internet facilities for staff & students	Internet connection is provided for the department computer which is used by both the faculty and the students of the department.
c)	Class rooms with ICT facility	A classroom with LCD facility is provided for the students of the Department. The ICT facility is being utilized by the faculty for taking classes and also for organizing seminars in the Department. The students are assigned topics and are asked to prepare power point presentations for seminars.

31. Number of students receiving financial assistance from College, University, Government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	1	2			2
Suvarna Jayanthi Merit	2	2	1		2
Fisheries Scholarship	48	49	46	44	35
E-Grant	17	20	17	15	30
Mohammed Koya Scholarship				1	
Single Girl Child Scholarship				1	

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts

- Release of the Manuscript magazine titled 'Paithrukam', exhibiting the manifold talents of the History students on August 4, 2011.
- Swadeshi Training Programme under the auspices of Gandhi Smaraka Nidhi. Practical Training given to the students on how to manufacture cleaning lotion and on October 11, 2011.
- One day educational programme organised by Gandhi Peace Foundation, Trivandrum included a talk on Gandhiji and his philosophy, Gandhi museum visit, movie screening on India's freedom struggle, quiz, discussions and debates.
- A two day activity, based on the theme 'War and Peace' on January 23 and 24, 2012.
- Exhibition of the Posters and Collage on January 24.
- Programme to create awareness among the students on the significance of the Republic Day on January 25.
- Republic Daycelebrations.
- Exhibition in collaboration with the Kerala State Archives Department on March 1, 2012
- The National Integration Programme organised annually in connection with the Independence Day from 2012 onwards.
- Independence Day celebrations.
- Special assembly on Martyr's Day-30th January 2013, highlighting Gandhiji's Life and Message.
- Republic day celebrations on 26th January 2013.



- Special assembly conducted in the college on Martyr's Day-30th January 2013, on Gandhiji's Life and Message. This included speeches on Gandhi's life and teachings and relevant songs'.
- Two day UGC sponsored National Seminar jointly organized by the Departments of History and Economics on January 29 & 30, 2014. The theme was "Empowerment of Women: Challenges and Prospects- A Socio-Economic Perspective".
- Legal Awareness Programme for students in liason with District Legal Services Authority, Tvp. On February 14, 2014.
- Campus Debate organized by The Trivandrum District Library Council, on February 24, 2014.
- Study tours to places of historical importance like Hyderabad, Mysore etc.
- Presentation on the contributions of the Indian Army in I World War under the leadership of Major Toshya of Pangode Military Camp on December 11, 2014 along with a Photograph Exhibition
- Civil Service Orientation Programmes for the civil service aspirants of the college, by Eten Academy, a sister concern of the Pearson Group on December 12 2014 & February 7, 2015.
- Inter –Departmental Quiz conducted on the topic 'Indian History & Indian Constitution 'in connection with the Republic Day on January 23, 2015

Year	Resource Person	Programme
2010	Padma Ramachandran, Former Chief Secretary, Govt of Kerala	Inaugural Talk on the importance of 3 Rs- Reading, Writing & Arithmetic
	Dr Manju S Nair, Associate Professor Of Economics, University Of Kerala, Kariavattom	Talk for the students
2011	Dr Rajendran UGC Scientist & Archaeologist, Dept. of History, University of Kerala	Inaugural speech on the Importance of Archaeology in the study of history
	Dr Karthikeyan Nair, Former Director, Higher Education Council, Former H.O.D., Dept. Of History University College, Tvm	Talk on Stages in the historical process
	Dr. Devika J, Associate Professor in History, Centre for Development Studies, Tvp	Inaugural Talk on the Importance of the study of History
	Dr N Radhakrishnan Working Chairman Of Kerala Gandhi Smaraka Nidhi Thiruvananthapuram	Special Lecture On the Educational Ideas Of Tagore & Gandhi
2012	Dr. T.P. Sankarankutty Nair, Historian	Inaugural Talk on Transitions in Kerala History
	Smt. Mridula, HOD, Department of Psychology, M.G. College	Talk on Gender Sensitisation
2013	Elias John Political Journalist & Media Personality	Seminar On Possibilities Of Vizhinjam Port
	Prof. Vasumathi Devi, Former Head of the Department of History, University of Kerala	Inaugural Talk on Recent trends in history writing



	Elias John Political Journalist & Media Personality	Seminar On Possibilities Of Vizhinjam Port
2014	Ms. Aruna Sundararajan, Additional Chief Secretary, Govt. of Kerala & MD, KSIDC.	Inaugural Address for the UGC National Seminar on Empowerment Of Women: Challenges & Prospects- A Socio-Economic Perspective
	Padmashree (Prof.) Dr. N R Madhava Menon IBA-CLE Chair in Continuing Legal Education, NLSIU, Bangalore.	Keynote Address for the UGC National Seminar on Empowerment Of Women: Challenges & Prospects- A Socio-Economic Perspective
	Dr Surya Kumari A Former Prof & Head, Mother Teresa Women's University , Kodaikanal	UGC National Seminar On Empowerment Of Women: Challenges & Prospects- A Socio-Economic Perspective
	Dr. B Sandhya IPS, ADGP	Inaugural Speech for the Campus debate on Language,Culture and Literature- Yesterday and Today"
	Dr. M A Siddique of the Department of Malayalam, Kariavattom College	Introduction of the topic"Language,Culture and Literature- Yesterday and Today"
	Sri B Sudheendra Kumar,District Judge and Chairman of the District Legal Services Authority	Inauguration of Legal Awareness Programme
	Adv. Bhuvanendran Nair Faculty, Kerala Civil Service Academy	Legal Awareness class for students
	Advocate Anitha, District Court,Vanchiyoar	Laws relating to Women
	Dr.Geetha Rani, former Chairman of Syllabus Restructuring Committee and former Principal of Govt. college for Women	Inaugural Talk on the importance of Women empowerment
	Major Toshy Pangode Military Camp	Presentation on the role of Indian soldiers in World War I & Photography Exhibition
2015	Dr Muhammad Maheen, HOD, Dept of History, Kozhikode,	Talk on'Folklore/Myths seeking New Heights in History; A Re-reading on Kerala's Popular Cultures and Beliefs'
	Jojo Mathews, IAS Faculty	Civil Service Orientation Class

33. Teaching methods adopted to improve student learning

- Power Point Presentation through Smart Class
- Remedial Coaching
- Peer Teaching
- Seminar Presentation by Students
- SSR Programme



- Spoken English Classes
 - Mentoring of Students
 - Activity based learning
 - Study tours
 - Exhibitions
34. Participation in Institutional Social Responsibility (ISR) and Extension Activities
- The Extension activities of the Department are being conducted under the auspices of the Human Rights Forum to create awareness among students regarding Human Rights.
 - The Human Rights Forum was formally inaugurated on August 10, 2012 by the eminent Historian Dr. T.P. Sankarankutty Nair. Parvathy Menon and Vidya Nair took sessions on Human rights for the Members of the Human Rights Forum.
 - A Movie on important Human Rights leaders including Nelson Mandela, Martin Luther King and Gandhiji was screened on 22nd January 2013.
 - The Human Rights Forum's activities for the academic year 2013-'14 was formally inaugurated by Smt. Bijimol MLA. Journalist Smt. Parvathy Devi spoke to the DC II student members of the Forum, on women's issues.
 - Talks were conducted for the DC II students, to give them an awareness on the importance of Human Rights.
 - In connection with the International Human Rights Day on December 10, the department organised an Inter-Departmental Quiz and Poster Making competition.
 - The Human Rights Forum organised a Legal Awareness Programme for the students.
 - The Human Rights Forum's activities for the academic year 2014-15 was officially inaugurated by Dr. Geetha Rani, former Chairman of Syllabus Restructuring Committee and former Principal of Govt college for Women, on August 6, 2014.
 - Classes on Human Rights awareness were handled by the Department teachers Parvathy Menon & Remya S every week. Students prepared projects on the Human Rights violations taking place in society. Discussions & Debates were also organised.
 - Ajia A of DC II History presented a report on the Improper Waste Management taking place in society. She highlighted in her report that Dumping of Garbage Waste is one of the recent human rights violations.
 - Arya of DC II Economics prepared a Presentation on the Pollution problem which is threatening the Environment and affecting human health.
 - Sree Ganga Raj of DC II Maths prepared a paper on the gross violation on human life taking place in Kerala, in the form of Endosulphan.
 - Display of Posters on the gross Human Rights violations on December 10, International Human Rights Day.
 - Students of the department are actively involved in the NSS unit of the college.



- Neethu Maria James, Soniya Victor L. and Mridula Jose were the NSS volunteers who represented the college at the NSS National MEGA CAMP held at Maguli College, Maguli and Dibrugarh University, Dibrugarh, Assam from 19th to 30th January, 2015
- 3 NSS volunteers Neethu Maria James, Mridhula Jose, Sonia Victor (all from DC II History) successfully participated in the MEGA CAMP held in Assam from 19th January to 2nd February 2015.

35. SWOC analysis of the department and Future plans

STRENGTHS

- The Department is blessed with four committed teachers who are involved in both the academic and co-curricular activities.
- Faculty is keen in maintaining discipline among the students.
- They also update their knowledge and skill through various training programmes which they impart while guiding the group projects.
- Research tempo is seen among all the faculty members.
- The teachers try to maintain a teacher friendly attitude among the students and give them individual attention through mentoring and counseling.
- The teacher friendly attitude shown by the teachers of the Department is seen to be beneficial to the less privileged group which constitutes 75% of the total strength of students in the Department.
- A smart class room facility is provided for the students of the Department. An internet connection is also provided in the Department which enables not only the teachers but also the students to utilize the facility.
- The two University 1st and 2nd ranks bagged by the students of the Department in 2010 and the various prizes obtained by the students for Sports, at the University Youth Festival, and various intercollegiate level competitions in the last 5 years is really a great motivation for the students in the coming years.
- As the college is situated in the coastal area, it gives preference to the students of the minority community who belong to a low economic status.

WEAKNESSES

- The economic strain and the low literate family background is a great hindrance for majority of the students to excel in academics.
- The number of students in class on an average of 75 also poses a serious threat to the quality of teaching due to the inability in providing extra attention to the students.
- Due to early marriage, students discontinue their course.

OPPORTUNITIES

- Majority of the students of the Department had their basic education in Malayalam medium and hence the department has the opportunity to train them in English language.
- The Department can be sanctioned with a PG course and then raised to a research centre.
- This will give an opportunity for the Department teachers to apply for research grants which will enable them to work in the field of social sciences and also get a chance to interact with social scientists of other institutions.



- The students shall get a good exposure which can enable them to attain good placements in future and also motivate them to take up new research projects.
- Setting up a History Museum with external aid from agencies is indeed a real opportunity which will raise the level of the Department and make the students get involved in the matters of the Museum.

CHALLENGES

- Majority of the students of the Department come from poor socio-economic backgrounds and has poor communication skills and fluency in English language.
- This is a real tough effort and challenge for the teachers in managing the students in maintaining discipline and also in achieving good academic result.
- The CBCSS syllabus introduced by the University of Kerala in 2010 with the aim for the students to seek the knowledge that suits varied interests, aptitudes and also ensures inter-disciplinary knowledge, puts a great strain on both the faculty and students due to the short time duration.
- The unexpected hartals by the political parties and the holidays declared by the Government due to various reasons make it difficult to finish the prescribed syllabus in time, in conducting the series examinations and completing the project work in time and also in organizing the various academic demanding activities. In order to accommodate the students belonging to the coastal areas who are economically backward, the college is forced to admit students beyond the sanctioned strength through marginal increase which is a great challenge for the teachers.
- The heavy workload of the teachers (18 hours) per week is also a serious challenge.

FUTURE PLANS

- To start MA History and make the Department a Research Centre
- International Seminars
- To set up a History Museum
- To start Certificate Courses in Archaeology, Human Rights & Gender Studies
- To get funds from funding agencies like ISSR & ICHR for undertaking projects

DEPARTMENT OF COMMERCE

1. Name of the department : **Commerce**
2. Year of Establishment : **1977**
3. Names of Programmes/ Courses offered :

UG Programme

1. B.Com Degree Course with Finance as Elective
2. B.Com Degree Course with Travel and Tourism as Elective (2014-2015)

PG Programme:

1. M.Com Degree Course with Finance as Elective



4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Open Course in Fundamentals of Financial Accounting	Other departments

5. Annual/semester/choice based credit system (programme wise)

Annual Scheme till March 2010 & CBCSS from June 2010

6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Language courses	English, Hindi, Malayalam and French
Open courses	Other departments

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 (11+1)

	Sanctioned	Filled
Professors	8+1	
Associate Professors		3
Asst. Professors		3
Guest Lecturers		5

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Speciali- zation	Years of Exper- ience	Ph.D. students guided
Dr. Pushpa S	M.Com, Ph.D	Asso. Prof. (Rtd)	Finance	32	1
Dr. Jyothisree B	M. Com, Ph.D	Asso. Prof. (Rtd)	Finance	32	Nil
Ms. Mary Thomas	M. Com, M.Phil	Asso. Prof. (Rtd)	Finance	32	Nil
Dr. Mabil P S	M. Com, Ph.D	Asso. Prof. (Rtd)	Finance	32	Nil
Ms. D Jameela Devi	LLB	Part Time Law Lecturer		30	Nil
Ms. Pushpakumari B S	M. Com, M.Phil	Asso.Prof. (Rtd)	Finance	32	Nil
Dr. Srilekha Nair	M. Com, Ph.D	Asso.Prof. & HOD	Finance	20	Nil
Dr. Jessie Jose	M. Com, Ph.D	Asso.Prof.	Finance	20	Nil
Dr. Reshmi R Prasad	M.Com, NET, M.Phil, Ph.D	Asso.Prof.	Finance	20	Nil
Sr. Carvalho Faustina Cicila	M.Com, NET	Asst. Prof.	Finance	3	Nil
Ms. Lissy Bennet	M.Com, B.Ed, NET	Asst. Prof.	Finance	3	Nil
Ms. Sangeetha S	M.Com, M.Phil, B.Ed, NET	Asst. Prof.	Finance	3	Nil

11. List of senior visiting faculty : NIL



12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
46.37		34.78		23.18		11.59		37.66	

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	30:1
PG	4:1

15. Qualifications of teaching faculty .

Name	Qualification
Dr. Pushpa S	M.Com, Ph.D
Dr. Jyothisree B	M. Com, Ph.D
Ms. Mary Thomas	M. Com, M.Phil
Dr. Mabil P S	M. Com, Ph.D
Ms. D Jameela Devi	LLB
Ms. Pushpakumari B S	M. Com, M.Phil
Dr. Srilekha Nair	M. Com, Ph.D
Dr. Jessy Jose	M. Com, Ph.D
Dr. Reshmi R Prasad	M.Com, NET,M.Phil, Ph.D
Sr. Carvalho Faustina Cicila	M.Com, NET
Ms. Lissy Bennet	M.Com, B.Ed, NET
Ms. Sangeetha S	M.Com, M.Phil, B.Ed, NET

16. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Ms. Lissy Bennet	National-Minor	UGC	2014-2016	50000/-
Ms. Sangeetha S	National-Minor	UGC	2014-2016	50000/-

18. Research Centre/ facility recognized by the University : Nil

19. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Dr. Reshmi R Prasad	2	-	-
Sr. Carvalho Faustina Cicila	4	-	1
Ms. Lissy Bennet	1	-	-
Ms. Sangeetha S	2	-	1

Journal Publications				
Title of Paper	Journal	Year, Vol., page	Level	ISSN/ ISBN No
Dr.Reshmi R Prasad				
Women and Work:An Analysis	Southern Economist	August 15 2010 Vol 49 no.8 Page 33-36	National	ISSN003 8-4046



An Analysis Of India's Foreign Trade	Journal of Accounting and Finance	October 2013- March 2014, Volume 28, Page 61-73	International	ISSN 0970 9029
Sr.Carvalho Faustina Cicila				
A study on Employee Motivation and Organizational Commitment	Management Researcher	October-December 2011, Volume XVIII, Page 69-81	National	ISSN 2230-8431
Emerging Role of Business towards Society in the 21st century	International Journal of Multidisciplinary Research	March 2014, Volume 2, Issue 12(IV), Page 66-68	International	ISSN 2277-9302
Corporate Social Responsibility: Emerging Issues and future concerns	Impacts of Business on Social Trends and Movements		International	ISBN 978-81-928799-2-5
Indian Banking In The Competitive Era	International Research Journal of Commerce, Business and Social Sciences	Vol. III, Issue 4 (I), July 2014	International	ISSN: 2277 – 9310
Grievance handling mechanism in Banks-An overview	International Research Journal of Commerce, Business and Social Sciences	Vol IV ,Issue3(1) June 2015	International	ISSN:227 7-9310
Ms. Lissy Bennet				
Economic empowerment of women in SEZ in India	Conference proceedings	April 11, 2014	National	
Ms. Sangeetha S				
NRI Investments- Myths and Reality	Journal of the International Conference	March 6,2013	International	
Basel 3 Accord- Issues in the Indian Context	Financial Sector Reforms and the Banking Industry in India: Oppurtunities and Challenges	June,2013	National	
Economic empowerment of women in SEZ in India	Conference proceedings	April 11, 2014	National	
IFRS-in the Indian Context	Conference proceedings	January 16& 17,2015	National	

Seminar Proceedings

Sl.No.	Name of Faculty	Title of Proceeding	ISBN/ISNN
1	Dr. Reshmi R Prasad	Micro Finance Opportunities and Challenges	
2	Ms. Sangeetha S	IFRS-in the Indian Context	



22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: **NIL**

23. Awards/ Recognitions received by faculty and students

Awards received by the faculty

- **Dr.Reshmi R Prasad** was awarded BEST PAPER AWARD for the paper presented in RDA's 14th International conference on "An Analysis of India's Foreign Trade". And the same was published in the Journal of Accounting and Finance Vol 28, No 1 October 2013-March 2014.

Awards received by the students

- Pleasure Gang competition conducted by club FM and Hero Honda 'Shreya DC II B.Com awarded "Most Vibrant Pleasure Gang" 2010.
- Aswathy Bose R DC II B.Com won the Hero Honda Pleasure Rider. Aswathy Mukundan DC II B.Com participated in 'Super Jodi'. Dance Reality show by Surya T.V 2010.
- Hermia Lincy John 3rd Prize Margamkali Youth Festival 2011.
- Archana Sukesh 3rd Prize Vrindavadyam 2011.
- Kerala University Youth Festival 2nd Prize in Thiruvathira Keerthi Krishna 2012.
- Kerala University Youth Festival 3rd Prize in Mime Saira Joseph 2012.
- Kerala University Youth Festival 1st Prize in Thiruvathira Keerthi Krishna 2013.
- Bhavika Nair Malayalee Manka DC II B.Com 2013.
- Narmrata R Nair, Pooja Pradeep, Saira Joseph, Sumy Mathew won 1st Prize in Theme Show in DCSMAT Vagamon fest LUMINANCE 2013.
- Narmrata R Nair, Pooja Pradeep, Saira Joseph, Sumy Mathew won 2nd Prize in Theme Show in Sree Chithra Thirunal College of Engineering CULTAWAY 2013.
- Anu Xavier 2nd Prize in Painting conducted by Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala in connection with the 4th Eco-Youth Festival in 2014.
- Namitha Fernando 1st Prize in Skit conducted by Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala in connection with the 4th Eco-Youth Festival in 2014.
- Sherin Sara Kurian 1st Prize in Skit conducted by Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala in connection with the 4th Eco-Youth Festival in 2014.
- Shayona Samson 1st Prize in Skit conducted by Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala in connection with the 4th Eco-Youth Festival in 2014.
- Myriam Megha Eugene 1st Prize in Skit conducted by Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala in connection with the 4th Eco-Youth Festival in 2014.
- Anu Xavier has won 2nd Prize in the event paper presentation organized by Institute of Management in Kerala, Kariavattom 2014.



- Aparna Deepu has won 2nd Prize in the event paper presentation organized by Institute of Management in Kerala, Kariavattom 2014.
- Sherin Sara Kurian won 3rd Prize in the singing competition organized by Alliance Francaise de Trivandrum on 2014.
- Namitha Fernando won 3rd Prize in the singing competition organized by Alliance Francaise de Trivandrum on 2014.
- Shayona Samson won 3rd Prize in the singing competition organized by Alliance Francaise de Trivandrum on 2014.
- Aparna Deepu won 1st Prize in the singing competition organized by Alliance Francaise de Trivandrum on 2014.
- Shayona Samson participated in Metroplex (Theme Show) conducted by Rajagiri Centre for Business Studies, Kochi 2014.
- Shayona Samson won 1st Prize in the Theme Show (League of Shadows) held by DC School of Management and Technology, Vagamon 2014.
- Sherin Sara Kurian won 1st Prize in the Theme Show (League of Shadows) held by DC School of Management and Technology, Vagamon 2014.
- Aparna Deepu won 2nd Prize in the Inter Collegiate Recitation Competition in English held by BNV College of Teacher Education, Thiruvallam 2014.
- Hesly Abraham won 2nd Prize for Integration Patriotic Song held by Hindi Prachar Sabha 2014.
- Hesly Abraham won 2nd Prize for Patriotic Song held by Hindi Prachar Sabha 2014.
- Jinu Elsa John won 1st Prize for Integration Patriotic Song held by Hindi Prachar Sabha 2014.
- Kripa N won 1st Prize for Integration Patriotic Song held by Hindi Prachar Sabha 2014.
- Beethu B won 1st Prize for Integration Patriotic Song held by Hindi Prachar Sabha 2014.
- Jinu Elsa John won 1st Prize in the singing competition organized by Alliance Francaise de Trivandrum 2014.
- Neha Marie Princelin won 1st Prize in the singing competition organized by Alliance Francaise de Trivandrum 2014.
- Shurthi Ann Johnson won 1st Prize in the singing competition organized by Alliance Francaise de Trivandrum 2014.
- Shyamili S won 3rd Prize Margamkali Youth Festival 2014.
- Jinu Elsa John won 1st Prize for Onapattu held by Hindi Prachar Sabha 2014.
- Hesly Abraham won 3rd Prize in the singing competition organized by Alliance Francaise de Trivandrum 2014.
- Hesly Abraham won 2nd Prize in the Light Music conducted by Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Govt. of Kerala in connection with the 4th Eco-Youth Festival in 2014.
- Namitha Fernando participated as an active volunteer in the Gandhi Smruthi Week Observation 2015.



- Miss Swetha Koshy of DC III B.Com was the winner of the “Banking Quiz” held on 3rd March 2015 by M/s Green Academy of competitive Exams, Pattom, TVM – 4. She won a scholarship amount of Rs.10000/-

Sports

A. Inter-Collegiate Competitions

- Anjitha of DC III B.Com attended Rugby Indian Camp
- Anjitha of DC III B.Com selected for Kerala University Football Team
- Second Prize for Anjitha of DC III B.Com for Intercollegiate Football
- First Prize for 100 Meter Race for Anjitha of DC III B.Com for Keralosavam district level
- First Prize for 200 Meter Race for Anjitha of DC III B.Com for Keralosavam district level.
- Athira L.S participated in the Inter University South Zone Handball Tournament organized by Bharathi Dasan University, Tiruchirappalli representing Kerala University.
- Athira L.S participated in the Inter University South Zone Handball Tournament organized by Periyar University, Salem.
- Mariya Justin Mathew secured Third Prize in the Kerala Univesity Inter-collegiate (Inter Zone) Cricket (W) Tournament.
- Mariya Justin Mathew secured Third Prize in the Kerala Univesity Inter-collegiate (Inter Zone) Softball (W) Tournament.
- Mariya Justin Mathew secured Third Prize in the Kerala Univesity Inter-collegiate (Inter Zone) Baseball (W) Tournament.
- Mariya Justin Mathew secured Third Prize in the Kerala Univesity Inter-collegiate (Inter Zone) Handball (W) Tournament.

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Mr. Harikrishnan Mr. Vimal Mr. Ram Ganesh	Chairman ICSI Pattom Branch Asst. Manager ICSI Asst. Manager ICSI	Awareness programme on company secretary ship
2	Mr. Omanakuttan	Managing director of Tax Studies Centre Ulloor	Certificate course on tax practitioner and higher diploma course on accounts manager
3	Dr. Jayamoni	Prof. CUSAT	Transcending value of work
4	Dr. K Sasikumar	Entrepreneurship Development Department University of Kerala	Emerging trends of entrepreneurship in Kerala
5	E.R.Sanil Kumar,	Br. Manager Metlife insurance.	Talk on Insurance
6	Rema Ramamoorthy and Rajasree T.P,	Faculty of NIIT	Information Technology- Various scope
7	Mr.M.C Jacob	(Ex. CGM) SBT	Banking as a career
8	Harisankar S.K,	Product Manager Zayan Infotech, Technopark	Mock Interview schedule
9	Chinthu Mohan,	Asst.Manager Marketing CZ Collections Technopark	Quality of Work Life
10	CA R.Sreedhar, CA Hari,	Institute of Chartered Accountant.	Course awareness programme on CA
11	Mr.Fenil Vadakken,	CIMA	Various courses offered by CIMA



12	Omanakuttan S,	Director TSCS Ernakulam	Career programme on tax practice
13	Shone Babu	Asst.Manager, ISDC Global	International Qualifications and management fest Kerala business challenge
14	CA Ramachandran,	ETEN CA	Professional courses for B.Com students
15	Shri. Raju. P K	Finance Officer University of Kerala	Career Oppourtunities for graduates
16	Mr.Srilil S.L,	G TEC Computers	Accounting Software

25. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International /National	Date	Funding Agency
1	Micro Finance – Opportunities and Challenges	International	February 6 -7, 2014	Central Bank of India
2	International Financial Reporting Standards in the Indian Context	National	January 16-17, 2015	UGC

26. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2010-2011	BCom	2510	60		58	96.67
2011-2012	BCom	1935	63		63	100
2012-2013	BCom	2161	65		65	96
2013-2014	BCom	2580	66		66	96.72
2014-2015	BCom	3929	110		110	100

Year	Name of the Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2010-2011	MCom	525	20		20	100
2011-2012	MCom	485	20		20	92.86
2012-2013	MCom	596	20		19	94.12
2013-2014	MCom	574	17		17	89.47
2014-2015	MCom	777	20		20	Result awaiting

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	BCom	98.28	Nil	1.72
2011-2012	BCom	98.49	1.51	Nil
2012-2013	BCom	98.47	1.53	Nil
2013-2014	BCom	96.93	Nil	3.07
2014-2015	BCom	100	Nil	Nil



Year	Name of the Course	% of students from the same state	% of students from other	% of students from abroad
2010-2011	MCom	100	Nil	Nil
2011-2012	MCom	100	Nil	Nil
2012-2013	MCom	100	Nil	Nil
2013-2014	MCom	100	Nil	Nil
2014-2015	MCom	95.75	6.25	Nil

28. How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defenseservices,etc.

Year	NET
2010-11	5
2011-12	5
2012-13	4
2013-14	3
2014-15	3

29. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	17.24	12.69	23.07	19.69	23.63
PG to M. Phil	10	10	10	10	15
PG to Ph.D.	10	15	20	15	15
Employed					
• Campus selection	8.62	11.11	9.23	11.76	21.82
• Other than campus recruitment – approximately (Exact Data not available)	34.84	49.20	38.46	54.41	77.41

30. Details of Infrastructural facilities

a)	Library	144 Books are available in different areas in Commerce
b)	Internet facilities for staff & students	Computer with internet facility is provided
c)	Class rooms with ICT facility	One class room is a smart class

31. Number of students receiving financial assistance from College, University, Government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Fisheries Scholarship	3	4	5	3	3
Single Girl Child Scholarship	10	7	6	5	5



32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010 -11	Hindustan Unilever Limited	Nation wide Campaign – Teaching the importance of personality development
	OZTERN	Seminar-An Unique approach for test preparation
2011 - 12	TIME,TVM	Seminar on Beyond Graduation-Career option
	Pearson Education Services P(Ltd) [ETEN CA]	Seminar on professional courses open to B.Com students.
2012- 13	ICICI Bank ,Trivandrum	Recruitment programme for the post of Trainee sales officer ICICI Bank.
	Frankinn, Institute of Air hostess training	Workshop and career guidance seminar
	Networkzs systems,Technology Training Company	Seminar –Awareness about the basic IT essentials
	NIIT,MG Road ,TVM	Talk Related to Computer languages
	Indian Institute for Human settlements,Bangalore	National Student challenge 2013
	Make a Difference	Make a Difference(MAD)
2013-14	Hindustan Unilever Limited	Nation wide Campaign – Teaching the importance of personality development
	ICFAI Business School	Group Discussion-Importance of Higher Education
	OZTERN	Seminar-An Unique approach for test preparation
	N &N Chopras	Awareness programme-Career pathway planning-Future studies abroad
2014-15	TIME,TVM	Seminar on Beyond Graduation-Career option
	Pearson Education Services P(Ltd) [ETEN CA]	Professional courses open to B.Com students.
	Mr.Omana Kuttan.S, Director, Tax Study Centre	Talk on the course “Tax Practitioners”
	Mr.Anil P.S, Associate Professor,Gnanam School of Business,Thanjavoor	Group Discussion Skill Development
	Logic School of Management	Talk on Career Guidance

33. Teaching methods adopted to improve student learning

- Lecture Method
- Power Point Presentations
- Assignments
- Student Seminars
- Visit to National Institutes



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Awareness Programme – ‘Health and Hygiene’.
 - Beach Cleaning
 - Safety and Economy Awareness Tips for using LPG in collaboration with Bharat Gas.
 - Mosquito control programme – Karikkakom Village.
 - ‘Build a biogas for your home’ in collaboration with Kudumbasree unit of Karikkakom.
 - Eye camp
 - Seminar - Prevention of excessive use of drugs and promotion of Naturopathy & Yoga.
 - Amritha Varshini organization for osteoporosis – Talk by Dhanya Ravi.
 - Workshop on Cancer (Provocative Questions)
 - Camp on Respiratory problem conducted by a team of Doctors from Government Hospital.

35. SWOC analysis of the department and Future plans

STRENGTHS

- Strong academic staff base
- Remarkable legacy and experience
- Access to vast library resources.
- Full proof students’ selection system.
- Large number of students from diverse backgrounds.
- Strong resources and asset base.

WEAKNESSES

- Staggered semester schedules.
- Weak school based institutional consultancy

OPPORTUNITIES

- Widening market as a result of regional economic integration.
- Large and strategic alumni base.
- Developments in ICT and knowledge management systems

CHALLENGES

- Increased competition from local and international institutions of higher learning.
- High cost of ICT facilities.
- Inadequate budgetary allocation.
- Cumbersome public procurement policies.

FUTURE PLANS

- Govt. aided/ Industry sponsored Post-graduate programme with diversified areas of specializations.
- Introduce Add-on courses.
- Collaboration with KTDC.
- Establishment of a Research Centre.



DEPARTMENT OF ENGLISH

1. Name of the department : **English**
2. Year of Establishment : **1964**
3. Names of Programmes/ Courses offered: **UG: B.A English, B.A Communicative English PG: M.A English Literature**
4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Complementary course	Department of History
Open Course: Theatre Studies, Creative Writing	Other departments
5. Annual/ semester/ choice based credit system (programme wise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Participation of the department in the courses offered by other departments

Name of the course	Departments involved
Complementary courses	Department of History
Language courses	Malayalam, Hindi and French
Open Courses	Other departments
7. Courses incollaboration 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
Professors	Nil	Nil
Associate Professors	1	1
Asst. Professors	13	13
Guest Lecturers	4	4

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of experience	Ph.D students guided for the last 4 years
Ms. Leena Joseph	M.A M.Phil	Asso. Prof.& H.O.D.	M.A (English Language & Literature)	31	-
Ms. Morrin.C	M.A	Asst. Prof.	,,	8	-
Ms.Sonya J. Nair	M.A M.Phil	Asst. Prof.	,,	6	-
Ms. Kukku Xavier	M.A	Asst. Prof.	,,	6	-
Dr. Liji Varghese	M.A, Ph.D	Asst. Prof.	,,	6	-
Dr. Sr. Pascoela Adelrich D'Souza	M.A, B.Ed, M.Phil, Ph.D	Asst. Prof.	,,	4	-
Dr. Raj Sree M.S	M.A, Ph.D	Asst. Prof.	,,	4	-
Ms. Nishel Prem Elias	M.A, B.Ed	Asst. Prof.	,,	4	-



Ms. Simna Stephen	M.A, B.Ed	Asst. Prof.	”	4	-
Ms. Sapna Srinivas	M.A	Asst. Prof.	”	4	-
Ms. Diana V. Prakash	M.A, M.Phil	Asst. Prof.	”	2	-
Dr. Kavitha.N	M.A, B.Ed, Ph.D	Asst. Prof.	”	2	-
Ms.Joveeta Justin	M.A	Asst. Prof.	”	2	-
Ms. Celina James	M.A, B.Ed	Asst. Prof.	”	2	-

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

2010-11		2011-12		2012-13		2013-14		2014-15	
L	P	L	P	L	P	L	P	L	P
22	-	22	-	22	-	22	-	22	-

L- Lecture; P- Practical

13. Student-Teacher Ratio (programme wise)

UG	Core	23:1 (English Lit.) 15:1 (Comm. Eng.)
	Language	
	B.A	13:1
	B.Sc	14:1
	B.Com	13:1
PG	M.A. English Language and Literature	3:1

14. Qualifications of teaching faculty.

Name	Qualification
Ms. Leena Joseph	M.A, M.Phil
Ms. Morrin C	M.A
Ms. Sonya J. Nair	M.A, M.Phil
Ms. Kukku Xavier	M.A
Dr. Liji Varghese	M.A, Ph.D
Dr. Sr. Pascoela Adelrich D'Souza	M.A,B.Ed, M.Phil, Ph.D
Dr. Rajsree. M. S	M.A, Ph.D
Ms. Nishel Prem Elias	M.A, B.Ed
Ms. Simna S. Stephen	M.A, B.Ed
Ms. Sapna Sreenivas	M.A
Ms. Diana V. Prakash	M.A, M.Phil
Dr. Kavitha. N	M.A, B.Ed, Ph.D
Ms. Joveeta Justin	M.A
Ms. Celina James	M.A, B.Ed

15. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant Received
Dr. Liji Varghese	MRP	UGC	2013-2015	1,30,000/-
Ms. Sonya J. Nair	MRP	UGC	2012-2014	1,50,000/-



Ms. Kukku Xavier	MRP	UGC	2013-2015	1,40,000/-
Ms. Raj Sree M S	MRP	UGC	2013-2015	1,20,000/-

16. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

Project	Funding Agency	Period	Grants received
From Time Out to Power Play: The IPL Phenomenon	UGC	2012-14	1,50,000/-
Dalit Interlocutions in Cyber Space	UGC	2013-15	1,40,000/-
Beauty Myths in Popular Culture	UGC	2013-15	1,30,000/-
Trauma and Recovery	UGC	2013-15	1,20,000/-

17. Research Centre/facility recognized by the University: **Yes**

18. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Ms. Sonya J. Nair	1	-	-
Ms. Kukku Xavier	1	-	-
Dr. Liji Varghese	3	-	-
Ms. Raj Sree M S	11	-	-
Smt. Diana V. Prakash	4	-	1
Dr. Kavitha.N	1	-	1

Journal Publications						
	Title	Journal	Volume	Year	National/ International	Impact factor
Dr. Rajsree M S						
1	A Marxist rendering of Kiran Desai's The Inheritance of Loss	Indian Journal of Post Colonial Literatures	2.1	2010	International	
2	The influence of Plautine Comedies on Chaucerian Tales".	Contemporary Discourse	2	2011	National	
3	Divining the Male Self in Sula	Indian Journal of Post Colonial Literatures	2.1	2011	National	
4	The Dialectics of Indian Literary Historiography as Exemplified in Francis Itty Cora	Indian Journal of Post Colonial Literatures	2.2	2011	National	
5	A Feminist discourse on Poile SenGupta's Mangalam	Litcritt	71.37	2010	National	
6	Radioactivity of Trauma in Jewish Immigrants in America	Labyrinth	2	2010	National	



7	The Psychodynamics of Trauma and Recovery in Nora Gold’s Marrow and Other Stories	English Activities Update	2	2012	National	
Ms. Diana V Prakash						
1	Colours of the Mindscape: Ondaatje’s In the Skin of a Lion and Cubist Colours	Research Lines		2013	National	
2	The Populist World: Postmodern Mis-en-scene in Jerzy Kosinski’s Pinball	English Activities Update		2013	National	
Dr. Kavitha N						
1	Reconstructing Religion in Post Colonial Paradigms: Voices in Mahfouz’s Children of the Alley	Indian Journal of Post Colonial Literatures	13.2	2013	International	
PUBLICATIONS IN BOOKS						
	Title of the Chapter		Title of the book		ISBN/ISSN	Impact factor
Ms. Sonya J Nair						
1	Affirmation and Subversion of Power through Language: Use of Latin in Harry Potter and Asterix. Latin Language and World Cultures. (pg. 152-156)		Latin Language and World Cultures. Ed. V.Y. Dasappan S.J. 2011			
Ms. Kukku Xavier						
1	Revisiting the Classics: An Analysis of the Presence and Use of Latin in Popular Cinema’. (pg. 166-173)		Latin Language and World Cultures. Ed. V.Y. Dasappan S.J. 2011			
Dr. Liji Varghese						
1	A Glimpse into the Divergent Worlds of Rushdie.		Various Cultures Variant Readings.2013		818043093	
2	Negotiating Cultural Spaces: Problematising the Other in Canadian Movies		Convergence and configurations of disciplines: Canada and India. 2014		978-81-8043-106-7	
Dr. Raj Sree M S						
1	An Ecoaesthetic Rendering of Aju Mukhopadhyay’s Poems. (pg 303-311)		Discourse on Five Indian Poets in English. Ed. K. V. Dominic. 2011			
2	The Dynamics of Cosmopolitan Motherhood in Shobha De’s Speedpost. (pg 212-20)		Feminism in Contemporary Indian Women Writers. Ed. M. F. Patel. 2011			



	Theorizing Trauma in Arundhati Roy's The God of Small Things: A Novel of Remembrance of Things Past or Trauma? (pg 60-70)	Booker Prize Winner Indian English Novelists.Ed. Arvind M. Nawale and Vishwanath Bite. 2011		
	Moralizing the Popular: Popularising the Moral. (pg 153-159)	Contemporary British Literature: Post-1990s, A Critical Study. Ed. Rama Nair and Parimala Kulkarni. 2013.		
Ms. Diana V. Prakash				
	Of Power, Panopticon and Whistleblowers: Democracies as Carceral Archipelagos	Shrinking World and Widening Chasms: Themes and Theories in Contemporary Literature. 2013	978-81-927671-0-	
	Interrogating the Diasporic Body Politics in Gaddama and Arabikkatha.	Imagin(in)g the Diaspora: Critical Responses to Asian Diasporic Art and Literature. 2014		
PAPER PRESENTATIONS				
	Title of the paper	National/ International		
Ms. Sonya J Nair				
1	Singing Out of Sorrow: An Analysis of Women through Select Movies.2010	National		
2	Revisiting Festival Sites: Sexuality in Perspective and Performance at Kottankulangara and Koovagam. 2010	National		
3	Cinematic Adaptations of Shakespeare. International Seminar on Revisiting Shakespeare: Post Theory Reflections. 2011.	National		
4	Gay Spaces and Performance: Culture and Gender Interplay in Boys Don't Cry and Memories. 2011.	National		
5	The Politics of Cartoons: India and the Sub-nationalist Discourse. 2012.	National		
6	Whose Cinema?: Politics of the Other Malayalee and New Generation Films in Malayalam. 2012	National		
7	Transgendering Celebrations: The Politics of Gender Interplay in South Indian Temple Festivals. 2012	International		
8	Dalit Interlocutions in Cyberspace: The Politics of Nomenclature and Social Function. 2012	International		
8	Performing Gender, Gendering Performance: Temple Festivals of South India. 2012	National		
9	Oz through Telly: The Temptations of Life, Food and Culture Presented through Select Australian Series. 2012	National		
Ms. Kukku Xavier				
1	Bodies Singing out of Silence: Representation of Women in Select International Cinema. 2010	National		
2	Contemporary Interpretations of Shakespeare in Bollywood. International Seminar on Revisiting Shakespeare: Post Theory Reflections. 2011.	National		



3	New Age Cinema: Innovations and Politics. National Students. 2012	National	
4	Cultural Modernities and Subnationalisms: Analysis of Select Novels of Arvind Adiga, Tarun Tejpal and Vikas Swarup. 2012	National	
5	Dalitality in the Cyber Age. International Seminar on Dalitality as a Global Paradigm: Theorizing Indigenous Studies. 2012	National	
6	Cultural Modernity and Subnations: Nationhood in Select Indian Fiction in English. 2012	National	
7	Australian Television and Indian Audience. National Seminar on Cross – Cultural Paradigms: Australia and India. 2012	National	
Dr. Liji Varghese			
1	Rushdie's Homeland: Imagined or Real? 2010	International	
2	The Shifting Paradigms of Gender Stereotypes in Popular Culture. 2010	National	
3	Teaching ESL for Coastal Area Students. 2011.	International	
4	The Role of Multimedia in Enhancing Learner Participation. 2012	National	
5	The Visible and Invisible Bonds of Gendered Oppression in South Asian Diaspora. 2012	National	
6	Negotiating the Cultural Space in Indo-Canadian Movies. 2012	National	
7	Amorality, Morality and Immorality in Visual Media. 2012	National	
8	Negotiating Identities in Diasporic Mediascapes. International Conference on Global Diaspora Studies: Contexts and Configurations. 2012	National	
9	Racism in Australian Ads: A Critical Evaluation of the Socio-Cultural Milieu. National Seminar on Cross-Cultural Paradigms: Australia and India. 2012	National	
10	Science fiction for language skills. 2014	National	
11	The Humourlessness of the Comic Grotesque in Visual Media 2014	National	
12	Myth and Truth: A Re-Reading of Gender Paradigm. 2014	National	
Dr. Raj Sree M S			
1	The Dynamics of Hyper Reality in the Emergence of a Spectacular Subculture of Video Games. 2010	International	
2	Violence in Children's Comics. 2010	International	
3	Power Politics in the Strategic Representation of 9/11 and Terrorist Attacks on Mumbai. 2010	International	
4	Drama in the Teaching of English: A Constructivist Approach. 2010	International	
5	Theorizing the Abject in Relation to Sexual Minorities. 2010	National	
6	Deconstructing Diaspora with reference to Indian Diaspora. 2010	National	
7	Depiction of Holocaust in American Fiction. 2011.	International	
8	The Impact of Latin Comic Tradition on English Comedy. 2011.	International	
9	Life Writing as Counter Discourse. 2011.	National	
10	The Canadian Literary Mosaic: The Ethnic Voices. 2011.	National	
11	Comics: A Forgotten Medium of Teaching Language. 2013	International	
12	Superheroes and the Dynamics of a Hyper Real World. 2013	National	
13	Popular Culture and Harry Potter. 2013	National	
Ms. Nishel Prem Elias			
1	A Provoking End: Marital Violence, Legality and Society. 2013	National	
2	Life Writing of Scientists for English Language Learning. 2014	National	



Ms. Diana V Prakash			
1	Geographical Displacement and Chimeric Identity in Caterina Edwards' Becoming Emma and Homeground. 2013	International	
2	The Beauty Sans the Beast?: A Feminist Reading of Gender Equations in Hollywood's Fantasy Movies. 2013	National	
3	Facebook and the New Age Pictorial Autobiography. 2014	National	
Dr. Kavitha N			
1	Re Constructing Don De Lillo's Falling Man as an Enigma of Terror, Art and Resistance. 2013	National	
2	Portrayal of Egyptian Women: A Journey through Naguib Mahfouz's Fictional World. 2014	National	
Ms. Joveeta Justin			
1	Power-Play: Treatment of Gender Based Violence and Hegemony in Chaucer and Browning. 2013	International	
2	Surviving Eons of Oppression: Perspectives on Select Bengali Fiction in Translation. 2014	National	
3	Patronizing the Other: Rethinking Hegemonic Discourse and Exploitation in Cameron's Avatar. 2014	International	
4	Reframing and Reinterpreting the Subaltern Perspective: A Comparative Study on Select films from Hindi and Tamil. 2014	National	

19. Faculty as members in
 - a) National Committees b) International Committees c) Editorial Boards
 - Dr. Liji Varghese Board of Studies, University of Kerala.
 - Sonya J Nair Assistant Editor, Higher Education 2.0, International Peer Reviewed Journal by the Kerala State Higher Education Council.
20. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
 - b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil
21. Awards/ Recognitions received by faculty and students

Awards received by the students

Academic Awards

- 2010: Prabha K.S. – First Rank in Communicative English
- 2011: Mary Sherin Joseph – First Rank in Communicative English
- 2011: Reshma Menon – Second Rank in Communicative English
- 2011: Joveeta Justin – Second Rank in M.A. English
- 2012: Noumi N. – First Rank in B.A. English
- 2013: Abja G. Rasheed – Second Rank in Communicative English
- 2013: Mary Sherin Joseph – Third Rank in M.A. English

Cultural Awards

- 2010: Indu Thambi won Miss Kerala 2010 title
- 2010: Amrutha Mohan won the title of “All India Best Cultural Performer” in AIVSC 2010.
- 2010: Chinnu Nair won the title of Best Manager in Avant Garde 2010
- 2011: Chinnu Nair won the title of Best Manager in Crossroads 2011
- 2013: Nesty Jose won the First Runner Up position at the reality show *Yuvatharam* by Jaihind TV.

Literary Accomplishments

- 2011: Aparna Lakshmi published her debut novel, *Pardha of My Feelings*



- 2014: Navaneetha G. published a collection of poems, *When the Soul Sings*
- 2014: Preethu P, Guest Lecturer, published collections of poems in Malayalam and English

Presentation of papers by students at national/international conferences

- Abja G Rasheed of MA S3 presented a paper on *Shakespeare's Tragedies Rejuvenated: Manifestations in Different Theatre Movements*, in a National Seminar on Shakespeare Continuum conducted by the PG Department of English, KAHM Unity Women's College, Manjeri on 12th August 2014
- Shanu Mary William of MA S3 presented a paper on *Shakespeare through Lens: A Socio-cultural Study on Hamlet Adaptations* in a National Seminar on Shakespeare Continuum conducted by the PG Department of English, KAHM Unity Women's College, Manjeri on 12th August 2014

22. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation
1	Dr. Maya Dutt	Eminent Academician
2	C. S. Lakshmi	Renowned Author
3	Dr. Jaishree Misra	Eminent Novelist
4	Dr. Babitha Justin	Reader and Head of the Department of Humanities, Indian Institute Of Space Science And Technology, Valiamala
5	Gurda Kristy	Eminent Poet from Iceland
6	Sampurna Chattejee	Eminent Poet
7	Prof. P. Vijayakumar	Renowned Academician
8	Ms. Chandhni Mathur	Famous Orator
9	Dr. Babu Paul.	Former Civil servant
10	Tarun James Jimani	Eminent Novelist
11	Dr. George Onakkoor	Eminent Writer and Cultural Icon
12	Parthan Mohan	Film Producer/Director

23. Seminars/ Conferences/ Workshops organized & the source of funding

Sl. No.	Name	International /National	Date	Funding Agency
1	Ending Gendered Violence	International	18 -19 Nov 2013	Dept. of English, ASC
2	Emerging Trends and Career Opportunities in Media	National	12 Jan 2011	MOP Vaishnav College, Dept. of English, ASC
3	National Seminar on Charting New Territories: Cartographies of Popular Media and Culture	National	18-19 Aug 2011	UGC
4	Trends and Opportunities in Media	National	24 Jan 2014	MOP Vaishnav College, Dept. of English, ASC
5	Technologies of Self: Writing Lives, Writing History	National	9-10 Oct 2014	UGC



24. Student profile programme/ course wise:

Year	Name of the Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2010-2011	B.A Eng	2500	80		80	95
	B.A Comm. Eng	1090	40		40	90
	M.A	510	20		20	100
2011-2012	B.A Eng	2551	68		68	95
	B.A Comm. Eng	1036	40		40	100
	M.A	610	20		20	100
2012-2013	B.A Eng	3186	70		70	96
	B.A Comm. Eng	1224	36		36	90
	M.A	550	20		20	100
2013-2014	B.A Eng	4512	69		69	95
	B.A Comm. Eng	1986	40		40	95
	MA	540	20		20	Result awaiting
2014-2015	B.A Eng	3686	73		73	96
	B.A Comm. Eng	1610	41		41	85
	M.A	605	20		20	Result awaiting

25. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	B.A (Eng), B.A (C.E), M.A	100	Nil	Nil
2011-2012	B.A (Eng), B.A (C.E), M.A	100	Nil	Nil
2012-2013	B.A (Eng), B.A (C.E), M.A	100	Nil	Nil
2013-2014	B.A (Eng), B.A (C.E), M.A	100	Nil	Nil
2014-2015	B.A (Eng), B.A (C.E), M.A	100	Nil	Nil

26. How many students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defense services, etc.

NET – 60

CIVIL SERVICE - 2

27. Student progression

Student progression	Against % enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	15	19	20	24	20.83
PG to M.Phil	40	15	50	50	25
PG to Ph.D	10	25	30	20	45
On Campus Selection	10	13.33	12.5	12.72	11.30
Off Campus Selection	29.16	33.3	37.5	36.36	39.13

28. Details of Infrastructural facilities

a)	Library	684 books
b)	Internet facilities for staff & students	2 computers with Internet
c)	Class rooms with ICT facility	1
d)	Laboratories	Language Lab



29. Number of students receiving financial assistance from college, university, government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Post Metric Scholarship	5	2	1	6	
Central Sector Scholarship		1		1	
Higher Education Council Scholarship		2	4	4	
Suvarna Jayanthi Merit Scholarship		1	2	2	
Fisheries Scholarship	33	30	14	26	
Mohammed Koya Scholarship			1	3	
Single Girl Child Scholarship				1	1

30. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010-11	C.S. Lakshmi	Talk on Creative Writing
	Maya Dutt	Lecture on Literary Theory
2011 -12	Jaishree Misra	Talk on Indian Women Writers
	Sampurna Chattejee	Lecture: The Art of Reading Poetry
2012 - 13	Prof. P Vijayakumar	Talk: De-constructing Foucault
	Dr. Babu Paul	Talk: Developing Students' Acumen in Civil Service Examination
2013- 14	Tarun James Jimani	Lecture: Aesthetic Perception and the Art of Fiction
	Prof. G S Jayasree	Lecture: Translation Studies
2014- 15	Prof. Aladi Uma	Talk on the Intrigue of Autobiography
	Prof. M Sreedhar	Talk on Life Writing

31. Teaching methods adopted to improve student learning

- Lectures
- Seminars and Assignments
- ICT enabled teaching – Power Point presentations & videos
- Charts
- Peer Group teaching
- Projects
- Study tour

32. Participation in Institutional Social Responsibility (ISR) and Extension Activities

Faculty Participation

- May 2010 - Ms. Morrin C. took a class on “Parenting and Children” at St. Pius X Church, Kumarapuram.



- April – June 2013 Ms. Morrin C has also co-authored the English textbooks for LKG and UKG students of the CBSE Board with Dr. Chandhini David. The books were released in September 2013.
- Dr. Liji Varghese edited a textbook for the University of Kerala titled 'Dramatic Moments' in 2013.
- 2013 – 2014 Ms. Sonya J Nair served as resource person at the Institute of English, University of Kerala.
- Sonya J. Nair and Liji Varghese were External Examiners for MA S4 viva voce at the Institute of English.
- Dr. Liji Varghese and Diana V. Prakash served as resource persons for the Institute of English, Spoken English Classes during 2013-14.
- Sonya J. Nair published an article "Sexual Rewritings in South Indian Temple Festivals – Koovagam and Kottankulangara Chamayavilakku in the book Creativity in the era of Globalisation" - Directorate of Public Relations and Publications for the Department of English and Foreign Languages, CUSAT. Kukku Xavier published an article Cultural Modernity and Subnations – Nationhood in Select Indian Fiction in English.
- ASAP classes conducted from May-July 2013 by Dr. Pascoela A. D'Souza, Dr. Raj Sree M. S, Dr. Kavitha N and Ms. Lynda Stanley of the Dept. of English in the college campus for three batches of students.
- Ms. Leena Joseph served as a member of the Board of Examiners (M.A. S4 Viva Voce) in 2014 and Deputy Chairman MA S1 Board.
- Ms. Leena Joseph was a member of the teacher selection committee for St.Thomas Residential School in April 2014.
- Ms. Leena Joseph served as judge in Literary Competitions conducted by The School of Good Shepherd, Trivandrum in June 2014.
- Ms. Leena Joseph served as Deputy Chairperson for the M.A S1 examination in March 2015.

Students

- December 2, 2011 under the guidance of the teacher-in-charge, Ms Geetha Nair G, the members of the Literary Club visited the inmates of the Government Care Home at Chackai. The final year English and Communicative English students interacted with the inmates and put up an entertainment programme which included a spoof on "Shakunthala", a dance number and a lyrical rendition of Shakespeare's Sonnet 18.
- Nesty Jose and Sarah Saju Kallungal organized a Theatre Workshop for the students of Government School, Pallithura.
- Sarah Saju Kallungal conducted leadership classes for the Sunday School students of St. George Universal Syrian Orthodox Reesh Church, Kuwait.
- Ms. Celina James engages classes for TOEFL and IELTS in Al Ain, UAE.

Bridging The Gap (BG)

- With a view to awaken a sense of responsibility amongst students towards their fellow citizens who are less fortunate, the department has launched a project, 'Bridging the Gap' in October 2013. As part of this project, a group of select students regularly visit a nearby school – St Mary's HSS, Vettucaud to teach English to students of Class V. Our pupil teachers are encouraged to develop teaching aids and classes are taken on Fridays from 1 pm to 2 pm.



- Sapna Srinivas and Simna S Stephen, class teachers of S5 Communicative English organised a trip to Ananda Nilayam, an Orphanage and Widow's Home in Manacaud on August 9, 2014. Material aid in the form of daily provisions and stationery was given to the authorities managing the Home. Games were also organised for the inmates of the Home.
- Make a Difference (MAD): It is a matter of pride that some of our students are active members of MAD which is a non-profit organization with volunteer teachers who teach children from diverse backgrounds especially those from financially challenged families and orphanages.

33. SWOC analysis of the department and future plans

STRENGTHS

- Qualified, young faculty, many of whom are engaged in research
- Good quality of research output and projects undertaken by the staff
- Significant presence in the various University bodies and academic bodies
- New strategies devised for teaching English in the digital age
- Extra assistance programme for the students
- Good standing among the academic community and the stakeholders in general
- Contemporary nature of research work
- Departmental journal started for boosting the academic standing and encouraging inter institutional co-operation

WEAKNESSES

- High turnover rate of guest faculty hinders continuity of various initiatives

OPPORTUNITIES

- The expertise gained from the Journal could help the department gradually evolve into a publication house and thus engage with the academic community in a meaningful way

CHALLENGES

- Teaching becomes very challenging on account of students from varied competency levels
- Semester system leaves very limited time for remedial work
- Students hailing from remote areas find it difficult to reach in time for the various learner oriented courses of the department
- The option of writing exams other than English in the vernacular further makes our task onerous as students' exposure to the language is limited

FUTURE PLANS

- More International Seminars and Symposia to be organized so as to make the department a hub for standard research and collaborative academic processes.
- Evolve from being a traditional department into one that has deeply integrated digital medium into its day to day methods of instruction.
- Introduction of video lessons, YouTube channels for learning English and Literary Theory
- Develop the Department Library with more computers, e-resources and journals



- Seek industry interface, chalk out consultancies with start ups in Technopark for content writing
- Encourage students to do research and groom them for presenting papers at conferences and mentor them for paper publications

POST GRADUATE DEPARTMENT OF ENVIRONMENTAL SCIENCES

1. Name of the department : **Post Graduate Department of Environmental Sciences**
2. Year of Establishment : 1999- 2011(Self financed)
2011 onwards (Regularized)
3. Names of Programmes /Courses offered: **Post Graduation in Environmental Sciences**
4. Names of Interdisciplinary courses and the departments/units involved- **NIL**
5. Annual/semester/choice based credit system (programme wise)
Annual Scheme till March 2010 & Semester system from June 2011
6. Participation of the department in the courses offered by other departments
NIL
7. Courses incollaboration with other universities, industries, foreign institutions, etc. **Yes, Three collaborative research projects with International and Inter-University Centre for Natural Resource and Manegement**
8. Details of courses/programmes discontinued (ifany) with reasons- **NIL**
9. Number of teaching posts

	Sanctioned	Filled
Professors		
AssociateProfessors		
Asst.Professors	4	4
Guest Lecturers		

10. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	No.of Years of Experience	No.of Ph.D. Students Guided for the las 4 years
Dr. J. K. Reshma	M.Sc, Ph.D., UGC NET	Asst. Prof & Head	Environmental Microbiology and Geology	4	Nil
Dr. Ayona Jayadev	M.Sc, Ph.D., PDF, UGC NET	Asst. Prof	Environmental Biotechnology	4	Nil
Dr. Smitha Asok V.	M.Sc, M. Phil. Ph.D.,UGC NET, JRF, SRF	Asst. Prof	Remote sensing & GIS	4	Nil
Ms. Rajani V.	M.Sc., UGC NET	Asst. Prof	Environmental Chemistry	4	Nil

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 (programmewise)

UG	Core	
	Complementary	
	Language	
PG	2 batches	4:1 each

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Technical	1	Nil
Administrative		

15. Qualifications of teaching faculty.

Name of the Faculty	Qualification
Dr. J.K Reshma	M.Sc, Ph.D., UGC-NET
Dr. Ayona Jayadev	M.Sc, Ph.D., PDF, UGC-NET
Dr. Smitha Asok V.	M.Sc, M. Phil. Ph.D., UGC- NET, JRF, SRF
Ms. Rajani V.	M.Sc., UGC –NET

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received

Name of the Faculty	Project / Fundung Agency	Period	Grant Sanctioned	Grant received
Dr. J.K Reshma	Major Research Project (UGC)	3 Years	7,73,300/-	4,21,800/-
Dr. Ayona Jayadev	Major Research Project (UGC)	3 Years	12,74,300/-	8,87,800/-
Ms. Rajani V	Minor Research Project (UGC)	2 Years	2,00,000/-	1, 75,000/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received- Amount totaling to ₹ 13,09,600/-

18. Research Centre/ facility recognized by the University-

Awaiting approval from University of Kerala after Syndicate meeting

19. Publications:

DETAILS OF RESEARCH PUBLICATIONS

Name of the faculty	Name of the journal/ ISSN/	Title of the paper	Level	Year Volume/ Pg.No:
Dr. J. K. Reshma	Journal of Environmental Biology	Quantification of polyphenols during retting and characterization of bacteria from Kadinamkulam backwaters, Kerala	International	2011 Vol 32, pp.133-137
	International Water Association	Biodegradation of Phenol in Pulp and Distillery effluents by Bacterial cultures	International	2011 Vol. 3(3), pp.145-149
	Journal of Basic and Applied Biology	“Comparative evaluation of fish species thriving in anoxic and freshwater habitats”	International	2013 Vol. 7(3), pp.39-41
	Asian Journal of Environmental Sciences	‘Biodegradation pattern of polyphenols released during husk retting in different bacterial isolates in vitro’	International	2013 Vol. 8(2), pp.86-89



	Asian Journal of Environmental Sciences	'Estimation of Lycopene content in different tomato varieties and its commercial products'	International	2013 Vol. 8(2), pp.122-124
	'Journal of Ecobiology'	"Food adulteration of commercially available commodities at Thiruvananthapuram, Kerala"	International	2014 Vol. 33(1), pp.69-76
	International Journal of Science And Nature	Biodegradation of phenol- Aerobic and anaerobic pathways – a review	International	2014 Vol. 5(3), pp.366-387
	Journal of Ecotoxicology and Environmental Monitoring	Screening of various fruits and vegetables for excessive nitrogen containing pesticides	National	Vol 23. No.4.,2013. , pp281-288.
	Journal of Global Biosciences	Phenol degradation of bacteria isolated from coir retting beds of south Kerala coast	International	2014, Vol. 3(6), p. 935-940.
	International Journal of Pure and Applied Bioscience	Study of repellent activity of different plant powders against cockroach (Periplaneta Americana)	International	2014, Vol. 2(6), p.185-194.
	Journal of Basic and Applied Biology	"Effect of Pollution on the fish diversity in Mangrove ecosystem of Akkulam – Veli lake, Thiruvananthapuram, South India"	International	2013 Vol. 7(3), pp. 42-44.
Dr. Ayona Jayadev	'Ecology and fisheries'	"Seasonal changes in bacterial indicators in drinking water of Thiruvananthapuram corporation, Kerala"	International	2013 Vol. 6(1) pp. 43-52
	'The Bioscan'	"Phytochemical analysis and evaluation of antibacterial and antioxidant activities of Vitex negundo and Ophiorrhiza mungos"	International	2013 Vol 8(2) pp. 661-664
	'Ecology and fisheries'	"Global climate change and activities of marine microbes- A review"	International	2013 Vol 6(2) p p.85-94
	Asian Journal of Environmental Sciences	'Isolation of Protease producing bacteria from a biofertilizer generated from a municipal solid waste'	International	2013 Volume 8(2), p.101-1
	'The Ecoscan'	"Isolation of Amylolytic Bacteria from a Biofertilizer Generated From Municipal Solid Waste"	International	Accepted for publication
	'Asian Journal of Microbiology, Biotechnology and Environmental Sciences'	"Bioprospecting marine microorganisms through culture dependant methods"	International	Accepted for publication



	'Asian journal of Microbiology, biotechnology and Environmental Sciences'	Bioprospecting Microorganisms of Marine Environment – A Review	International	2014 Vol: 16(1) pp.137 – 143
	International Journal of Biotechnology and Biochemistry	"Isolation and Characterization of cellolytic bacteria from a biofertilizer generated from Municipal Solid Waste"	International	Accepted for publication
	Journal of Global Biosciences	Differential Capacity of Nutrient Mobilization of Microbial Flora from a Chemical Fertilizer applied and a Biofertilizer applied Rhizosphere	International	4 (2), 2015
	Journal of Chemical, Biological and Physical Sciences	Comparative Nutritional Evaluation of three Plant Modifications: Cladode, Phyllode and Phylloclad	International	5(2), 2015
	International Journal of Scientific and Engineering Research	Isolation and Screening of actinomycetes from Marine Samples for Enzyme Production	International	5(12), Dec 2014
	Journal of Basic and Applied Biology	"Effect of Pollution on the fish diversity in Mangrove ecosystem of Akkulam – Veli lake, Thiruvananthapuram, South India"	International	Vol. 7, No. 3 2013
	Asian Journal of Environmental Science	"Seasonal Changes in coliform contamination of potable ground water sources in Thiruvananthapuram, Kerala, India"	International	2009 4(2)
	Asian journal of Microbiology, biotechnology and Environmental Sciences	"Isolation and Characterization of lipase producing bacteria from a biofertilizer generated from Municipal Solid Waste" 2014.	International	2014
Dr. Smitha Asok V.	International Journal of Environmental Sciences	Spatial Information technology as a tool for soil erosion assessment using USLE-A study in the Shendurney Wild Life Sanctuary, South Kerala, India'	International	2011 Vol. 1. No.7, pp. 1978-1988
	Journal of Basic and Applied Biology	"Utilisation of Limnocharis flava an invasive exotic aquatic weed from Kuttanad wetland ecosystem as a potential feedstock for aquaculture"	International	2013 Vol. 7, No. 3 pp. 53-55



	Journal of Ecology, Environment and Conservation	'Digital Terrain Modelling of a Small Micro -Watershed Using GIS, in Karamana River Basin, Thiruvananthapuram'	International	2013 Vol: 19 (4): pp. (141-146)
	Asian Journal of Environmental Sciences	'Landscape level floral biodiversity characterization and estimation in Shendurney wildlife sanctuary using remote sensing and GIS techniques	International	2013 Volume 8, Issue 2 p.98-100
	Global Journal of Environmental Research	'Analysis of variation of soil bulk densities with respect to different vegetation classes, in a tropical rain forest – a study in Shendurney Wildlife Sanctuary, S. Kerala, India'	International	2014 Vol.8 (1) pp. 17-20
	Journal of Aquatic Biology and Fisheries	'A comparative evaluation of effluent characteristics of Travancore Titanium Products Limited and Hindustan Lifecare Limited, Thiruvananthapuram'	International	2014 Vol. 2/2014/ pp. 740- 744
	Pollution Research	'A critical evaluation of stage-wise reduction in pollutant load in the Effluent Treatment Plant of Hindustan Lifecare Limited, Thiruvananthapuram'.	International	2014, Issue no. (2), ISSN 0257 – 8050.
Smt. Rajani V.	Journal of Basic and Applied Biology	"Preliminary study on antioxidant potential of two aquatic weeds- Water hyacinth and Duckweed",	International	2013 Vol. 7, No. 3 p. 59-61
	Ecology and Fisheries	'Comparative study on water quality parameters of fresh water habitats in selected areas of Thiruvananthapuram City, Kerala, India',	International	2014 Vol.7(2):9-16
	Research Journal of Chemistry and Environment	'Water quality analysis of two surface water resources in Thiruvananthapuram, Kerala, India',	International	2014 Vol.18(7):8-15
	Pollution Research	"Ground water pollution in Kerala – a Review"	International	2014 Vol. 34 (1) pp. 87-92
	Journal of Ecotoxicology and Environmental Monitoring	"Evaluation of nutritional and anti-oxidant properties of fresh and pickled Averrhoa bilimbi"	International	2014 Vol. 24(3) pp., 85-94
	International Journal of Science and Nature	"Aminoacid Profiling and Antioxidant potential of Some Selected Edible plants."	International	ISSN 2229-6441, vol6 (1), 74-79.



	International Journal of Research and Review	Microbial degradation of Phenol - a Review	International	ISSN: 2349-9788, vol. 2(2), 46-54.
	Journal of Global Biosciences	‘ Human urine as afertilizer- a comparative study using Solanum lycoperiscum and Capsicum sp’	International	ISSN 2320-1355vol 4(2), 1448-1455
	International journal of chemical, physical and biological sciences	“A Preliminary Study on Root Nodules of Selected Terrestrial Plants and Their Contribution to Soil Macronutrients”	International	JCBPS; Section B; Feb.2015– Apr.2015, Vol. 5, No. 2; 1620-1626.

DETAILS OF PAPER PRESENTATIONS

Name of the faculty	Level	Title of the paper	Venue	Date
Dr. J. K. Reshma	International (3)	Occurrence of polyphenols released during coconut husk retting and characterization of bacteria from Kadinamkulam backwaters, Kerala, India	University of Kerala, Thiruvananthapuram	2011
		“Screening of Enzymatic activity in different Bacterial Isolates treated with phenol”	All Saints’ College, Thiruvananthapuram	17th and 18th February 2014
		“Comparative evaluation of fish species thriving in anoxic and freshwater habitats”	All Saints’ College, Thiruvananthapuram	18-19 July 2013
	National (4)	“Review on Extra hydrolytic enzyme producing microbes from dump soil samples in Trivandrum city”	All Saints’ College, Thiruvananthapuram	13th and 14th March, 2014
		‘Importance of Lycopene in diet’	All Saints’ College, Thiruvananthapuram	10-11 February 2014
		“Empowerment of Women- Challenges and prospects- A Socio Economic perspective”	All Saints’ College, Thiruvananthapuram	29th and 30th January 2014
		“Evaluation of fruit peels for some selected nutritional and antinutritional factors”	All Saints’ College, Thiruvananthapuram	13th and 14th March, 2014
Dr. Ayona Jayadev	International (4)	“Activity screening of mangrove microbes through a metagenomic approach”	University of Kerala, Thiruvananthapuram	2011
		“Screening of Enzymatic activity in different Bacterial Isolates treated with phenol”	All Saints’ College, Thiruvananthapuram	17th and 18th February 2014



		“Isolation of Lipase producing bacteria from a Natural Environment”	All Saints’ College, Thiruvananthapuram	17th and 18th February 2014
		“Effect of Pollution on the fish diversity in Mangrove ecosystem of Akkulam – Veli lake, Thiruvananthapuram, South India”	All Saints’ College, Thiruvananthapuram	18-19 July 2013
	National (5)	‘Nutrient Mobilization by Microbial Flora of a Leguminous and Non-leguminous Rhizosphere – A Review’	All Saints’ College, Thiruvananthapuram	13th and 14th March, 2014
		‘Comparative evaluation of photosynthetic efficiency of a phylloclade (Opuntia), a phyllode (Acacia) and a cladode (Asparagus)’	All Saints’ College, Thiruvananthapuram	13th and 14th March, 2014
		‘Bioprospecting Marine Actinomycetes for Lipase Production’	All Saints’ College, Thiruvananthapuram	13th and 14th March, 2014
		Differential Capacity of Nutrient Mobilization of Microbial Flora from a Chemical Fertilizer applied and Biofertilizer applied Rhizosphere	All Saints’ College, Thiruvananthapuram	8th and 9th January, 2015
		Isolation and Screening of Actinomycetes from Marine Samples for Cellulase Production	All Saints’ College, Thiruvananthapuram	8th and 9th January, 2015
Dr. Smitha Asok V.	International (4)	“Vegetation Class based Floral Biodiversity Estimation in Shenduruney Wild Life Sanctuary using Remote Sensing and GIS”	S. N. College, Chempazhant hy, Thiruvananthapuram	7th and 8th September 2012
		“An attempt for the utilization of an invasive weed as a feed stock in anaerobic digestors for recovery of energy from Kuttanad Wet Land Ecosystem”	All Saints’ College, Thiruvananthapuram	17th and 18th February 2014
		“Utilisation of Limnocharis flava an invasive exotic aquatic weed from Kuttanad wetland ecosystem as a potential feedstock for aquaculture”	All Saints’ College, Thiruvananthapuram	18-19 July 2013
		“A Comparative evaluation of effluent characteristics of Travancore Titanium products limited and Hindustan lifecare limited, Thiruvananthapuram”	Kottakkattu Convention Centre, Thiruvananthapuram	3rd to 5th October 2013



	National (1)	'Hydrological studies of a small watershed area of Karamana river basin using GIS.'	All Saints' College, Thiruvananthapuram	13th and 14th March, 2014
Ms. Rajani V.	International (3)	"Antioxidant and Radical Scavenging Potential of Eichhornia crassipes and Lemna minor"	S. N. College, Chempazhant hy, Thiruvananthapuram	7th and 8th September 2012
		"Present Scenario on Ground Water Pollution – A Review"	All Saints' College, Thiruvananthapuram	17th and 18th February 2014
		"Preliminary study on antioxidant potential of two aquatic weeds- Water hyacinth and Duckweed"	All Saints' College, Thiruvananthapuram	18-19 July 2013
	National (2)	"Antioxidant Properties of Averrhoa bilimbi – A Review"	All Saints' College, Tvm	13-14 March, 2014
		'A comparative study on nitrogen fixing capacity and analysis of macronutrients in different soil types by some terrestrial plants'	All Saints' College, Thiruvananthapuram	8th and 9th January, 2015

BOOKS/CHAPTERS OF BOOKS PUBLISHED:

Sl. No	Name of author	Name of Book/Chapters	ISBN No
1.	Dr. Ayona Jayadev	Biomonitoring Microbial Pathogens and Indicators in Potable Water of Thiruvananthapuram Corporation, Kerala, India (Chapter in: Air, Water and Soil Pollution)	ISBN: 978-81-272-4019-6
2	Dr. Smitha Asok V. (Editor)	Proceedings of the National Seminar on 'Contemporary Techniques in Environmental Research and Conservation (CTERC-2014)	ISBN: 978-93-83083-81-7

20. Areas of consultancy and income generated

Sl No:	Consultancy Service	Amount generated
1	Quality Assessment of Drinking water	Free of cost
2	Coaching class for NET in Environmental Sciences	Free of cost
3	Awareness generation related to Environmental issues for students of other departments	Free of cost
4	Propagation of rare, endangered and threatened species of plant varieties in the campus and services related to promoting plantation in the locality	Free of cost

21. Faculty as members in

- National committees- Dr. Smitha Asok V. is the life member of Indian Society of Remote Sensing (Membership No: L-4135)
- International Committees - Nil
- Editorial Boards- Dr. Smitha Asok V. is the Editor of Proceedings of the National Seminar on 'Contemporary Techniques in Environmental



Research and Conservation (CTERC-2014) (ISBN: 978-93-83083-81-7)

22. Student projects

a) In house projects (All Saints' College) - **51%**

Percentage of students who have done in-house projects including inter departmental/ programme

Total Projects done during last 5 years - 45

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies

Outside the college – 49% (Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,TVPM -15 %, Centre for Earth Science Studies Akkulam, TVPM- 7 %, Agriculture college Vellayani- 11 %, Hindustan Life Care Limited (HLL), TVPM- 4 %, Centre for Geo Information Science and Technology, University of Kerala- 4 %, Vikram Sarabhai Space Centre-2 % and Kerala State Pollution Control Board, TVPM- 2 %)

Name of Student	Title of project	Place of work
2009- 2011		
Anitta Alex. A	Study on land use land recovery pattern and related environmental issues on agriculture in Panavoor Panchayath	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,TVPM
Bincy .K	Rock quarrying and sand mixing related environmental problems in Aruvikkara Panchayath	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,TVPM
Lekshmi . I	Hydro chemistry and water quality assessment of Neyyar river, South Kerala , India	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,Tvp
Nisha . U.R.	Water quality assessment of irrigation project- A case study from Neyyar river Basin, Kerala, India CESS	Centre for Earth Science Studies Akulam, TVPM
Remya U. V.	Isolation and testing of cellulolytic organisms	All Saints' College
Sangeetha. J	Water quality of Neyyar reservoir Thiruvananthapuram District	Centre for Earth Science Studies Akulam, TVPM
Saranya . S	Laterite hill depletion in Karakulam Panchayath and environmental impact using geomatic tools.	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,Tvp
Sukanya .S	Diurnal and seasonal variations of atmospheric aerosols and meteorological effects at the coastal site, Thumba	Vikram Sarabhai Space Centre, TVPM



Sreesha . K.P	Study on land use conversion and environmental problems in Anad Panchayath using GIS technique	Centre for Earth Science Studies Akulam, TVPM
2010-2012		
Aprna Guleria	Hydrological study of a micro watershed in Karamana river basin of geographical transformation system	All Saints' College
Asha Raj. R	Laboratory evaluation of Chromonalaena odorata ,Gliricidea maculate, Melia azadirachta, Nerium indica and sida rhombifolia as potential larvicides.	All Saints' College
Aswathy Krishnan.G	Comparitive study on water quality parameters of fresh bodies in selected areas of Thiruvananthapuram city	Kerala State Pollution Control Board, TVPM
Jaya.C	Evaluation of photosynthetic pigments and photosynthetic efficiencies of a Cladode , Phyllode and Phylloclade.	All Saints' College
Saly.K.V	Anti oxidant and radical scavenging potential of two hydrophytes Water hyacinth and duck weed.	All Saints' College
Saranya.V.S	Geographical information system as a tool for terrain analysis study in a micro water shed of Karamana river basin	All Saints' College
Saritha.G. Nair	Laboratory evaluation of Anthrographis paniculata, Adathoda vasica, Lantana camera and Osimum sanctum.	All Saints' College
Shamila. K	Anti oxidant potential of species of Acacia, Asparagus and Opuntia.	All Saints' College
Shyama.U.T	Study on plankton diversity of some selected fresh water bodies of Thiruvananthapuram city.	All Saints' College
Similal.K	Digital similar terrain modeling of a small micro watershed in Karamana river basin	All Saints' College
Sreelekshmi.K.S	Comparitive nutritional studies of Acacia, Asparagus and Opuntia.	College of Agriculture, Vellayani
2011- 2013		
Aarathy . U.L	Land use change dynamics of karamana river basin, Trivandrum	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,Tvp
Anila. G.J	Isolation and characterization of proteolytic bacteria from biofertiliser generated from solid waste.	College of Agriculture, Vellayani
Anuja Mohan	Characterisation of lipase producing bacteria from a biofertilizer.	College of Agriculture, Vellayani



Howlath. R.	A comparative evaluation of effluent characterization of Travencore titanium products limited and Hindustan lifecare limited, Trivandrum	Hindustan Life Care Limited (HLL), TVPM
Manju . M.P	Detection of commonly found food adulterants in coffee, tea, pulses and salt.	All Saints' College
Priya.P	Isolation and identification of Amylolytic bacteria from digested municipal solid waste.	All Saints' College
Priya.S	Screening of various fruits and vegetables for excess nitrogen containing insecticides.	All Saints' College
Reshma Nadesan	Detection of commonly found food adulterants in curry powder (chilly and turmeric powder) rice and pulses.	All Saints' College
Saranya S Nair	Land use / land cover predictive mapping using remote sensing and GIS tools- a study from Neyyar Wildlife Sanctuary	Centre for Geo Information Science and Technology, University of Kerala
Shyma P Darsan	Estimation of lycopene content in different species of tomatoes and commercial products.	All Saints' College
Sindu S S	Automated Land use/ land cover mapping using Remote sensing and GIS techniques- a study from Peppara wildlife sanctuary	Centre for Geo Information Science and Technology, University of Kerala
Sreela A S	A critical evaluation of stage wise reduction in pollutant load in the effluent treatment plant of Hindustan latex.	Hindustan Life Care Limited (HLL), TVPM
Vinaya S	Physico-chemical and microbiological characterization of biofertilizer generated from solid waste and antibiotic resistance analysis of bacterial isolates.	College of Agriculture, Vellayani
2012-2014		
Alaka R S	Human urine as a fertilizer. A comparative study on using tomato (Solanum lycopersicum) and Capsicum sp.	All Saints' College
Aneesa Abdul Jabbar	Nutrient mobilization action of microflora of a leguminous and non-leguminous rhizosphere.	All Saints' College
Anula Susan Varghese	Activity screening of bacterial isolates from dump soil samples.	All Saints' College
Archana S R	An evaluation of anti oxidant properties of fresh and pickled Averrhoa bilimbi	All Saints' College



Jemshi Rasheed	Study of sewage treatment network in Thiruvananthapuram Corporation using remote sensing and GIS technique- Land use board	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,Tvp
Nova Francis	Comparative analysis of siderophore and antibiotic production by microbial flora of a leguminous and non leguminous rhizosphere.	All Saints' College
Rejitha T P	Study of repellent activity of different plant powders against cockroach.	All Saints' College
Reshma C V	A study on impact of tourism and fisheries activities on environment using remote sensing and GIS technology. A case study in Vizhinjam village, Thiruvananthapuram	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,Tvp
Sandra Miranda Yeshudasan	Differential capacity of nutrient mobilization of microbial flora from a chemical fertilizer and biofertilizer applied of a leguminous and non leguminous rizosphere.	All Saints' College
Shijitha Mohanan J S	A study on changed land use patterns in the proposed harbor area, Vizhinjam, Tvm using remote sensing and GIS technique.	Kerala State Remote Sensing And Environmental Centre , State Govt. Office ,Tvp
Sowmya K Krishnan	Amino acid profiling and protein content of some edible plants	All Saints' College
Srithi S Thampi	A comparative study of nitrogen fixing and analysis of micronutrients of terrestrial weeds.	All Saints' College

23. Awards/ Recognitions received by faculty and students

2011-2012		
Faculty		
Name of Faculty	Recognition	Event
Dr. Ayona Jayadev	Certified A- View Trainer	Certificate Issued by Amritha Viswavidyapeetham, Vallikavu
Students		
Name of Student	Position	Event
Shamila K and Similal K	II Prize	Quiz competition organized by British Council, Chennai and Association of British Scholars, Thiruvananthapuram at Museum Auditorium, Thiruvananthapuram
Aprna Guleria	I prize in Hindi elocution II prize in Hindi recitation, I prize in Hindi debate	Literary competitions conducted in All Saints' College, Thiruvananthapuram
2012-2013		
Faculty		
Name of Faculty	Recognition	Event



Smt. Smitha Asok V.	Best Paper Award	Seminar on World Bioheritage Concerns over Climate Change with a special reference to Ethnic Vegetables (Botanica, 2012) on September 7th and 8th at S. N. College, Chempazhanchi, Thiruvananthapuram, Kerala.
Students		
Name of Student	Position	Event
Anuja Mohan	II place	Short Story Writing in the 'Paristhithi Kalotsavam' Organized by Centre for Gandhian Studies
Srthi Thampi	II prize	Rangoli competition conducted at youth festival conducted at Mavelikkara, February 2013.
Srthi Thampi	II prize	Mehandi designing conducted at Mar Ivanios College-Ivanofest on February 2013.
2013-2014		
Faculty		
Name of Faculty	Recognition	Event
Dr. Smitha Asok V.	Life Member of the Indian Society of Remote Sensing (Membership No. L-4135)	Certificate of Membership and admitted as the Life Member of the Indian Society of Remote Sensing
Dr. Ayona Jayadev	Invited for a Lecture	23.10.2013 at K.K.T.M Govt. College, Kodungalloor, Kerala
Dr. Smitha Asok V.	Invited as a Judge	6th Children's Biodiversity Congress 2013 organized by the Kerala State Biodiversity Board
Dr. Ayona Jayadev	PI for a student project	Funded by The Kerala State Council for Science, Technology and Environment, Government of Kerala)
Dr. Smitha Asok V.	PI for a student project	Funded by The Kerala State Council for Science, Technology and Environment, Government of Kerala)
Dr. Ayona Jayadev	Best Paper Award	The seminar on "Contemporary Techniques in Environmental Research and Conservation'(CTERC-2014)
Dr. J. K. Reshma	Subject Expert	Panel Discussion held in connection with the World Water Day celebrations at Sree Chithira Thirunal College of Engineering, Thiruvananthapuram
Dr. Ayona Jayadev	Subject Expert	Panel Discussion held in connection with the World Water Day celebrations at Sree Chithira Thirunal College of Engineering, Thiruvananthapuram
Students		
Name of Student	Event	Name



Ms. Aneesa Abdul Jabbar	II Prize	Essay writing Competition held in connection with the World Environment Day Celebration, University of Kerala, Kariavattom Campus
Ms. Shyma P. Darshan	II Prize	Poster making Competition held in connection with the World Environment Day Celebration, University of Kerala, Kariavattom Campus
Nova Francis Ms. Aneesa Abdul Jabbar Shijitha Mohanan	I Prize II Prize II Prize	Poster making competition held in connection with the World Blood Donors Day
Archana V.M Aneesa Abdul Jabbar Sandra Yesudasan Miranda	I Prize II Prize III Prize	Essay writing competitions organized by Department of Museum and Zoo
Anna Joseph	I prize	State wide elocution competition organized by Kerala State Blood transfusion Council
Aneesa Abdul Jabbar and Sandra Yesudasan Miranda	I Prize	Quiz competition at Department of Botany, University of Kerala, Thiruvananthapuram
2014-2015		
Faculty		
Name of faculty	Recognition	Event
Dr. J.K. Reshma	Members of Network of Researchers	International and Inter University Centre for Natural Resources Management (IIUCNRM), with effect from 04.06.2014
Dr. Smitha Asok V	Members of Network of Researchers	International and Inter University Centre for Natural Resources Management (IIUCNRM), with effect from 04.06.2014
Dr. J. K. Reshma	FLAIR member, 2014-2015	Fostering Linkages in Academic Innovation and Research (FLAIR), a capacity building Programme of the Department of Higher Education, Government of Kerala
Dr. Ayona Jayadev	FLAIR member, 2014-2015	Fostering Linkages in Academic Innovation and Research (FLAIR), a capacity building Programme of the Department of Higher Education, Government of Kerala
Dr.J.K Reshma	Advisory Committee Member of NSS	NSS, University of Kerala, on 29.08.2014



Dr. J.K.Reshma	Best Programme Officer	Certificate of Appreciation for Best Programme Officer(National Service Scheme), for the academic year 2013-14, from the Hon. Vice Chancellor, University of Kerala
Dr. Smitha Asok	Chair Person	II semester Examination, Career Related FDP under CBCSS
Dr. Reshma.J.K	Chair Person	I, III and V semester Examination, Career Related Degree Programme under CBCSS
Dr. Ayona Jayadev	FLAIR International Intern	Fostering Linkages in Academic Innovation and Research (FLAIR), a capacity building Programme of the Department of Higher Education, Government of Kerala
Students		
Name of Student	Event	Name
Sandra Yesudasan Miranda	I Prize	Quiz Competition in the One day Seminar on "Scientific Outlook on Biodiversity Conservation, held by University College, 2014
Sandra Yesudasan Miranda	I Prize	Essay Writing Competition conducted by the Manambur Service Co-operative Bank on 9th September, 2014
Souparnika S.	II Prize	Poster Making Competition by the Department of Environmental Sciences, University of Kerala, Karivattom Campus

24. List of eminent academicians and scientists / visitors to the department

Name of Academician/Scientist	Designation	Organisation	Event	Date
Dr.V.R.Prakasam	Reader	Department of Environmental Sciences, University of Kerala	Invited Lecture- Inauguration of Bhoomithra Sena Club	29-03-2011
Dr.Ajay Kumar Varma	Scientist	Centre for Earth Science Studies, Akkulam	Invited Lecture	27-2-2012
Mr. Tirtha Prathim Das	Scientist	Vikram Sarabhai Space Centre, Valiamala	Invited Lecture	27-2-2012
Mr. Renjan Mathew Varghese	State Director	WWF-India, Kerala State Office	Invited Lecture	27-2-2012
Mr. Harikumar	Programme Co-ordinator	Energy Management Centre – Kerala	Invited Lecture	2-3-2012



Dr.V, Salom Gnana Thanga	Assistant Professor	Department of Environmental Sciences, University of Kerala	Invited Lecture	25-7-2012
Sri. Vinod Kotabagi	Legal Advisor	Bangalore	Invited Lecture	25-7-2012
Mr. Praveen	Scientist	NIIST, Pappanamcode	Invited Lecture	25-7-2012
Mr. Safikh	Programme Co-ordinator	Patent Information Centre-Kerala	Invited Lecture	25-7-2012
Dr. Thrivikramji. K.P	Programme Director	Centre for Environment and Development	Invited Lecture	26-8-2013
Dr. Vinod	Programme Director	Centre for Environment and Development	Invited Lecture	18-10-2013
Smt. Lakshmi Hari	Research Associate	Centre for Environment and Development	Invited Lecture	18-10-2013
Sri. T.P. Srinivas	Former Ambassador	Executive Head of the Kerala State Higher Education Council	Inaugural Address – National Seminar	13-3-2014
Dr. Oommen V Oomen	Chairman	Kerala State Biodiversity Board	Invited lecture	13-3-2014
Mr. Renjan Mathew Varghese	State Director	WWF-India, Kerala State Office	Invited Lecture	13-3-2014
Dr. Beena Lawrence	Assistant Professor	Womens Christian College, Nagercoil, Tamilnadu	Invited Lecture	14-3-2014
Dr. Isac Sobanaraj	Assistant Professor	N M Christian College, Marthandam, Tamilnadu	Invited Lecture	14-3-2014
Mr. Vinod.S	Assistant Conservator of Forests	Social Forestry Division, Olavacode, Palakkad, Kerala	Invited Lecture	14-3-2014
Dr. E. Shaji,	Assistant Professor	Department of Geology, University of Kerala	Inaugural address- Department Association	5-6-2014
Dr. Jaya D.S.	Associate Professor	Department of Environmental Sciences, University of Kerala	Inaugural address- National Science Day Celebrations	27-2-2015
Dr. Allan Thomas	Assistant Professor	Department of Extension, College of Agriculture, Vellayani	Invited Lecture	27-2-2015
Dr. Rajesh Raghunath	Assistant	Department of	Invited	12-3-



	Professor	Geology, University of Kerala	Lecture	2015
Dr. Jobin Thomas	Research Associate, IIUCNRM	Department of Geology, University of Kerala	Invited Lecture	12-3-2015
Dr. Abin	Faculty	State Institute of Rural Development	Invited Lecture	12-3-2015

25. Seminars/ Conferences /Workshops organized & the source of funding

Seminars/Conferences/Workshops organized & the source of funding	
a) National	3
b) International	Nil
<ol style="list-style-type: none"> Two day UGC sponsored National Conference on “Biodiversity conservation-Conservation of nature’s endless and unexplored resources “on 28th and 29th September 2011 One day regional seminar sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) and supported by DST on ‘Clean energy options and nuclear safety ‘ in connection with National Science Day 2012 during 27th February 2012 National level workshop on Intellectual Property Rights sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) on 25th July 2012. Two day national Seminar on ‘Contemporary Techniques in Environmental Research and Conservation’(CTERC-2014) on 13th and 14th of March 2014, with financial assistance from DoECC (Directorate of Environment and Climate Change), NABARD and KSCSTE (Kerala State Council for Science, Technology and Environment). World Environmental Day Celebrations 2014 with financial assistance from Kerala State Council for Science, Technology and Environment(KSCSTE) on ‘Raise Your Voice Not The Sea Level’ One day regional seminar, inter-collegiate Essay and Elocution competitions in connection with the National Science Day celebrations 2015 on 27.02.2015. The event was conducted under financial aid from the Kerala State Council for Science Technology and Environment and supported by Department of Science and Technology, Government of India. An Orientation programme for undergraduate and post graduate students and faculty was organised jointly by Department of Environmental Sciences and International and Inter University Centre for Natural Resource Management (IIUCNRM), University of Kerala on 12.03.2015. 	

26. Student profile programme/ course wise:

Year	Name of the Course/ programme	Applications received	Selected	Enrolled	Pass percentage
				*F	
2010-2011	M Sc Environmental Sciences	457	12	12	100%
2011-2012		542	13	13	92%



2012-2013		348	13	13	100%
2013-2014		390	12	12	100%
2014-2015		837	13	13	Result awaiting

27. Diversity of Students

Year	Name of the Course	%of students from the same state	% of students from other states	%of students from abroad
2009-2010	M Sc Environmental Sciences	9	-	Nil
2010-2011		11	1	
2011-2012		13	-	
2012-2013		13	-	
2013-2014		12	-	
2014-2015		13	-	

28. How many students have cleared national and state competitive examination ssuch as NET, SLET, GATE, Civilservices, Defense services,etc.?

NET – Similal K, Sukanya S,

29. Student progression

Student progression	Against%enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG toPG	Not applicable				
PG to M.Phil.	13.33	6.66	26.66	13.33	Doing PG
PG to Ph.D.				13.33	
Ph.D.toPost-Doctoral	Nil	Nil	Nil	Nil	
Employed •Campusselection •Other than campus	6	7	3	4	
Entrepreneurship/Self-employment	1	1		1	

30. Details of Infrastructural facilities

a)	Library	Department Library available
b)	Internet facilities for staff & students	Yes
c)	Class rooms with ICT facility	1
d)	Laboratories	Common lab for Chemistry and Microbiology

31. Number of students receiving financial assistance from college, university, government or other agencies

Name of the scholarship	Number of Students receiving financial assistance				
	2010-11	2011-12	2012-13	2013-14	2014-15
Suvarna Jayanthi Merit Scholarship		1			
Fisheries Scholarship	1			3	



E-Grant					
Mohammed Koya Scholarship	1	1	1	1	
SC/ST	4	8	3	3	2
OBC	4	7	9	3	7
Fisheries	1			3	
FC		2	2	7	
Total Scholarships availed	11	19	15	20	9

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

Year	Name and address of Academician/Scientist	Event/Topic
2009-2010	Activities carried out along with Departments of Chemistry and Botany as the course was handled by the above said Departments	
2010- 2011	Dr.V.R.Prakasam Associate Professor, Department of Environmental Sciences, University of Kerala, Kariavattom	Invited Lecture on 'Vermicomposting' during Inauguration of "Bhoomithra Sena Club"
2011- 2012	Dr.Ajay Kumar Varma Scientist Centre for Earth Science Studies, Akkulam	Invited Lecture on 'Clean Energy Options'
	Mr. Tirtha Prathim Das Scientist, VSSC(Vikram Sarabhai Space Centre), Valiamala	Invited Lecture on 'Nuclear Energy and Environmental Safety'
	Mr. Renjan Mathew Varghese, State Director, WWF-India	Invited Lecture on 'Sustainable development , Ecological Footprint and Energy Security'
	Mr. Harikumar Programme Executive CISSA-Energy Management Initiative, Govt. of Kerala	Invited Lecture on 'Need for Biodiversity Conservation' during Inauguration of "Biodiversity Expo" organized by the Department
2012- 2013	Dr.V, Salom Gnana Thanga Head, Department of Environmental Sciences, University of Kerala, Kariavattom	Invited Lecture on 'Need for Patent in Science Research'
	Sri. Vinod Kotabagi, Legal Advisor PIC-Facility Centre, Karnataka	Invited Lecture on 'Intellectual Property Rights'
	Mr. Praveen Scientist, NIIST(National Institute for Interdisciplinary Science and Technology), Pappanamcode	Invited Lecture on 'Patents and Need for Patenting'
	Mr. Shafikh KSCSTE, Sasthra Bhavan, Thiruvananthapuram	Invited Lecture on 'Support mechanism of KSCSTE in promoting Science Research'
2013- 2014	Dr. Thrivikramji. K.P Programme Director, Centre for Environment and Development,Thiruvananthapuram	Invited Lecture on 'Geographical Information System'.
	Dr.Vinod Programme Director, Centre for Environment and Development,Thiruvananthapuram	Invited Lecture on 'Geoinformatics: A vital input for Environment Management'



	Smt. Lakshmi Hari, Reserch Associate Centre for Environment and Development,Thiruvananthapuram	Invited Lecture on 'Introduction to Geographical Information System'
	Sri. T.P.Srinivas Former Ambassador and Executive Head of Kerala State Higher Education Council, Thiruvananthapuram	Inaugural Address on 'Role of Science in Nation Building' during National Seminar (CTERC-2014) organized by the Department
	Dr. Oommen V Oomen Chairman, Kerala State Biodiversity Board, Thiruvananthapuram	Invited lecture on 'Biodiversity Conservation-An Indian Initiative'
	Mr. Renjan Mathew Varghese State Director, WWF-India, Kerala State Office, Thiruvananthapuram	Invited Lecture on ' Human-Animal Conflicts-The growing disaster in Kerala'
	Dr. Beena Lawrence Assistant Professor, Womens Christian College, Nagercoil, Tamilnadu	Invited Lecture on 'Phytoremediation and its Importance'
	Dr. Isac Sobanaraj Assistant Professor, N M Christian College,Marthandam, Tamilnadu	Invited Lecture on 'Zero Waste Management-A Practical Approach'
	Mr. Vinod.S Assistant Conservator of Forests, Social Forestry Division, Olavacode, Palakkad, Kerala	Invited Lecture on 'Sustainable Forest Management'
2014-2015	Dr. E. Shaji Assistant Professor, Department of Geology, University of Kerala	Topic on 'Small islands and Climate Change' during inauguration of Department Association (World Environment Day 2014)
	Dr. Jaya D.S., Associate Professor, Department of Environmental Sciences, University of Kerala	Role of Women in Science for Nation building-
	Dr. Allan Thomas, Assistant Professor Department of Extension, College of Agriculture, Vellayani	Science and Society – National Science Day Celebrations 2015
	Dr. Rajesh Raghunath, Assistant Professor Department of Geology, University of Kerala	Wetland Conservation
	Dr.Jobin Thomas, Research Associate, IIUCNRM Department of Geology, University of Kerala	Applications of remote sensing in wetland conservation
	Dr. Abin, Faculty, State Institute of Rural Development	Ecology of Wetlands

33. Teaching methods adopted to improve student learning

- ICT enabled teaching
- Power Point Presentations
- Animation displays
- Seminars
- Group discussion and Panel discussions
- Green film fest



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Students are Members of Biodiversity Club and Bhoomithra Sena Club
 - Major emphasis given to generating awareness towards environmental problems
 - Response towards current environmental issues
 - Developing research aptitude and take up research projects relevant to the community/society
 - Collaborative research projects with IIUCNRM (International and Inter University Centre for Natural Resource Management)
35. SWOC analysis of the department and Future plans

STRENGTHS

- Mission Statement- imparting knowledge to all
- Creating commitment for environmental conservation
- Vibrant and Illustrious faculty
- Student-centered teaching
- Faculty- Fully committed and firmly believe in lifelong learning and unlearning
- Harmonious relationship among the members of the departmental staff, students and parents
- Faculty and students- recipients of several distinctions and awards implemented by different Higher Education bodies
- Integration of teaching and research
- High success rates in University examinations
- Active participation by faculty members in contributing to curriculum design and implementation
- Wide range of extension, co-curricular and extra-curricular activities
- Student feedback analyzed and used for overall improvement
- Optimum utilization of resources
- ICT enabled teaching methodology implemented along with conventional methods
- Concern and facilities for student centric activities
- Promotion of Environment conservation activities

WEAKNESSES

- Limitation of space
- Lack of stable and uninterrupted power supply
- Diverse student community
- Due to the economic background of students and the paucity of time available to them, limitation on implementing of academic progression activities
- Paucity of time for the teachers for research work

OPPORTUNITIES

- Streamlining collaborations and linkages with different research departments and industries
- Exploring possibility of collaborative research with research institutions and Upgradation of the department into a research centre with well equipped laboratories and qualified faculty with guidance



CHALLENGES

- Keeping pace with the rapid changes in higher education
- Sustaining quality along with access
- Providing resources for marginalized student
- Generation of financial resources for up gradation of infrastructure

FUTURE PLAN

1. Procurement of guide ship by three faculty Members (application submitted to the University of Kerala)
2. Up gradation of the Department to the status of a Research Centre (application submitted to the University of Kerala)
3. Conduction of a series of Research Projects both funded as well as non-funded which comes as part of curriculum of M Sc Environmental Sciences Programme with an intention of publishing works in both National and International Peer Reviewed Journals with good impact factors.
4. To start Collaborative programmes with International Universities.

DEPARTMENT OF FRENCH

1. Name of the department : **French**
2. Year of Establishment : **1964**
3. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **Additional Language for UG students**
4. Names of Interdisciplinary courses and the departments/units involved

Name of the course	Departments involved
Additional language -French	BA/ BSc., B.Com, BA-Communicative English

5. Annual/semester/choice based credit system(programmewise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Courses incollaboration with other universities, industries, foreign institutions, etc. Nil
7. Details of courses/programmes discontinued with reasons: Nil
8. Number of Teaching posts

	Sanctioned	Filled
Professors	1	
Associate Professors		
Asst. Professors		1
Guest Lecturers		



9. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No.of Years of Experience	No.of Ph.D. students guided for the last 4 years
Ms.Prasanna U	MA, PhD	Asst.Prof. (Rtd)	French Translation	21	Nil
Ms.Reshma Maria Sampath	MA	Asst.Prof.	French Translation and Literature	1	Nil

10. List of senior visiting faculty : Nil
 11. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty : Nil
 12. Student-Teacher Ratio(programmewise)

UG	Language (French)	BA/B.Sc : 82:1 B.Com : 24:1 B.A Communicative English : 10:1
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13. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
 14. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Name	Qualification
Ms.Prasanna U	MA, Ph.D
Ms.Reshma Maria Sampath	M.A , NET

15. Number of faculty with ongoing projects from
 a) National b) International funding agencies and grants received: : NIL
 16. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR,etc. and total grants received: NIL
 17. ResearchCentre/ facility recognized by theUniversity : NIL
 18. Publications: NIL
 19. Areas of consultancy and incomegenerated

Consultancy Service	Amount generated
Dubbing in French for an African company	1000/-

20. Faculty as members in
 a) National committees b) International Committees c) Editorial Boards
 • Smt. Reshma Maria Sampath was appointed as member of the Board of Studies, French, St.Teresa's College, Autonomous Ernakulam for the period 2014-2017
 21. Student projects
 a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
 B) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: NIL
 22. Awards/Recognitions received by faculty and students

Awards received by the faculty

- Mrs. Reshma Maria Sampath was selected to attend a workshop conducted by CIEP at Paris in France and spent two weeks in Paris from 9th to 20th December where she enriched her knowledge on French



language, culture and lifestyle. As part of the project she submitted a project entitled "Bonjour All Saints" which is published in their website.

Awards received by the students

- Ms. Gopika Raj bagged first prize for recitation competition held by Alliance Francaise de Trivandrum on 23rd August 2014.
 - Ms. Jini George and her team won first prize for singing completion held by Alliance Francaise de Trivandrum on 23rd August 2014.
 - Ms. Aswathy S Nair & her team and Ms. Clare and her team shared third prize for singing competition held by Alliance Francaise de Trivandrum on 23rd August 2014.
 - Ms. Gopika Raj and Ms. Gaythri passed the Delf A2 exam in French in 2013.
23. How many students have cleared national and state competitive examination ssuch as NET, SLET, GATE, Civilservices, Defense services,etc.? **NIL**
24. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010 -11	Mr. Patrick Singier, Teacher, Trivandrum International School	Workshop on French Culture
2011 – 12	Ms. Rupa, Assistant Director, Alliance Francaise de Trivandrum	French Prononciation
2012- 13	Ms. Sithara, Head of Cochin Annexe, Campus France	Higher studies opportunities in France
2013- 14	Ms. Mona Saldana, Teacher, Canadian Bilingual School, Paris, France	Scopes of learning French
2014- 15	Ms. Cecile Cerutti, Trainee, Alliance Francaise	"French and its importance in present era"
	Ms. Celine di Mantova, Trainee, Alliance Francaise	Courses at Alliance francaise

25. Teaching methods adopted to improve student learning
- Team-based learning
 - Learner-centered teaching
 - Peer-teaching
 - Simulations
 - Written Assignments
 - ICT enabled teaching-PowerPoint presentations & videos
26. Participation in Institutional Social Responsibility (ISR) and Extension activities
- The French students tickled the taste buds of the fellow students on 18th February 2015 by hosting "Madame est servie"- a French Food festival in the campus were French delicacies were served.
 - As part of the language exhibition on 17th March 2015, French students exhibited their creative talents by making models of famous French Architectural splendors like Eiffel Tower, Louvre etc.



27. SWOC analysis of the department and Future plans

STRENGTHS

- The main strength of the department is the demand and interest for the subject by the students every year.
- Visits of French native speakers triggers the motivation of students to enhance their speaking skills

WEAKNESSES

- Inadequate communication skills of students
- Department has no Degree or PG courses in French
- Lack of opportunities to use French in daily life.

OPPORTUNITIES

- High demand for French speaking candidates in various companies.
- Excellent higher learning opportunities abroad
- Opportunities to participate in various competitions organized by several French promoting centers.

CHALLENGES

- Commencement of French Language Club
- Prepare students for Delf-Dalf Exam

FUTURE PLANS

- Conduct National/International Seminar in French
- Start a degree course in French
- Conduct National/International workshops in French
- Conduct several competitions to enhance the promotion of French
- Collaborate with Universities in France
- Start students-exchange programme.

DEPARTMENT OF HINDI

1. Name of the department : **Hindi**
2. Year of Establishment : **1964**
3. Names of Programmes/ Courses offered: **UG Second language**
4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Additional language -Hindi	BA/ BSc., B.Com, BA-Communicative English
5. Annual/semester/choice based credit system (programmewise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Courses incollaboration with other universities, industries, foreign institutions, etc. - **NIL**
7. Details of courses/ programmes discontinued (ifany) with reasons: **NIL**
8. Number of Teaching posts

	Sanctioned	Filled
Professors	2	
Associate Professors		2
Asst. Professors		
Guest Lecturers		



9. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. students guided for the last 4 years
Bernaditte Vincent	M.A, B.Ed, M.Phil	Asso.Prof.	Hindi Language & Literature	29	Nil
Aniamma George	M.A, M. Phil	Asso.Prof.	Hindi Language & Literature	30	Nil

10. List of senior visiting faculty : NIL

11. Student-Teacher Ratio(programmewise)

UG	B.A/B.Sc I and II	295:02:00
	B.Com	35:2
	B.A Communicative English	12:2

12. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Name	Qualification
Bernaditte Vincent	M.A, B. Ed, M.Phil
Aniamma George	M.A, M.Phil

13. Research Centre/ facility recognized by the University : NIL

14. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Dr. Molly Georgina	2	-	-

- Dr. Molly Georgina published a paper on 'Nirmala Maem Varnith Samajik Samasyayem'.
- Dr. Molly Georgina submitted project report on 'the problems faced by the fisherwomen in the society' to Academic Staff College, University of Kerala, on 22 nd November 2010

Journal Publications						
Sl No	Title	Journal	Volume	Year	International/ national	Citation/ Impact/ h-Index
Dr. Molly Georgina						
1	Nirmala mem chithrith samajik samasyayem	Sangrathan		2010	National	
Conference papers						
Sl No	Title of the paper				National/International/Regional	Year
Dr. Molly Georgina						
1	The problems faced by the fisherwomen in society				Regional	2010

15. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

- Smt. Aniamma George appointed as member of the Board of Studies, Hindi University Of Kerala for the period 2014-2017



16. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

17. Awards/Recognitions received by faculty and students

Awards received by the students

- The college team participated in the competitions conducted for college students during The State Level Hindi Fortnight Celebrations organized by The State Level Hindi Fortnight Celebrations Committee, Kerala Hindi Prachar Sabha on 1 st October 2010. Miss. Azeeya of DC I Physics won first prize in Hindi quiz.
- The college team participated in the competitions conducted for college students during The State Level Hindi Fortnight Celebrations 2012 organized by The State Level Hindi Fortnight Celebrations Committee, Kerala Hindi Prachar Sabha. Miss. Chandrika & party won consolation prize in patriotic song in Hindi.
- The college team participated in the competitions conducted for college students during The State Level Hindi Fortnight Celebrations 2014 organized by The State Level Hindi Fortnight Celebrations Committee, Kerala Hindi Prachar Sabha. Miss Soorya S.N. III Sem. B.Com and party won the first prize in patriotic songs in Hindi. Miss Vineetha V.S. IV Sem. Chemistry won third prize in Essay writing competition. Miss Pooja Krishna R.L of I Sem. B.Com also participated in the Hindi essay writing competition.
- First volume of “BOONDEM” manuscript prepared by the students of DC II English, Economics, History and Botany was release.
- Second volume of “BOONDEM” manuscript prepared by the students of DC II English, Economics, History and Botany was released on January 6th 2015.
- Language expo, an exhibition on Hindi Language and Literature was conducted on 17th March 2015.

18. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Dr.Thankamoni Amma	Dean & Syndicate member, Dept. of Hindi, University of Kerala	
2	Dr. M.S.Vinayachandran	Chairman, Board of Studies, Hindi, University of Kerala	

19. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civilservices, Defense services,etc. - NA

20. Details of Infrastructural facilities

a)	Library	Library with more than 3400 books related to Hindi.
b)	Internet facilities for staff & students	Internet facility with WiFi and language lab.



21. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010-11	Dr. J. Uma Kumari, Prof.Dept. Of Hindi, University Of Kerala	A regional seminar on 'Nayi Kahani' sponsored by UGC
	Dr. Santhi, Dept. Of Hindi, Govt. Women`s College, Trivandrum	Special lecture on Hindi Language & Literature.
2011 -12	Dr. Surendran Nair, Asso. Prof. St.Xavier`s College, Thumba, Trivandrum	A seminar on ' Khandakavya- Ek Yathra ke Dhouran"
	Dr. P.J.Sivakumar, Pro. Dept. of Hindi, University College, Trivandrum	Special lecture on Hindi Language & Literature.
2012 -13	Dr.Thankamoni Amma, Dean & Syndicate member, Dept. Of Hindi, University Of Kerala	Special lecture on Hindi Language & Literature.
	Dr.Sathi Devi, Professor (Retd) Dept.Of Hindi, NSS College, Karamana, Trivandrum	A talk on Bharatheeya Sanskrithi & Keral Ki Sanskrithi
2013- 14	Dr. M S Vinayachandran, Head, Dept. Of Hindi, University College, Trivandrum	Special lecture on Hindi Language & Literature.
2014-15	Dr. Molly Georgina, Retrd. Professor	Lecture on importance of Hindi in different states of India.

22. Teaching methods adopted to improve student learning

- Role Play
- Seminars and Assignments
- ICT enabled teaching – PowerPoint presentations & videos
- Charts
- Peer Group teaching
- Projects

23. SWOC analysis of the department and Future plans

STRENGTH

- Adequately qualified, competent, committed and dedicated, Faculty with more than 29 years of experience.
- Talented students with good acumen for studies and extra curricular activities.

WEAKNESS

- Department has no degree or post graduate courses in Hindi but only second language course for degree.

OPPORTUNITIES

- Good scope for students with desire for sharpening the skill of use of Hindi as a medium of communication as well as popularization of Hindi as National language.

CHALLENGES

- Effective use of class rooms and other facilities in the learning process.
- Promoting the reading habits in Hindi through fruitful use of the college and departmental library.



FUTURE PLANS

- Students to be helped to achieve academic excellence in Hindi deepening their knowledge and sharpening the skill in the use of Hindi and enable them to appreciate the literary classics in Hindi and motivating them to participate in literary competitions and to write and publish in Hindi.
- Faculty to refresh their knowledge and hone the pedagogic skills.
- Women in the locality also helped to be literate in Hindi.
- Steps to be taken to start graduate and post graduate courses in Hindi for attaining the above objectives and helping the students in finding a career in Hindi Language.

DEPARTMENT OF MALAYALAM

1. Name of the department : **Malayalam**
2. Year of Establishment : **1964**
3. Names of Programmes / Courses offered: **Additional Language for UG students**

4. Names of Interdisciplinary courses and the departments/units involved

Name of the course	Departments involved
Additional language –Malayalam	BA/ BSc., B.Com, B.Com TTM, BA-Communicative English

5. Annual/ semester/choice based credit system (programme wise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **NIL**
7. Details of courses/programmes discontinued (if any) with reasons: **NIL**
8. Number of Teaching posts

	Sanctioned	Filled
Professors	2	
Associate Professors		
Asst. Professors		2
Guest Lecturers		

9. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. students guided for the last 4 years
Dr. Alice K.E	M.A, Ph.D	Asso. Prof.	Malayalam Lang.& Lit.	31	7
Mrs. Anita G	M.A	Asst. Professor	Malayalam Lang.& Lit.	10	Nil
Dr. C. Udayakala	M.A, Ph.D	Asst. Professor	Malayalam Lang.& Lit.	3	Nil

10. List of senior visiting faculty : **NIL**



11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NIL
12. Student -Teacher Ratio (programme wise)

UG	Language (Malayalam)	BA/B.Sc : 260:2 B.Com : 42:2 B.A Communicative English: 22:2
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13. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NIL
14. Qualifications of teaching faculty

Name	Qualification
Ms.Anita G	M.A
Dr. C. Udayakala	M.A , Ph.D
15. Number of faculty with ongoing projects from
a) National b) International funding agencies and grants received
16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil
17. Research Centre /facility recognized by the University: NIL
18. Publications:

Journal Publications						
Sl No	Title	Journal	Volume	Year	National/ Internati onal	Citation/ Impact/ h- Index
Name of the faculty Dr. C. Udayakala						
1.	Bhasha Koudaleeyam-Samakaalika Prasakthi	Bhasha Poshini	44	2010	National	
Publications:						
2.	a) Publication per faculty Dr.C. Udayakala Kadhacheppu Golden Stories Bhasha Koudaleeyam Samakaalika Prasakthi Sree Narayana Guru Bhagavatham Sasthram Rasakaramayi	Famous Publications Famous Publications Bhashaposhini Famous Publications Famous Publications		2010 2010 2010 2011 2011	National	
International Data Base						
Sl.No	Name of the faculty	Level	Title of the paper	Venue	Date	
1	Dr. C Udayakala	National	Ayyappappanikkar -ude kavithakalile drishyavishkaram	Kanakakun nu	2013	
2	Dr. C Udayakala	State	Cherukadhayude Rachanarahasyam	Adhyapaka bhavan Yuvakala Sabithi	2013	



3	Dr. C Udayakala	Inter national	Representation of Women in the writings of Sara Joseph	SWASH, Hassan Marikkar Hall	2014
4	Dr. C Udayakala	National	Harassment of Women and Children	St. Xaviers' College, Tvpm	2014
5	Dr. C Udayakala	National	Malayala Bhashayude Samakalika	CMS College, Kottayam	2014
6	Dr. C Udayakala	National	Contemporary Literary Theories	Devamatha College	2014
7	Dr. C Udayakala	National	Cinemayile Sthree-Chila Sthree pakshachinthakal	Govt. College, Thripunithura	2014
8	Dr. C Udayakala	National	Women Empowerment – A perspective from Malayalam Literature	All Saints' College	2014
9.	Dr. C Udayakala	State	Sthreesakthi Seminar	Press Club Hall	2014
10	Dr. C Udayakala	National	Paristhithiyum Sthreeyum	KAAS Nagercoil	2014

19. Areas of consultancy and income generated

Consultancy Service	Amount generated
Sargasamvadam, All India Radio	2200/-

20. Faculty as members in

a) National committees b) International Committees c) Editorial Boards
- NIL

21. Student projects

- c) Percentage of students who have done in-house projects including inter departmental/programme: **100%**
- d) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil

22. Awards / Recognitions received by faculty and students

Awards received by the students

- Archa Prasannan Malayalam Poetry writing 2nd Place Kerala University Youth festival in 2011
- Athira Malayalam Poetry writing 2nd Place Kerala University Youth festival 2012
- Athira Krishnan & Party participated in Malayalolsavam 2012
- Keerthy Krishna won 3rd place in Malayalam Story writing 2012
- Nesty Jose won 3rd in Malayalam Elocution Competition of University Youth festival 2012
- Gayathri Gopal won 1st place in Malayalam Essay Writing in University Youth festival 2013
- Darsana P won 1st place in Short story writing competition conducted by D C Books 2013
- Aparna & party won 3rd place in Cholkazhcha conducted by Ayyappapanikker foundation 2014



- Nesty Jose and Gayathri won 3rd place in Malayalam Debate competition of University Youth festival 2014.
- Gayathri Gopal won 2nd place in Malayalam Essay Writing in University Youth festival 2014.
- Gayathri Gopal won 2nd place in Malayalam Elocution competition of Kerala University Youth Festival 2014.
- GayathriGopal won 1 place in Malayalam Elocution in Ivanios fest 2014.
- Surabhi won I place in Malayalam Short story writing conducted by DC Books 2014.
- Aparna& Team won 2nd place in Malayalam Folklore competition conducted by Bhasha Institute 2015.

23. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Dr. M M Basheer	Famous Writer	Criticism
2	Dr. M R Thampan	Director of Bhasha Institute	Language expert
3	Dr. M Rajeev Kumar	Famous Writer	Short stories
4	Kureepuzha Sreekumar	Famous Poet	Poetry
5	Dr. Prasanna Mani	Poet	Poetry

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA

25. Details of Infrastructural facilities

a)	Library	500 Books
b)	Internet facilities for staff & students	PC with internet facility is provided
c)	Class rooms with ICT facility	One class room with over head projector
d)	Laboratories	1 Language lab

26. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Year	Resource Person	Programme
2010-11	Prof. H V Vijayakumari	Talk On NaadanPattukal
2011 -12	Dr. V. Prasannamani	Talk on Modern Poetry
2012 - 13	Prof. Lakshmi Kumari	Talk on Modern Drama
2013- 14	Dr. M. Rajeev Kumar	Work Shop On “ Cherukadhayude Rasathandram”
2014- 15	Dr. M. R.R Thampan	Seminar On “Sreshta Bhasha Malayalam”

27. Teaching methods adopted to improve student learning

- Lecture & Interactive Method
- Team-based learning
- Learner-centered teaching
- Peer-teaching
- Simulations
- Written Assignments
- ICT enabled teaching-PowerPoint presentations & videos



28. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Women Study's Cell
- Literary Club – Mazhithandu
- Malayalam manuscript journal- *THOOLIKA*
- Voice donation for the Blind Association.

29. SWOC analysis of the department and Future plans

STRENGTHS

- The main strength of the department is the demand and interest for the subject by the students every year.
- Visits to Malayalam heritage Institutes to enhance students' literary interest and love for our mother tongue.
- Opportunities to participate in various competitions organized by several Malayalam promoting centers.

WEAKNESSES

- Department has no UG or PG courses in Malayalam

OPPORTUNITIES

- High demand for Malayalam students to anchor TV Programmes in various Channels
- Opportunities for Translation.

CHALLENGES

- Commencement of Malayalam Language Club
- Due to heavy syllabus and limited time, extra reading is difficult.

FUTURE PLANS

- New Course Malayalam and Mass Communication
- Enrich Lang. Efficiency
- NET Coaching
- Malayalam Research Centre.
- Certificate Course on Official Language Malayalam.

DEPARTMENT OF PHYSICAL EDUCATION

1. Name of the department : **Department of physical Education**
2. Year of Establishment : **1964**
3. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.):
4. Names of Interdisciplinary courses and the departments/ units involved

Name of the course	Departments involved
Health and Fitness Education	All Departments
5. Annual/semester/choice based credit system (programmewise)
Annual Scheme till March 2010 & CBCSS from June 2010
6. Courses incollaboration with other universities, industries, foreign institutions, etc. **NIL**
7. Details of courses/programmes discontinued (ifany) with reasons: **NIL**



8. Number of Teaching posts

	Sanctioned	Filled
Professors	2	
Associate Professors		
Asst. Professors		2
Guest Lecturers		

9. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./M.Phil.etc.,)

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D students guided for the last 4 years
Ms.Divya ..S. R	BPE, MPE	Asst. Prof.	Sports psychology	6	Nil
Ms.Margrette Leena v	BPE, MPE	Asst. Prof.	Sports psychology	6	Nil

10. List of senior visiting faculty : Nil

11. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Name	Qualification
Ms.Divya ..S. R	MPE
Ms. Margrette Leena v	MPE

12. Number of faculty with ongoing projects from

a)National b)International funding agencies and grants received

Name of the Faculty	Project	Funding Agency	Period	Grant received
Ms.Divya S R	Minor project	U G C	1.5 years	40000/-

13. Research Centre/ facility recognized by the University : Nil

14. Publications:

Faculty	Journal Publications	Books	Papers in proceedings
Ms. Divya S.R	-	-	4
Ms.Margrette Leena v	-	-	4
Ms.Nayana Anand	-	-	1

Dept	Name of the Faculty	Title of the paper	Name of the Conference	Date
Physical Education	Ms. Divya S. R	Postural Analysis and Correction for Better Living	National Seminar on Scientific Innovations and Technological Advances in Physical Education and Sports Sciences.	15-3-2012 to 16-3-2012



Physical Education	Ms. Margrette Leena. V	Better Living through organized Life Skills	National Seminar on Scientific Innovations and Technological Advances in Physical Education and Sports Sciences.	15-3-2012 to 16-3-2012
Physical Education	Ms. Divya S. R	Child development through Sports	Regional Seminar on Sports and advanced Technologies	5-3-2012 to 6-3-2012
Physical Education	Ms. Margrette Leena. V	Better living through organized life skills	Regional Seminar on Sports and advanced Technologies	
Physical Education	Ms. Divya S. R	Obesity the Silent Killer	National Seminar on Prevention of Life Style diseases through participation in physical activities.	10-2-2014, 11-2-2014
Physical Education	Ms. Margrette Leena. V	Change in Dietary behavior, Lifestyle and Trend in Diseases among adolescent women	National Seminar on Prevention of Life Style diseases through participation in physical activities.	10-2-2014, 11-2-2014
Physical Education	Ms. Nayana Anand	Assessment of physical fitness and functional mobility on elderly women in Kerala	National Seminar on Prevention of Life Style diseases through participation in physical activities.	10-2-2014, 11-2-2014
Books Edited				
Name	Title of the Book		National/International	ISBN
Ms. Divya S.R	Prevention Of Life Style Diseases through participation in Physical activity		National	978-84-910811-3-8

15. Faculty as members in
a) National committees b) International Committees c) Editorial Boards
• Nayana Anand as a Liaison officer in 35th National Games hosted by Kerala state

16. Awards/Recognitions received by faculty and students

Year	University Level	Regional Level	State Level	National Level	International Level
2010-2011	128	12	4	16	Nil
2011-2012	132	13	6	18	Nil
2012-2013	156	28	6	18	1
2013-2014	172	16	6	26	1
2014-2015	176	18	9	21	Nil



The students of the college excelled in the various competitions at the university, state and national level.

- The college took part in the University Intercollegiate Soft ball Championship, and secured third place on September 13-15, 2010. Divya. A (DC I History) was selected for the All India Inter University team.
- The college team participated in the Kerala University Intercollegiate Football Championship, organized by All Saints' College, on 07/12/10. The team secured the runners-up position, and 4 students got selection to the All India Inter University team.
- The college team won the University Handball Championship on December 9-10, 2010. 5 students got All India Inter University selection.
- Our college participated in the following sports events:
Cricket - November 15-17, 2010 secured 4th place and 2 students got All India Inter University selection.
- Kho-kho - secured 4th place.
- Chess, Swimming, Athletics secured 4th place
- The College team won the runner-up place in the South India Intercollegiate Handball Tournament, organized by the Dept. of Physical Education, University College, Trivandrum, from 29/09/10 to 01/10/10.
- Inter-class Shuttle Badminton Tournament was held at the college premises. Arya and Priyanka (DC I Maths) were the winners.
- Anjitha S. of D.C. I B. Com. won the 2nd Prize for Football at the Inter-Collegiate Football Competition held on November 23, 2011 and was selected in the National Team. She also bagged the 1st prize for 100m and 200m running race in Keralotsavam 2011 conducted by the Corporation of Trivandrum from December 2-3, 2011. She was the individual champion of the Annual Sports Meet and got the Best Athlete Award 2011.
- Anjitha S of D.C. I B. Com. and Chinchu Shekhar of D.C. I History represented Kerala State in the All India Women's Rugby 7's Championship on August 26-27, 2011.
- Saranya S.S of D.C. I Chemistry got the Second Prize in the Pole-Vault and Rejani John of D.C. I Economics got the Third Prize for the 5 km walking race in the 72nd Kerala University Inter-Collegiate Athletic Meet at University Stadium from November 23-25, 2011. The College Team also won the third place for March Past.
- Dhanya T of D.C. II Physics secured the Third Prize in 100m Breaststroke in the Inter-Collegiate Aquatic Championship in September 22-23, 2011.
- Neethu L. and Lincy W. won 2nd prize for Handball and Football Championship of Kerala University conducted at LNCPE.
- Belsy R. Of D.C. III Chemistry participated in the Inter-Collegiate Handball and Football Competitions and secured 2nd place.
- Chinnu Nair (M. A. English) was selected to the Kerala University Cricket Team to participate in the South Zone Inter-University Cricket Tournament on November 11-18, 2011.
- Divya A and Anjana A S of D.C. II History, Haripriya P. Nair of D.C. I Economics, Sheeba G of D.C. I History, Praveena Viswam of D.C II Mathematics, Belsy R of D.C II Chemistry, Sruthy Gopan of D.C. II Economics and Chinchu Shekhar of D.C. I History were selected for the All India Handball Inter-University Championship.



- Sonia S of D.C. III Maths, Preetha Jerald of DC II History, Vinitha C of D.C. III Economics, Anjitha S of I. B. Com., Chinchu Shekar of D.C. I History were selected for the Kerala University Football team.
- The College Cricket team were the Runner-up of the inter collegiate Cricket Championship on September 26th 2012. Divya.A and Chinnu Nair were selected for the university team.
- Anjitha.S, Jobi.S.J and Chinnu Nair represented Kerala state for the national Rugby Championship.
- Anjitha.S was selected for the Indian Rugby team .
- The College Hand ball team were the winners of the inter collegiate Handball Championship at All Saint's College, Trivandrum on 10th October 2012. Divya A, Anjitha A .S, Haripriya, Chinchu Sekhar and Sheeba were selected for the All India Inter University team.
- Divya A DCIII History got selection for the Womens National Handball competitions.
- The College Football team were the winners of the intercollegiate Football Championships at University Stadium, Trivandrum on 15th December 2012. Chinchu Sekhar, Neethu M Vijayan , Anjitha A S , Jobi S J Annakutty S and Sheeba were selected for the All India Inter University team.
- Namitha Narayanan DC III Maths was Individual Champion in the Inter collegiate Chess Competitions On December 15th 2012.
- Pooja Pradeep and Aiswarya .T won the inter house Shuttle Badminton competitions.
- In the inter house Chess Competitions Namitha Narayanan of DC III Maths got the first and Arya L of DC III Maths got the 2nd prize.
- The College Base ball Team secured the third place in the inter collegiate Base Ball Champion ship on March 13th 2013.
- The College team won Third place in Cricket tournament on August.
- The College Football team won Second for Football tournament organized by Womens college Trivandrum on November 21st and 22nd.
- The college team won 3rd position in Baseball intercollegiate organized by CET on January 4-5, 2014.
- The college team also won third position in intercollegiate softball tournament organized by CET on January 4-5, 2014.
- The college team won 3rd place for Handball intercollegiate.
- Our college also participated in the following sports events: Volleyball, Shuttle Badminton.
- Chinchu participated in Football at the National Games.
- Jobi participated in Rugby at the National Games.
- Jobi and Annakutty attended the National Camp.
- The College Base ball Team secured the 1st place in the inter collegiate Base Ball Champion ship on September 19th, 20th and 27th, 2014 and Raji A R of DC II English, Kiran Moses of DCII Economics, Stephila K of DCIII Economics, Pravitha V of DC I History ,and Sumi S of DC I History got selection for All India Inter University competitions.
- The College Football team were the runners up for the intercollegiate Football Championship. Five students of our college got Selection for All India Inter University Competitions. Students are Joyce Thomas of DC I Economics, Meera M of DC I Botany, Pravitha V of DCI History, Annakutty S of DCIII History, Jobi S J of DCIII History .



- The College Hockey team won the third position on October 14-17, 2014. Raji A R of DCII English got selection to All India Inter University Camp.
- Our college team secured III rd position in Inter collegiate soft ball tournaments.
- Our College team got III position in Intercollegiate Cricket tournaments on August 29-30, 2014.
- College team secured III position in Hand Ball Inter Collegiate tournaments.
- Team of All Saints College has participated in the Kerala University Badminton tournament on October 15-17, 2014.
- College team secured IV position in Volley Ball Inter Collegiate tournaments on October 21-22, 2014. Anakkutty S of DC III History got selection for All India Inter University competitions and Kiran Mosess of DCII Economics got selection for All India Inter University camp.
- The College team participated in inter collegiate kho-kho tournament.

Furnish the details of major student achievements

- Jobi S J of DC 111 History won 3rd prize in 35th National games
- Maria Justin of DC I B.Com won 3rd prize in South Zone inter University Cricket Competition.

17. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Designation	Affiliation
1	Dr. K.M Moorthy	Professor	Director Karaikudi University
2	Dr. K. Suresh Kutty	Professor	Kannur University
3	Dr. T.I Manoj	Professor	College of Agriculture
4	Dr. Soni John	Professor	Christ College, Irinjalakuda
5	Dr. George Thomas	Professor	St. Xavier's College, Thumba
6	Olympian Bobby Aloysius	Vice President	Kerala Sports Council
7	Dr. Binu Varghese	Secretary	Kerala Sports Council
8	Dr. Shylaja Mohan	Professor	SAI, LNCPE

18. Seminars/ Conferences/ Workshops organized and the source of funding

Sl. No.	Name	International /National	Date	Funding Agency
1	Prevention of Life Style diseases through participation in physical activities	National	10 -02-2014 11-02-2014	U G C

19. How many students have cleared national and state competitive examination ssuch as NET, SLET, GATE, Civilservices, Defense services,etc.?- NA

20. Participation in Institutional Social Responsibility (ISR) and Extension Activities

- Our Department conducts various interdepartmental competitions for all the students in the following events:
- Cross-country, Chess, Badminton, Basketball, Football, Volleyball, Cricket, Throwball, Handball
- Our Department conducts fitness programs like Zumba Aerobics and Yoga for students and teachers.



- Students and teachers of our college participated in Run Kerala Run in connection with National games.
- Analysing the BMI of students.
- Gym work out for students and teachers for developing strength.
- Karattae classes for all students for self defense
- The department has also initiated Football coaching in association with the Football Academy. Renowned KSEB coaches train the students after class hours from 3.30 to 6.30 on a regular basis.

21. SWOC analysis of the department and Future plans

STRENGTH

- The Department consists of 2 efficient and committed permanent faculties who are actively involved in all the activities conducted by the college. They are very keen in maintaining discipline among the students of all the Departments. A bunch of energetic, skilled and talented sports students are the asset of our department. We have good ground facilities for almost all the games like Football, Basketball, Volleyball, Handball, Cricket, Softball, Baseball etc. The Department has well equipped Gym. . Sports kit and equipments are provided to the students.

WEAKNESS

- No enough fund from the University for the Upliftment of sports students. Student find it difficulty to reach the college in time for practices due to less bus services.

OPPORTUNITIES

- Grace marks are awarded to students who excel in sports for each subject.
- If the students are having good skill then they can achieve highest scores. There is much job opportunity for sports students. Now a days Government is also very keen in Sports placements.
- Talented sports students easily get admission for higher studies.

CHALLENGES

- As we don't have any separate department we are not getting students for regular practice.
- Due to the semester system we are not getting students for practising regularly. As there is no PG courses for many departments there is no continuation for the practices trained students pass out and join in other colleges.

FUTURE PLANS

- Indoor stadium
- Hostel for Sports students
- Organizing State tournaments
- Adventurous camps for Students
- Conducting AAPHER fitness test for all the students
- Certificate course in Health and Fitness
- ADD ON course in Yoga
- UG department in Physical education



POST-ACCREDITATION INITIATIVES

Action taken in response to the recommendations of the previous NAAC Peer Team

The evaluative report of the Institution during the Second Cycle of Accreditation documents a comprehensive assessment recording observations on various criteria defined by the NAAC. The report makes a mention of the laudable appreciation by the Peer Team of the existing Institutional strengths. The Team also put forth suggestions and recommendations to be implemented in the post accreditation period for quality enhancement of the Institution. Since then the Institution has seen an upward surge in various aspects of quality sustenance by setting up strategies through the introduction and execution of new programmes, ICT thrust in the teaching-learning process, inculcation of research culture, strengthening initiatives in imparting skills of Spoken English and encouraging faculty development programmes that culminated in the sustained enhancement of quality.

Recommendation 1:

Efforts be pursued to start new programmes in the cutting edge areas such as Computer Science, IT, Mass Media and Visual Communication, Hospitality Management, Retail Management among others which may be of particular career relevance to women, networking with external agencies for some of the above programmes be explored. The college may conceptualise and offer short-term courses (Diplomas/Certificates in the label of the college) in a flexi-model of a Community College. Areas such as Fashion Technology, designing/tailoring, cosmetology, Dietics, Fine Arts and Music to be considered.

Action Taken

Certificate/ Diploma Courses started:

1. IGNOU Centre: Computer Literacy Programme
2. All Saints' Computer Centre: Diploma in Computer Applications (CCEK)
3. Department of Physical Education – Karate
4. Women on Wings (an initiative of the Department of Economics) in collaboration with the P.N. Panicker Foundation:
 - i. Candle Making
 - ii. Agarbathi Making
 - iii. Flower Making
 - iv. Umbrella Making
 - v. Cushion Making
 - vi. Paper/Leather Craft
 - vii. Fabric Painting
 - viii. Hand Embroidery
 - ix. Food Making
 - x. Fruit Processing
 - xi. Doll Making
 - xii. Nettippattom Making
 - xiii. Artificial Jewellery
 - xiv. Terracotta



- xv. Soap/Detergent/Paste Making
- 5. SAP – Genuine Courses
 - ICT
 - ERP Bascis SAP KA ERP
 - Manual A/c
 - Computerized A/c
 - SAP ACKA A/c

Recommendation 2

Exploring the research potentials of the faculty, provision of consultancy services be encouraged by establishing formal linkages with industries/institutions, appropriate incentive for the concerned faculty in revenue sharing be formulated.

Action taken:

1. The research potential of the staff has improved considerably in the last five years

	2010	2015
No. of Ph. D holders	18	26
No. enrolled in Ph. D. courses	3	19
No. of research papers/ publications	51	419
No. of research projects	4	28

2. Consultancy is offered by the following departments

Department	Area of Consultancy	Institutions/Individuals served	Income generated
Botany	Biodiversity Documentation	Bishop's House, Punalur. St. Mary's School, Pongumoodu and Chempaka School, Trivandrum	Rs.1,50,000/-
	Identification of Plants and Medicinal herbs	Local Community and School students of the Adopted Karikkakom Village.	Free
Zoology	Fish Nutrition	Women from the nearby local community.	Rs. 3,600/-
	Fish Breeding		
	Setting Up of Aquarium Tanks		
	Setting Up of Fish Farm		
	Project Preparation for Bank Loans		
Environmental Science	Quality Assessment of Drinking Water	Residents of the Adopted Karikkakom Village and Bala Nagar Colony.	Free

Recommendation 3

While commending the initiatives of imparting skills of Spoken English, the same be strengthened and broad based into a certificate in Soft Skills covering all the students by outsourcing expertise and modernising the language lab.



Action Taken:

1. The Language Lab has been modernised and is equipped with 37 computers.
2. Programmes started:
 - i. Department of English: English Language Skills Acquisition (ELSA) - Grammar and Spoken English Course.
 - ii. Partner Trainer with University of Kerala ASAP Centre: Acquired Skill and Acquisition Programme (ASAP) Course.

Recommendation 4

The college may avail the UGC support for offering more number of Add-on/career-oriented certificate/diploma courses, so that many students may do one or the other course on a concurrent basis.

Action Taken:

- Career oriented UGC add-on course started by the Department of Zoology (2010): Ornamental Fish Culture and Aquarium Management.
- The Department of Botany has applied for an Add-on course in Plant Tissue Culture.

Recommendation 5

The ICT thrust in teaching-learning be strengthened/expanded further.

Action Taken:

1. ICT-enabled teaching is facilitated through the use of 10 ICT enabled classrooms.
2. Two moveable LCD projectors are also available for use in other classrooms.
3. The Recreation Hall, Audio-Visual Room and Auditorium also have been fitted with LCD projectors.

Recommendation 6

Adequate thrust be given in faculty development activities, particularly in the latest pedagogy and e-content preparation.

Action Taken:

Faculty Development Activities:

Sl.No	Faculty Development Activity	Number of Faculty Trained
1	ASAP	4
2	FLAIR	13
3	Orientation Course	30
4	Refresher Course	23
5	Student Support Programme (SSP)	5
6	Walk With the Scholar (WWS)	5
7	Faculty development programme (FDP)	4
8	Skill Enhancement Computer Training	7



9	International training courses/workshops	
i.	Training in Quality Assurance, Curriculum Design, E- learning and the use of Virtual Learning Environments and Research Informed Teaching in Sheffield Hallam University, UK.	Dr. Ayona Jaydev Department of Environmental Science
ii.	CIEP International Workshop, France.	Ms. Reshma Maria Sampath Department of French

Recommendation 7

The management may organise more staff welfare/student support services (eg. group insurance, mediclaim etc) if necessary by networking with other educational institutions run by the same management in the region.

Action Taken:

1. Group Insurance is provided to the staff under the Kerala State Employees Group Insurance Scheme.
2. Medical and Life Insurance is taken by the staff based on their personal needs and preferences.

Recommendation 8

The structures of IQAC, Grievance Redressal Cell, Academic and Administrative Audit be streamlined on the lines of NAAC/UGC guidelines.

Action Taken:

1. IQAC and Grievance Redressal Cell have been reconstituted in conformity with UGC guidelines.
2. Academic audits are carried out regularly.
3. Administrative audits are done both internally by the college and externally by the Deputy Director's office and the Accountant General's Office.

Recommendation 9

Necessary modifications in the infrastructure to make it disabled friendly may be considered. Alternative environment friendly energy resources can be utilised on campus. The college may develop a perspective plan for future development for the next 10 years.

Action Taken:

1. Ramps at Block A and B ensure access for the disabled to classrooms and other rooms on the ground floor.
2. Books and magazines can be availed by the disabled and personally delivered to them on special request.
3. A wheelchair is also provided by the college to cater to the special needs of disabled students as well as in times of medical emergency.
4. A perspective plan for 25 years has been tentatively formulated and revised and is in the process of preparation.



ANNEXURES

Annexure – I



भारत सरकार

राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग

GOVERNMENT OF INDIA
NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS

प्रथम तल, जीवन तारा भवन, ५, संसद मार्ग
पटेल चौक, नई दिल्ली - ११०००१
1st Floor, Jeevan Tara Building, 5, Sansad Marg
Patel Chowk, New Delhi - 110001

Dated.....

INSTITUTIONS 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 INSTITUTIONS ARE MINORITY EDUCATIONAL INSTITUTIONS COVERED UNDER ARTICLE 30 OF THE CONSTITUTION OF INDIA.

GIVEN UNDER MY HAND AND THE SEAL OF THE COMMISSION
ON THIS 11TH DAY OF AUGUST, 2009.




(R. RENGANATH)
SECRETARY

सचिव/Secretary,
राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग
NATIONAL COMMISSION FOR
MINORITY EDUCATIONAL INSTITUTIONS
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

COPY



भारत सरकार

राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग

GOVERNMENT OF INDIA
NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS

प्रथम तल, जीवन तारा भवन, ५, संसद मार्ग
पटेल चौक, नई दिल्ली - ११०००१
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 FOLLOWING INSTITUTIONS NAMELY:-

Sl. No.	File No.	Name of the Schools
1.	F. No. 480 of 2008	All Saints' College, Thiruvananthapuram, Kerala.
2.	F. No. 481 of 2008	Holy Angels' Convent Lower Primary School, Trivandrum, Kerala.
3.	F. No. 482 of 2008	Holy Angels' Convent Higher Secondary School, Trivandrum, Kerala.
4.	F. No. 485 of 2008	Sacred Heart Convent High School, Anjengo, Attingal, Dist. Trivandrum, Kerala.
5.	F. No. 486 of 2008	Sacred Heart Convent Lower Primary School, Anjengo, Attingal, Dist. Trivandrum, Kerala.
6.	F. No. 487 of 2008	St. Therese's Convent Higher Secondary School, Neyyathinkara, Trivandrum, Kerala.
7.	F. No. 488 of 2008	St. Therese's Convent Lower Primary School, Neyyathinkara, Trivandrum, Kerala.
8.	F. No. 489 of 2008	St. Joseph's Convent Higher Secondary School, Tuet, Kollam, Kerala.
9.	F. No. 490 of 2008	St. Joseph's Convent Lower Primary School, Tuet, Kollam, Kerala.
10.	F. No. 492 of 2008	Holy Family Convent English Medium High School, Aravila, Kollam, Kerala.
11.	F. No. 493 of 2008	Our Lady of Lourdes Convent English Medium Upper Primary School, Chavara South, Kollam, Kerala.

MANAGED BY THE CONGREGATION OF THE CARMELITE
RELIGIOUS OF TRIVANDRUM, ARE MINORITY EDUCATIONAL

COPY



R. Lynn
DIRECTOR
NATIONAL COMMISSION FOR
MINORITY EDUCATIONAL INSTITUTIONS
1st Floor, Jeevan Tara Building, 5, Sansad Marg
Patel Chowk, New Delhi - 110001



Annexure – II



Phone: .0471-2305631
Fax: +91-471-2307158
Email: regrku@gmail.com

UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India - 695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)
(Re-accredited by NAAC with 'A' Grade)

No.Ac.BII/21961/2015

Dated: 08.05.2015.

CERTIFICATE

This is to certify that the All Saint's College, Thiruvananthapuram is a private aided College permanently affiliated to University of Kerala since the year 1964 and is included under 2(f) and 12(B) of the UGC Act 1956, currently offering the following Courses;

Sl. No	Course (Branch)
1	BA – English Language & Literature
2	BA -Economics
3	BA -History
4	BA –English & Communicative English
5	BSc - Mathematics
6	BSc - Physics
7	BSc -Chemistry
8	BSc -Botany
9	BSc - Zoology
10	B Com(Elective –Finance)
11	B Com(Elective –Travel & Tourism)
12	MA – English Language & Literature
13	MSc - Environmental Science
14	M Com

This certificate is issued to the Principal, All Saint's College, Thiruvananthapuram to submit before the NAAC.



REGISTRAR



**DIRECTORY OF COLLEGES
RECOGNIZED UNDER
SECTION 2 (f) & 12(B)
OF THE UGC ACT, 1956
(UPDATED TILL 31ST MARCH, 2004)**

284

S.No.	Name and Address of the College	Status	Other details
UNIVERSITY : KERALA			
1	ALL SAINTS COLLEGE, THIRUVANANTHAPURAM. DIST..THIRUVANANTHAPURAM KERALA 695 007	2(f) & 12(B) Non-Govt. Under-Graduate	Affiliated College Estd.: 1964 Women College Refno.Kerala(75001)
2	AYURVEDA COLLEGE, THIRUVANANTHAPURAM. DIST..THIRUVANANTHAPURAM KERALA - 695 001	2(f) & 12(B) Govt. Post-Graduate	Affiliated College Estd.: 1889 Refno.Kerala(75002)
3	BISHOP MOORE COLLEGE, MAVELIKARA. DIST..ALAPPUZHA KERALA-690 110	2(f) & 12(B) Non-Govt. Under-Graduate	Affiliated College Estd.: 1964 Refno.Kerala(75003)
4	CHRISTIAN COLLEGE, CHENGANNUR. DIST..ALAPPUZHA KERALA - 689122	2(f) & 12(B) Non-Govt. Under-Graduate	Affiliated College Estd.: 1964 Refno.Kerala(75004)
5	CHRISTIAN COLLEGE, KATHAKADA DIST..THIRUVANANTHAPURAM KERALA- 695 572	2(f) & 12(B) Non-Govt. Under-Graduate	Affiliated College Estd.: 1965 Refno.Kerala(75005)
6	COLLEGE FOR WOMEN, THIRUVANANTHAPURAM. DIST..THIRUVANANTHAPURAM KERALA - 695 014	2(f) & 12(B) Govt. Post-Graduate	Affiliated College Estd.: 1897 Women College Refno.Kerala(75006)
7	COLLEGE OF ENGINEERING, THIRUVANANTHAPURAM DIST..THIRUVANANTHAPURAM KERALA - 695 016	2(f) & 12(B) Govt. Post-Graduate	Affiliated College Estd.: 1939 Refno.Kerala(75007)
8	COLLEGE OF FINE ARTS, THIRUVANANTHAPURAM. DIST..THIRUVANANTHAPURAM KERALA - 695 033	2(f) & 12(B) Govt. Under-Graduate	Affiliated College Estd.: 1980 Refno.Kerala(75008)
9	DEVASWON BOARD COLLEGE, SASTHAMCOTTAH. DIST..KOLLAM KERALA - 690 521	2(f) & 12(B) Non-Govt. Under-Graduate	Affiliated College Estd.: 1964 Refno.Kerala(75009)
10	FATIMA MATA NATIONAL COLLEGE, KOLLEM. DIST..KOLLEM KERALA-691001	2(f) & 12(B) Non-Govt. Post-Graduate	Affiliated College Estd.: 1957 Refno.Kerala(75010)

UGC:2004: Directory of Colleges under section 2(f) and 12(B) of UGC Act.



LIST OF COLLEGES UNDER SECTION 2(f) OF THE U.G.C. ACT 1956

As on January 1, 1969

KERALA UNIVERSITY

NON-GOVERNMENT COLLEGES

A. COLLEGES TEACHING UP TO BACHELOR'S DEGREE

Affiliated Colleges

1. All Saints College, Trivandrum (on temporary affiliation).
Miss Margret Paulose.
2. Assumption College, Changanacherry. *Sister Teresa K. Joseph.*
3. Alphonsa College, Palai (on temporary affiliation). *Sister Mary Rosula.*
4. Bishop Chulaparambil Memorial College, Kottayam. *Rev. Sister M. Savio.*
5. Baselius College, Kottayam (on temporary affiliation). *Dr. A.P. Mani.*
6. Bishopmoore College, Mavelikara (on temporary affiliation).
Rev. K.C. Mathew.
7. Christian College, Chengannur (on temporary affiliation).
Rev. A.A. Pylec.
8. Deva Matha College, Kusavilangad P. O. (on temporary affiliation). *Rev. Fr. T.T. Joseph.*
9. Devaswom Board College, Sasthamcotta (on temporary affiliation). *Shri N.C. Unnikrishnan.*
10. Her Highness Sethu Parvathi Bai N. S. S. College for Women, Trivandrum. *Smt. Saradamma.*
11. Karmala Rahi Training College, Quilon. *Sister Colette Mary.*
12. Kuriakose Elias College, Mannanam (on temporary affiliation).
Rev. Fr. Pappas.
13. Mar Athanasius College of Engineering, Kothamangalam.
Shri P.C. Eapen.
14. Mar Theophilus Training College, Trivandrum. *Rev. Fr. Jose Mathew.*
15. Milad-e-Sherief Memorial College, Kayamkulam (on temporary affiliation). *Haji M.S. Rowther.*
16. Mount Carmel Training College, Kottayam. *Shri M. Crucifix.*
17. Mount Tabor Training College, Pathanamthalam. *Shri Vincent Moorthy.*
18. New Man College, Thodupuzha (on temporary affiliation).
Rev. Fr. Mathew Palamatham.
19. N. S. S. College, Kochuramapuram, Shertallai (on temporary affiliation). *Shri P. C. Menon.*

Annexure – III





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 : All Saints' College
Place : Chackai, Thiruvananthapuram, Kerala

Criteria	Weightage (W_i)	Criterion-Wise Grade Point Averages (Cr_i GPA)	$W_i \times Cr_i$ GPA
I. Curricular Aspects	050	2.30	115
II. Teaching-Learning and Evaluation	450	3.06	1377
III. Research, Consultancy and Extension	100	2.60	260
IV. Infrastructure and Learning Resources	100	2.75	275
V. Student Support and Progression	100	3.00	300
VI. Governance and Leadership	150	2.46	369
VII. Innovative Practices	050	2.30	115
Total	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA}) = 2811$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA})}{\sum_{i=1}^7 W_i} = \frac{2811}{1000} = 2.81$$

Grade = **B**



Descriptor = **GOOD**

Date : March 28, 2008

MA Ramu
Director

- This certification is valid for a period of Five years with effect from March 28, 2008
- 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 denoted C grade (Satisfactory)



PEER TEAM REPORT
ON
INSTITUTIONAL RE-ACCREDITATION OF
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM (KERALA) – 695 007

Section I: GENERAL INFORMATION

- 1.1. Name & Address of the Institution: **ALL SAINTS' COLLEGE,
THIRUVANANTHAPURAM (KERALA) – 695 007**
- 1.2. Year of Establishment: 1964
- 1.3. Current Academic Activities of the Institution (Numbers):
- Faculties/Schools: Three - Arts, Science, Commerce
 - Departments/Centres: 13
 - Programmes/Courses offered: PG UG Research Others
 - Permanent Faculty Members: 49
 - Permanent Support Staff: 37
 - Students: 2032
- 1.4. Three major features in the institutional context (as perceived by the Peer Team):
- The College provides higher educational opportunity for many first generation female learners. Empowerment of women through skill development and quality education.
 - Effective stakeholder relationships are evident.
 - The aided college is spread over 35 acres in a salubrious environment.
 - Made sincere efforts to implement the recommendations made by the previous peer team.
- 1.5. Dates of visit of the Peer Team (A detailed visit schedule is included): 7 – 9 February, 2008
Enclosed.
- 1.6. Composition of the Peer Team which undertook the on-site visit:

Chairperson: Prof. C. Thangamuthu
(Former Vice-Chancellor, Bharatidasan University)
Porur, Chennai – 600 114.

Member Co-ordinator: Prof. J.K. Mohapatra
Department of Political Science
Berhampur University, Berhampur (Orissa) – 760 005.

Member: Dr. Sheela Ramachandran,
Principal, P.S.G. College of Arts and Science,
Coimbatore – 641 036

NAAC Coordinator: Dr. Sujata Shanbhag,
Assistant Adviser, NAAC, Bangalore.

C. Thangamuthu
9/2/08



Section II: CRITERION-WISE ANALYSIS

2.1. Curricular Aspects:

2.1.1. Curricular Design & Development:

- The curriculum is in conformity with the institution's vision and mission to create dynamic young women.
- Curriculum is geared to facilitate entry to further higher education as well as employment.
- Faculty contribute to the review and redesigning of the curriculum by virtue of being members of Board of Studies of the university.

2.1.2. Academic Flexibility

- The college offers 10 UG, 3 PG, 1 Add on and 2 Certificate Courses. Elective Options are available as per the University norms.
- Opportunities are available for gaining extra skills through the single UGC sponsored add-on and 2 other affiliated certificate courses.

2.1.3. Feedback on Curriculum:

- Alumni and parents give their feedback in an informal manner either during their visit to the college or through correspondence.
- The college is yet to develop a structured feedback response system from the employers.

2.1.4. Curriculum update:

- Curriculum is updated by the University at regular intervals.
- Feedback from stakeholders on curriculum received by the College is presented before the appropriate bodies of the University by the teachers who are members of such bodies. At present 5 teachers are members of the BOS.

2.1.5. Best Practices in Curricular aspects (if any)

- With several of the students having limited English speaking skills, Spoken English classes are conducted at different timings in different venues in the college as per the convenience of the students.
- The language lab, with the conventional system in place, is used extensively for updating the Communicative English skills of the students.

2.2. Teaching-Learning & Evaluation:

2.2.1. Admission Process and Student Profile:

- Wide publicity is given for inviting applications for admission to various courses through the college prospectus and the regularly updated college website. Admissions to all courses are based on merit.
- Prescribed rules of reservation of the State Govt and university are strictly adhered to. Majority of the students admitted are from the neighbouring fishing community and are first generation learners.

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2.2.2. Catering to the diverse needs:

- Structured bridge and remedial courses for students in subjects like Mathematics and English is conducted. The college conducts an Orientation Programme for the freshers.
- The Advanced Learners are encouraged to help the academically weak students through peer group teaching and Spoken English classes.
- The college has the mechanism of providing counselling and guidance service to the students through class teachers for every class and the tutor-ward system.
- The progress of the disadvantaged learners is enhanced and monitored through coaching and mentoring on a daily basis through the tutor-ward system.

2.2.3. Teaching-Learning Process:

- Teachers adopt academic calendar, diaries and use modern teaching aids.
- Project work, industrial visits, field work, exhibitions, quiz etc are encouraged to inculcate experiential learning, and problem-solving aptitude, though they may not be stipulated in the University syllabus in certain programmes.
- The Library remains open throughout the year and the stakeholders make use of this facility. The hostel also has a library with limited books.

2.2.4. Teacher Quality

- 17 teachers are Ph.D. holders and 23 possess M.Phil. Degrees and 02 teachers have cleared the SLET/NET.
- Three teachers are well-known creative writers. Most teachers shoulder additional responsibilities for the overall development of the college.
- Teachers are appointed as per the Guidelines of the UGC, University and State Government guidelines.
- During the last five years six teachers had availed the UGC-Faculty Improvement Programme (five for Ph.D. and one for M.Phil.). Many other teachers have attended Refresher Course/Orientation Course/Workshops. Nine awards from both State and National Organisations were received by the teachers.

2.2.5. Evaluation Process and Reforms:

- System of continuous assessment of the students through assignments, class tests, term tests, paper presentations, Quiz competition, debates, etc is preheld.
- The examination system is transparent and effective.
- Students can scrutinise their answer scripts of the tests conducted as part of continuous assessment and can register their grievance, if any. Parents are informed about their wards' performance through report cards and informal interactions,

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2.2.6. Best Practices in Teaching-learning and Evaluation (if any):

when need be.

- An hour has been earmarked daily for an interaction between the tutor and the student. Value education is also imparted during this hour.
- Students maintain corresponding teaching diary.

2.3. Research, Consultancy & Extension:

2.3.1. Promotion of Research:

- The Research Committee has been constituted recently.
- Teachers are encouraged to attend Seminars and Conferences hosted by other institutes/agencies.
- Collaborative research work may be formalised through MOUs.

2.3.2. Research and Publications Output:

- Teachers of the college have published in international and national journals; popular articles in dailies/magazines; and published books.
- Some departments are recognised research centres and six teachers are recognised research guides and have successfully supervised M.Phil and Ph.D. scholars.
- Teachers of various departments have completed Minor Research Projects, in addition to ongoing MRP funded by the UGC and other Funding agencies like STED. KSCSTE has also funded student projects.

2.3.3. Consultancy:

- Faculty of the institution render academic consultancy to the Kerala University and Centre for Continuing Education of Kerala.
- Visible consultancy work is yet to be initiated.

2.3.4. Extension Activities:

- The College promotes extension activities through the NSS, Women's Studies Centre, Human Value Club and AICUF.
- The 3 NSS units of the College have organised many one-day programmes on various themes of social relevance, besides regular NSS activities. NSS Units have adopted a nearby village and have constructed 2 NSS Bhavans for the needy.
- Three NSS volunteers have received university level and one State level Best Volunteer Awards.

2.3.5. Collaborations:

- The NSS Units take active part in various extension activities organised by GOs and NGOs, like the Forest Department and Lion's Club, Friends of Trees, etc. respectively.
- The college has established informal collaboration with Industries/Establishments, which has resulted in increased employability of students.

2.3.6. Best Practices in Research Consultancy

- Publication of an in-house inter-disciplinary

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and Extension (if any):

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2.4. Infrastructure and Learning Resources:

2.4.1. Physical Facilities for Learning:

- research journal 'Astra'.
- Participation of faculty and students in extension activities is encouraged and sustained.
- Various stakeholders of the college contribute for the asset development of the outreach programmes.

2.4.2. Maintenance of Infrastructure:

- Located in a well-protected campus area of 35 Acres with a built-up area of 21622 sq. metre with well maintained class rooms, laboratories and sufficient space for co- and extra-curricular activities.
- There are facilities for indoor and outdoor sports and games, a UGC sponsored gymnasium, one Conference Hall and one Audio-Visual Hall is available for various activities. There is an Auditorium with 1300 seating capacity.
- The institution makes use of its infrastructure optimally by conducting various academic programmes and co- and extra-curricular activities.
- Budgetary allocation is made under different heads for maintenance facilities of the college. The campus is well maintained as a salubrious green environment.
- All sections of the institution are linked with Public Address System.

2.4.3. Library as a Learning Resource:

- The College library is housed in a building of 14298 sq. feet area and has 55507 books titles and subscribes to 13 national journals, 5 international journals, one Peer Reviewed Journal and 32 Magazines. It has 300 back volumes of Journals. There is a Book Bank with 2500 books.
- Computerized library (with bar-coding facility) with good use of library management softwares functions under the supervision of Library Advisory Committee. It has a qualified Librarian.
- The resources of the Library have been augmented continuously during the last five years. The Library has Open Access System and Reading Room facility for teachers, scholars and students is available.
- Reprographic facilities in the Library caters to the needs of the students. The internet browsing facility in the library may be enhanced.

2.4.4. ICT as Learning Resources:

- There are 47 Computer Terminals in the College, which needs augmentation. All the departments have one computer and the faculty have received training in the use of computers.
- Internet facility with 3 terminals in the library and 16 terminals in the computer centre are available to the students and faculty. Two LCD

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2.4.5. Other Facilities:

- projectors (one donated by the Alumni association) and four OHPs are available.
- The College updates its Website every month.
- There are separate staff rooms for each Department and Recreation room for the students. One well-maintained hostel accommodates 233 boarders.
- There are 3 college buses as transport facility for the students and staff. There is facility for parking, a public phone booth and an extension counter of Central Bank of India. The canteen is well maintained and provides clean and hygienic eatables.
- Medical facilities are availed from a nearby hospital. However, a sick room with first-aid facility is available for immediate rest of the physically uncomfortable students.
- The general ambience of the college is conducive to teaching and learning.

2.4.6. Best Practices in the Development of Infrastructure and Learning Resources (If any):

- Infrastructural facilities are being developed systematically keeping in view the institutional requirements.
- An alternative source of energy-a gohar gas plant is available for use in the hostel.
- Optimum utilisation of infrastructure and resources.

2.5. Student Support and Progression:

2.5.1. Student Progression:

- The College monitors the students' progression to higher studies. 36 per cent of UG students pursue their higher studies and 9 per cent of the PG students go for research. About 25 per cent of students get employment. The pass percentage of the college is impressive and students have secured university positions in some examinations.
- The drop out rate is below 2 per cent, which seems to be very minimal considering the socio-economic background of the students. The institution takes care to ensure that there is minimum dropout.
- The College has a Career Guidance Cell, which has made some attempts for on-campus and off-campus Placements. However, specific infrastructural facilities for the Placement Cell is seen wanting for effective functioning.

2.5.2. Student Support:

- The College publishes its updated Prospectus every year and a Handbook containing necessary information is given to all students.
- Freeships/scholarships instituted by different organisations including Parent and Teacher

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Association, Alumni Association, and Management are awarded to the needy and meritorious students regularly in addition to the Government sponsored ones.

2.5.3. Student Activities:

- A qualified counsellor extends counselling in a professional manner twice a week.
- The College has indoor and outdoor games and sports facilities.
- The institution conducts regular sports and games meets and extends training facilities to the students. Students participate in various games and sports meets organised by different bodies. Students of the college have represented the Kerala University in the Inter-University National Meet.
- Students organise programmes in All India Radio and participate in TV Talk Shows. One student is a film artist in Malayalam and Tamil films.
- Through the Students' Union and the various clubs, students are encouraged to participate in cultural programmes and have received several prizes. They also maintain the ethos and culture of their State in these events.

2.5.4. Best Practices in Student Support and Progression (If any):

- Development of students with proper value orientation is ensured, through value education, out reach programmes and value-added courses.
- The institution has instituted some prizes and cash awards to felicitate students who excel in games and sports, eg: besides regular support given to the sportswomen. The Handball team is provided free lunch throughout the year.

2.6. Governance and Leadership:

2.6.1. Institutional Vision and Leadership:

- The Vision and Mission of the Institution is in consonance with the stated objectives of Higher Education. The Principal and the Management Committee provide leadership and guidance for achieving the Goals and Objectives of the Institution.
- The College authorities are aware of the changing context of higher education and the future challenges that are to be faced by the students and accordingly steps are taken to prepare the students to face the challenges. However, the Institution is handicapped by the Government policy of not permitting starting of new programmes on self financing basis.
- The Institution has introduced few internal academic reforms to make the teaching-learning process effective.

2.6.2. Organizational Arrangements:

- The management structure of the College is as per rules. Appropriate committees have been constituted

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to assist the Principal in administrative and academic matters.

- Participation of teachers in various activities of the institution is ensured. Students and the non-teaching staff's representation in various committees encourages their involvement in institutional activities.
- The Grievances Redressal Cell also takes up issues like Sexual Harassment also. Two suggestions/complaints boxes are available.

2.6.3. Strategy development and deployment:

- The College decides on the perspective plan for future development of its infrastructure and academic programmes and implements the same accordingly.
- Feedback from students on teachers appraisal and general issues needs to be structured for effective implementation.

2.6.4. Human Resource Management:

- The Management is sensitive to human resource requirement to implement the various academic activities of the College and has appointed faculty to run the M.Sc. (Environmental Science), Communicative English Programmes, and to fill up aided vacancies in all departments.
- Performance of the teachers is monitored through the Annual Self-Appraisal.
- Two training programmes for the non-teaching staff were organised. Computer training has been provided to the entire faculty and staff.

2.6.5. Financial Management and Resource Mobilisation:

- The College utilises the funds provided by the State Government, University and UGC as per the norms laid down. The Management also grants funds for academic and developmental activities.
- Accounts of the College are being computerised and audited by Internal and External Auditors.
- The college ensures proper and optimum utilisation of funds received from various sources.

2.6.6. Best Practices in Governance and Leadership (If any):

- The management is positive in its attitude.
- Participatory management practices are encouraged.

2.7. Innovative Practices:

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NAAC for Quality & Excellence

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2.7.1. Internal Quality Assurance System:

- Different committees and clubs are constituted for decentralisation of responsibilities and efficient functioning.
- The informal Students' feedback, alumni response and observations of the parents are taken into consideration for improving quality.
- The IQAC has been formed in 2004. However, its composition, responsibilities and action plan may be streamlined.

2.7.2. Inclusive practices:

- The 20% seats for admission, which is at the discretion of the Management, is largely allotted to the under privileged to benefit the economically and socially disadvantaged community.
- The institution is sensitive to the needs of differently-abled students and takes appropriate remedial measures to facilitate their study. The Women's Studies Centre conducts a few awareness programmes.
- The College offers a course on Communicative English, and Spoken English.

2.7.3. Stakeholder Relationship:

- Healthy interpersonal relationship between various stakeholders is noticeable.
- A wide range of stakeholder forums/funds (eg: PTA, Alumni association, Management, Government, Staff Fund etc). contribute towards freeships/subsidised education of the economically/socially disadvantaged students.
- PTA/Alumni Association/Management also contribute to the salary of guest lecturers for certain value-added services like remedial courses, yoga, Spoken English courses, etc.

Section III: OVERALL ANALYSIS

3.1 Institutional Strengths:

- A fairly impressive infra-structure; 35 acres of campus with wide scope for expansion; thanks to delinking of pre-degree (Plus Two) programme, quite adequate labs/class rooms and other physical amenities.
- Healthy research culture, with some of the Departments having a track record of Ph.D. guidance/output and a good number of Research Projects (major/minor), National level Malayalam Seminars; creative writings (English, Hindi) winning awards/honours, regular Newspaper columnist (English), among others.
- An impressive teaching-learning process with well structured bridge/remedial programmes, teacher's workplan/student diaries, tutor-ward system, and Spoken English training with a language lab; (most of these being possible by

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the faculty working extra for one hour before and one hour after the regular classes).

- Given the policy of the Government/University of not permitting self-financing programmes, the initiative of the college in offering an inter-disciplinary M.Sc in environmental Sciences (with management-paid faculty) on regular fee structure prescribed by the University.
- Student support services including Spoken English, organising job fair, imparting skills (tailoring), value-added courses (UGC-Sponsored Add-on course on EDP, NCVT-approved certificates on computer operations, and secretarial practice), several extra-curricular activities through varied student-centered clubs.

3.2. Institutional Weaknesses;

- Lack of adequate number of computer systems with internet connectivity in proportion to the number of students, for effective access to e-learning resources.
- Some of the temporary/management-appointed faculty are not qualified as per UGC norms; considerable degree of inbreeding in faculty precluding the possible flow of fresh blood into the system. Because of lack of recruitment against regular vacancy of course, for want of government clearance, some Departments mostly / fully managed by guest faculty (Environmental Science, Zoology, Mathematics).
- Despite best efforts by the college to start new programmes, the policy of the state government is not conducive to start new programmes in thrust /emerging areas.
- Only few value-added courses (the one UGC-Sponsored Add-on course and the NCVT-approved two certificates) relevant to the women students, in particular, are available.
- Lack of formal linkages with industries/institutions for promoting research/consultancies, internship/field exposure for the students; no formal consultancy offered by the faculty.

3.3 Institutional Challenges

- The State/University policy of not permitting self-financing programmes in grant-in-aid college is a serious obstacle to launching newer programmes with better career prospects, nor does the Govt. sanction such programmes under grant-in-aid.
- The appointment of regular faculty not being

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cleared by the Government, the challenge of managing with guest faculty on management pay and hence the difficulty of attracting/retaining the qualified faculty.

- Absence of PG programmes in some of the Departments with long existence and fairly good faculty performance in research retard the vertical progress of the concerned disciplines (the Government clearance not forthcoming in the above direction is again a critical challenge).
- In the absence of strong IT/Computer Science Department, the facility of ICT back-up and campus expertise for e-applications is challenged.

3.4 Institutional Opportunities

- Opportunities for offering new programmes in the thrust areas, through contributions and support from industries/NGOs/PTA etc while adhering the govt. norms on offering of self-financing programmes in a grant-in-aid college.
- Scope for introducing several Short-term Diploma / Certificate courses, on a flexible 'Community College' model, as an appendage of the regular college; and provide opportunities for enriching the career potential of the campus students and members of the community as well.
- There is opportunity for the Management of the college to design and offer a programme on NGO Management and also offer consultancies and leadership for the NGOs in the service of downtrodden.
- Scope for running short term training programme in Communicative/Spoken English/ (by expanding/modernising language lab) functional knowledge in French language and other foreign languages, making herbal products by strengthening herbal garden of the college.
- Offering some online training/coaching on specific career areas by networking with the professional agencies in this field (coaching for CA, Tally, Banking/Insurance, among others).

Signature
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**Section IV: Recommendations for Quality Enhancement of the Institution**

- Efforts be pursued to start new programmes in the cutting edge areas such as computer Science, IT, Mass Media and Visual Communication, Hospitality Management, Event Management, Retail Management, among others which may be of particular career relevance to women; networking with external agencies for offering some of the above programmes be explored. This college may conceptualise and offer short-term courses (Diploma/Certificates in the label of the college) in a flexi-model of a Community College. Areas such as Fashion Technology, Government designing/tailoring, cosmetology, Dietetics, Fine Arts and Music be considered.
- Exploring the research potentials of the faculty, provision of consultancy services be encouraged by establishing formal linkages with industries / institutions, appropriate incentive for the concerned faculty in revenue sharing be formulated.
- While commending the initiatives of imparting skills of Spoken English, the same be strengthened and broad based into a certificate in Soft Skills, covering almost all the students by outsourcing expertise and modernising the language lab.
- The college may avail the UGC support for offering more number of Add-on/career oriented certificates/Diploma courses, so that many students may do one or the other course on a concurrent basis.
- The ICT thrust in teaching/learning be strengthened/expanded further.
- Adequate thrust be given in faculty development activities, particularly in latest pedagogy and e-content preparation.
- The management may organise more of staff welfare/student support services (eg: group insurance, mediclaim etc) if necessary, by networking with other educational institutions run by the same management in the region.
- The structures of IQAC, Grievance Redressal Cell, Academic and Administrative Audit be streamlined on the lines of NAAC/UGC guidelines.
- Necessary modifications in the infrastructure to make it disabled friendly may be considered. Alternative environment friendly energy resources can be utilized on campus. The college may develop a perspective plan for future development for next 10 years.

I agree with the observations of the Peer Team as given in this Report.

Signature of the Peer Team Members:

Chairman:

(Prof. C. Thangamuthu)

Member co-ordinator:

(Prof. J.K. Mohapatra)

Member:

(Dr. Sheela Ramachandran)

Place: Thiruvananthapuram
Date: 9th February 2008.

Dr. Mabil, P.S.
Principal

ALL SAINTS' COLLEGE
TRIVANDRUM - 695007





Annexure – IV

Details of Achievements/ Participation of Students in Sports, Games, Cultural and Extracurricular Activities in the Last four years:

SPORTS

Game	Individual/Team	Prize	Year
National			
Rugby	Jobi S.J	Bronze Medal	2015
State			
Cricket	College Team	IV	2010
Handball	College Team	Ist runner up	2010
Cricket	College Team	IInd runner up	2012
Volleyball	College Team	IV	2014
University			
Softball	College Team	III	2010
Handball	College Team	I	2010
Kho-Kho	College Team	IV	2010
Chess	College Team	IV	2011
Swimming	College Team	IV	2011
Javelin Through	Renjini M.A	III	2011
Handball	College Team	II	2011
Base Ball	College Team	III	2013
Handball	College Team	III	2013
Cricket	College Team	III	2013
District			
Athletics	Anjitha.S	I	2013
Athletics	Anjitha.S	I	2013
Intercollegiate			
Football	College Team	Ist runner up	2010
Football	College Team	II	2011
Athletics	Anjitha S	I	2011
Pole-Vault	Saranya S.S	II	2011
Walking race	Rejani John	III	2011
March Past	College Team	III	2011
Swimming	Dhanya T	III	2011
Handball	College Team	II	2011
Handball	College Team	I	2012
Football	College Team	I	2012
Chess	Namitha Narayanan	I	2012
Base Ball	College Team	III	2013
Football	College Team	II	2013
Cricket	College Team	III	2014
Football	College Team	II	2014
Base ball	College Team	III	2014
Handball	College Team	III	2014
Cricket	College Team	III	2014
Base ball	College Team	I	2014
Football	College Team	Runnerup	2014
Hockey	College Team	III	2014
Softball	College Team	III	2014
Cricket	College Team	III	2014
Handball	College Team	III	2014



EXTRACURRICULAR ACTIVITIES

Activity	Year
NSS	
10 kilograms of rice each were distributed to several poor families in the Cheruvettucaud area on December 18, 2011 at St. Sebastian's Church, Trivandrum. Five volunteers participated in the volunteer leadership training camp held at University Students Centre PMG	2010
Sadbhavan Day was observed by all students of the College. All the students took the Sadbhavana Day Pledge.	2010
10 volunteers participated in a ceremony to Honor a senior Gandhian at his residence. It was organized by Centre for Gandhian Studies Trivandrum	2010
Three volunteers participated in the Chenkal Valiyakulam Rejuvenation- Inter-Collegiate Special Camp	2010
A Voluntary Blood Donation Camp was organized at the College in association with SCTIMST	2010
Chitra J.P of DC III English participated in the Pre-Republic Day selection camp at S.N. College Kollam	2010
Two volunteers participated in the Chenkal Valiyakulam Camp	2010
NSS volunteers participated in the NSS Day Celebrations held at the College. 100 volunteers took the NSS pledge.	2010
Three volunteers participated in the Chenkal Valiyakulam Camp	2010
On National Blood Donation Day Terumo Penpol Ltd. organized several competitions at Vyloppilly Samskrithi Bhavan. Six volunteers participated in the same.	2010
Gandhi Jayanti was observed by NSS Cell of University of Kerala by organizing a cleaning program at Vanchiyoor Court premises. Two Program Officers and 25 volunteers participated in the same.	2011
12 volunteers actively participated as volunteers during the Gandhi Jayanti week Celebrations. It was jointly organized by the Dept. of Information and Public Relations, Govt. of Kerala and Centre for Gandhian Studies, University of Kerala.	2011
One NSS volunteer, Chitra J.P DC III English, attended the South Zone Pre Republic Day Parade Camp 2010 at MAM Engineering College, Siruganur, Trichy and Tamilnadu	2011
A Seminar on Atrocity against women and children was conducted by Peta Police Station at All Saints' College	2011
One P.O and 100 volunteers participated in a one day workshop on Gender Equity for Prosperity with Peace, Organized by KEDES, National Women's Commission New Delhi and P.N. Panickar Foundation	2011
D.D. Malayalam Channel covered the awareness campaign on Eye donation at All Saints' College. State Liaison Officer Smt. Anita Sankar launched the campaign in the College	2011
An exclusive female voluntary blood donation camp was jointly organized by KSACS, Hindustan Latex, NSS and All Saints' College. Cine Actor Suresh Gopi Inaugurated the program. Female students from several colleges in the city donated blood.	2011
10 volunteers participated in a talk on Endosulfan at Centre for Gandhian Studies, Thycaud	2011
One P.O. attended a meeting organized by KELSA at the chambers of the District Judge, Vanchiyoor, Trivandrum.	2011
One volunteer, Sony Sreekumaran DCII Economics attended a 5 day State Level Workshop on "Environment Awareness" at Attapadi Hills Area Development Society	2011



1 volunteer, Stephy Lopaz, participated in the NSS Mega Camp at New Delhi.	2011
Five students from D.C.II. B.Com attended the two-day seminar 'National RYLA' (Royal Youth Leadership Award)-2011 at Mar Gregorios Renewal Centre, Mar Ivanios Vidya Nagar, Nalanchira.	2011
A legal awareness class was conducted for all DC II students at All Saints' College	2012
World AIDS Day celebrations were jointly organized by Terumo Penpol Ltd. and All Saints' College. 250 volunteers participated. The Red Ribbon Club was officially inaugurated by lighting of lamps. A talk on AIDS awareness was followed by a quiz on blood donation. Club FM organized games for the volunteers. A street play on AIDS and a candle lit Rally were the highlights of the program.	2012
A Special Talk on saving energy was delivered by Mr. Roy Abraham	2012
Three volunteers participated in a three day Training Programme imparted to the peer educators. This was jointly organized by NSS, KSACS and HLPPT at Maria Rani Training Centre, Trivandrum.	2012
Two volunteers participated in the Inter-collegiate quiz competition for NSS volunteers.	2012
The Bhoomithra Sena Club was formally inaugurated on at our College. It was jointly organized by NSS and Departments of Botany and Environmental Sciences.	2012
The Vermicompost unit of All Saints' College was inaugurated by Smt. Anita Sankar, State Liaison Officer, NSS	2012
As part of its Centenary Celebrations, Central Bank in association with NSS organized a tree plantation programme in the campus. 110 saplings of Mahogany trees were planted by the Principal, Dr. Mabil P.S, NSS Programme Officers, Staff of Central Bank and 100 volunteers	2012
Volunteers of Paper Man an NGO involved in recycling paper interacted with our volunteers on the significance and benefits of recycling paper	2012
Ms. Sonu Balachandran, DC II Zoology, attended a Ten day Winter Adventure Camp sponsored by N.S.S. Regional Centre, Trivandrum at Jawahar Institute of Mountaineering and Winter Sports	2012
Liji of I DC Botany attended State level and National Level Camps of NCC	2012
Tintu and Manju of DC III History received prizes for being regular blood donors on 14th June-World Blood Donor Day organised by Terumo Penpol at Vyloppilly Samskrithi Bhavan.	2012
Saji Mol of Semester III History won the third prize in the Inter-Collegiate Malayalam essay competition organised by Govt. Law College, Trivandrum	2012
Divya R H of DC III History received an award for being the Best NSS Volunteer in All Saints' College	2013
Training, Orientation and other programmes attended by NSS volunteers	2013
80 volunteers participated in a special interactive session on Environment and Disaster Management	2013
A Programme Officer and 30 volunteers attended the World Blood Donor Day Programme at Vyloppilly Samskriti Bhavan organized by Terumo Penpol Ltd	2013
4 NSS volunteers participated in the Residential Training on Life Skills Development conducted by the Centre for Adult Continuing Education and Extension and National Service Scheme, University of Kerala under the SCSTDD project on finishing school, RTTC, Trivandrum	2013
12 volunteers took part in the two-day programme on Youth Development organized by Gandhi Smaraka Nidhi at Gandhi Bhavan, Thycaud	2013
5 volunteers attended the one-day orientation at Sree Chitra Tirunal Institute of Medical Sciences and Technology, Medical College Campus, Trivandrum.	2013



4 volunteers participated in a one-day orientation on 'Adolescent and Young Adults-Premarital Counselling Programme for Students of Kerala University organized by Child Development Centre in association with NSS, Uty of Kerala	2013
9 volunteers attended the Premarital Counselling held at CDC, Trivandrum	2013
One Programme Officer and 3 volunteers participated in a District Workshop to Develop Strategies for Suicide Prevention among Adolescents and Children organized by Kerala Social Security Mission, UNICEF	2014
15 volunteers participated in the programme organized by Terumo Penpol on National Blood Donation Day at Velloppilly Samskrithi Bhavan	2014
The National Service Scheme (NSS) has been actively involved in community services. The Red Ribbon Forum and Club 25 are two wings of the NSS which promote awareness about safe blood as well as voluntary blood donation. The members of Club 25 pledge to donate blood 25 times by the age of 25.	2014
Voluntary blood donation camps were held where 75 students donated blood	2014
50 volunteers and one Programme Officer participated in the 'Coastal Clean-Up Day' Programme organized by the Indian Coast Guard at Shangmugham Beach	2014
The NSS also made concerted efforts to reach out to the marginalized. They conducted a Sahapathikya Oru Veedu – Lucky Dip. The proceeds from the Lucky Dip were used to renovate the house of a widow.	2014
Visits were also made on the same day to the Old Age Home at Chackai and Akashaparavagal, a home for the mentally challenged at Vettucaud. The volunteers performed cultural programmes and interacted with the inmates. Sweets, snacks and soaps were also distributed.	2014
Lijitha of D.C. I Botany attended State level and National Level Camps of NCC.	2014
D.C. II B.Com students were adjudged the Best NSS Team at the Annual NSS Camp held at the Karikkakom High School from 30 November to 6 December. Surya S. Binu participated in various camps organised by the NSS.	2014
5 volunteers visited Snehasadanam, a care home for Alzheimer's patients, Tvm.	2014
Kuruvi Nature Club	
Dr. Dhanalekshmy T.G along with six Nature Club members attended the Friday Forum organized by the WWF at the Museum Auditorium. Mr. Sudevan S, Director, Indian Meteorological Department, Thiruvananthapuram delivered a lecture on "Seasonal Variation – Importance, Impact, Art of Weather Forecasting."	2011
Nature Club members participated in the programmes organized by the Department of Zoo and Museum during the Wildlife Week Celebration.	2011
Dr. Dhanalekshmy T.G and ten Nature Club members attended the Friday Forum organized by the WWF at the Museum Auditorium on. Mrs. Santhi, a well known environmentalist, delivered a lecture on the topic "Drinking Water – Myths and Reality." Dr. Dhanalekshmy T.G delivered the Vote of Thanks.	2011
A one-day visit to the Napier Museum and Aquarium at Thiruvananthapuram was conducted for the Nature Club.	2011
A CD display on Climate Changes and Ozone Depletion in support of the WWF.	2012
Ten students of Final Year B. Sc. Chemistry attended the symposium titled "Women in Chemistry" organized by the National Institute for Interdisciplinary Science and Technology (NIIST), Trivandrum. As a part of the drive to promote science among women, two students – Gopika V. Gopan and Reshma S., who got the highest marks in university examination, were given prizes.	2012
Shyma H. And Swapna Sasi U.S. participated in the quiz competition for college students organised by the Department of Museum and Zoo as part of the Wild Life Week celebration.	2012
Thirty students of the Zoology Department participated in the one day Seminar on the "Trends and Opportunities in Media" organised by the Department of English, All Saints' College in association with M.O.P. Vaishnav College for Women.	2012



Seventeen students from Semester I and Semester III participated in the Essay Writing competition held in connection with the World Environment Day.	2013
Asha Lekshmi V. of D.C.III Botany presented a paper titled, “Biological Spectrum of Floristic Community in All Saints’ College Campus, Thiruvananthapuram” in the UGC-sponsored National Seminar on ‘Emerging Trends in Biodiversity Conservation and Sustainable Management’ conducted by the Department of Zoology, Christian College, Chengannur. Shruthi Sreekumar of D.C.III Botany presented a paper titled, “Documentation of Terrestrial and Freshwater Algal Flora of All Saints’ College Campus” in the UGC- sponsored National Seminar on ‘Emerging Trends in Biodiversity Conservation and Sustainable Management’ conducted by Department of Zoology, Christian College, Chengannur.	2013
Surya K. of D.C.II Zoology presented a paper at a seminar organised by Hindustan Life Care Ltd. on the topic “Contributions of Hindustan Latex Limited Life Care in Improving Health Care Delivery in India. She won the consolation prize and was awarded with a memento.	2013
The Kuruvi Nature Club Members along with Dr. Dhanalekshmy T.G. attended a lecture by Mr. Sudevan S., Director, Indian Meteorological Department on the topic “Our Monsoons” at the Friday Forum organised by the W.W.F. Kerala State at Museum Auditorium.	2014
Save Green Club	
The medicinal garden—a living repository of plants of economic value— is the prime asset of the club. A collection of flowering plants is also maintained.	2010-15
The daily display of local plants with their vernacular names, binomial, family and uses under the heading “Know Our Plants” helps to create awareness about common plants among the students of our college.	2010-15
Mahatmaja Jaivodyanam– with endemic and common trees of Kerala in 3 cents of land is maintained.	2013-15
Mother Teresa Human Values Club	
Educating the girl child to take a proactive role in social welfare and relief by reaching out to the underprivileged is the main aim of the Club which focuses primarily on humane acts of service. This is reflected in its value education, awareness campaigns and outreach programmes.	2010-15
An eye-camp was arranged for the local community in collaboration with IMA, Chaitanya Eye Hospital and Foundation and Nethra Dana Pracharana Samati. Free eye check-ups, and free cataract surgery offered for the financially challenged.	2011-15
The white gift tradition at Christmas was observed by both staff and students. Rs. 17,000 was raised which was donated to RCC, Divyasanthi Ashram.	2012-15
Stdents of DC III teach the weak students of Vettucaud School	2012-15
The Sixth Sense	
The All Saint’s College Quiz Club, is a platform for the students to widen their realms of knowledge and to sharpen their quizzing skills. 29 students enrolled as members and the Club met 26 times. At every meeting, quizzes on current affairs and a specific chosen subject were conducted.	2010
The teacher-in-charge of the Sixth Sense, Mrs. Khyrunnisa A. Conducted a quiz competition for SBT bank employees in connection with Vigilance Week. She also conducted the Padmini Nair Rolling Trophy Intercollegiate Literary Quiz organized by Government College for Women, Trivandrum.	2010
The Club held an All Kerala Inter-Collegiate General Knowledge Quiz sponsored by the PTA. Mar Ivanios College, Trivandrum, represented by Vishnu Vinayan came first. Prof P Vijaya Kumar was the quiz master.	2012



CULTURAL EVENTS

Programme	Organizers	Prize	Year
A team of six students			
Inter-collegiate Atthapookkalam competition	Red FM 93.5 in co-operation with TATA – TION an Onakoottaima at Infant Jesus School, Kawdiar	participated	2010
Aswathy. T.S.			
Poster designing competition	Terumopenpol	2nd prize	2010
English Slogan competition.		consolation prize	
painting competition	Sree Chithira Thirunal Smaraka Sangeetha Natyakala Sahakarana Padana Kendram	2nd prize	2010.
Kaleidoscope competition	PG and Research Department of English, Mar Ivanios College, Thiruvananthapuram	3rd prize	2010
Krishnapriya T.R.			
Quiz competition	IMA, Trivandrum	2nd prize	2010
Sherin J.			
Malayalam elocution competition	TherumoPenpol	IInd Prize	2010
ArathiLal and group			
English skit	Intercollegiate competition “Avant Garde” organized by Mar Ivanios College.	First Prize	2010
Chinnu Nair			
	Intercollegiate competition “Avant Garde” organized by Mar Ivanios College.	Best journalist	2010
Film review	”	First Prize	2010
Indu Thampi and Aswathy V.P.			
literary pageants	Intercollegiate competition “Avant Garde” organized by Mar Ivanios College.	First and Second Prizes	2010
Devika Gopinath and Nazia R. Hussain			
Literary Quiz	”	First Prize	2010
InduThampi and Aarthy M			
English Debate		First Prize	2010
Reenu Elizabeth Paul			
Western solo song	”	Third Prize	2010
InduThampi and Joveeta Justin			
Poetry writing	”	Second and Third Prizes	2010
Archa S. Prasannan			
Creative writing in Malayalam	Intercollegiate fest “Plasma 2010” conducted by Trichur Medical College.	First Prize	2010
Archa S. Prasannan and Raji L.R.			
Malayalam message writing competition	ICFAI Education Group.	First and Second Places	2010
Sebastina K.C.			
English message writing competition	ICFAI Education Group.	Second Place	2010
Aswathi Mukundan			
Super Jodi dance reality show	Surya TV.	Participated	2010



Neethu William & Jeena Franklin			
All Kerala Inter collegiate Statistics Quiz competition	CUSAT.-2013	2 nd Prize	2010
Dr.U S Nair memorial All Kerala Inter Collegiate Statistics Quiz competition	Kerala Statistics Association at Govt.Women's college – 2011	3 rd prize	2010
Azeeja			
Hindi quiz	The State Level Hindi Fortnight Celebrations Committee, Kerala Hindi Prachar Sabha on 1st October 2010.	First Prize	2010
Gopika S and Nayana J			
Intercollegiate Quiz Competition	University College, Thiruvananthapuram.	Third Place	2010
Shayana M			
Short story writing	Information and public relations department, Government of Kerala	II prize	2010
Poetry writing	Information and public relations department, Government of Kerala	I prize	2010
Srthi Thambi			
Painting	Information and public relations department, Government of Kerala	I prize	2010
Divya.A			
Best fresher competition	All Saints' College	I prize	2010
Krishna Priya			
Malayali Manga Competition	All Saints' College	I prize	2010
Sruthi Sagar			
Miss All Saints' Competition	All Saints' College	I prize	2010
Suja R. and Geethu C.K			
Inter-Collegiate Skit competition on Blood Donation	Terumo PenPol.	III prize	2011
Swapna Sasi U.S.			
Essay competition "Role of Youth in the Protection of Environment and Wild Life"	Department of Museum and Zoo.	I prize, a trophy and a cash prize of Rs.1000/-	2011
Deepthi Cheriyan and Nikitha.S. Babu			
'Theme show' in "Luminance"	DC College, Wagamon	Second Prize	2011
Neethu Williams and Jeena Franklin			
All Kerala Inter-Collegiate Statistics Quiz competition (Trivandrum Zone)	Old Students Association, KUSAT at University College.	II prize	2011
Shamila K. and Similal			
Quiz competition	British Council, Chennai and Association of British Scholars (ABS) at the Museum Auditorium, Trivandrum	second prize	2011
Uma H and Athira V S			
Inter-Collegiate Mathematics Quiz competition	University College, Thiruvananthapuram	First Prize	2012
All Kerala Intercollegiate Statistics Quiz competition	KUSAT at University College	II prize	2012



Fathima Sumayya and Nanitha Narayan			
All Kerala Intercollegiate Statistics Quiz competition	KUSAT at University College	Fourth Prize	2012
Uma H, Athira V S, Sumayya and Namitha			
All Kerala Inter-Collegiate Statistics Quiz competition	KSA at the Government College, Thiruvananthapuram	Participated	2012
Divya A			
Students' Councillor and Executive Council member	Kerala University Union	Selected	2012
Gopika S and Nikitha S Babu			
Models	Ayyappas Textiles, Thiruvananthapuram	Selected	2012
Meera M.S			
Kerala University 'Acquire Scholarship'			2012
Magi Susan			
College-level NIIT Bhavishya Jyothi Scholarship Examination.		Top scorer	2012
Joslin Jos Jacob			
Newspaper Programme	Doordarshan in January	represented the college	2012
Neethu Williams			
T.I.M.E talent search examination	All Saints' College	third rank	2012
Geetha Mini D			
District level Quiz competition	Rama Krishna Mission in association with Department of Sports & Youth Affairs, Govt. of Kerala	I prize	2012
Miss Anjali Warriar			
essay writing competition	Department of Museum and Zoo, South Asian University, New Delhi	2nd prize	2012
State level Quiz competition	Rama Krishna Mission in association with Department of Sports & Youth Affairs, Govt. of Kerala	II prize	2013
ArathiSivaraj			
Mohiniyattam competition	Sree Chithira Thirunal Smaraka Sangeetha Natyakala Kendram, Thiruvananthapuram in connection with Ananthapuri Nritha Sangeetholsavam	I prize	2013
DanceFest 2013- Solo Dance competition	AdoorBhasi Award nite-2013	winner	2013
Shamila K and Similal K			
Quiz competition	British Council, Chennai and Association of British Scholars, Thiruvananthapuram	II Prize	2013
Anuja Mohan			
Short Story Writing	'ParisthithiKalotsavam' Organized by Centre for Gandhian Studies	II place	2013
SrthiThampi			
Mehandi designing	Mar Ivanios College-Ivanofest	II prize	2013
Gopika S and Nayana J			
Intercollegiate quiz competition	Department of Chemistry, University of Kerala, Kariavattom	third place	2013
SruthiSudhakar and Athira R L			
Dr. N S Warriar Intercollegiate quiz	University college, Thiruvananthapuram	third prize	2013



Anjana O S and Malini S			
	Women's Cell of KSCSTE, Sasthrabhavan, Pattom	Prathibha Scholarship	2013
Exhibition	Kerala science congress	first prize	2013
Namrata R nair, PoojaPradeep, Saira Joseph and Sumy Mathew			
THEME SHOW	DCSMAT Vagamon fest LUMINANCE	First Prize	2013
Theme show	SreeChithraThirunal College of Engineering – CULTAWAY	Second Prize	2013
SwethaKoshy			
“Banking Quiz”	M/s Green Academy of competitive Exams,Pattom, TVM – 4	Won a scholarship	2013
Darsana P			
Short story writing	D C Books.	I place	2013
Akhila R. Mohan			
State Level Quiz	Ramakrishna Mission	second prize	2013
Arya Raj A			
Drawing Competition	World Blood Donors Day	II	2013
Ms. Shyma P. Darshan			
Poster making Competition	„	II	2013
Archana V.M, Aneesa Abdul Jabbar and Sandra Yesudasan Miranda			
Essay writing competitions	Department of Museums and Zoos at Museum compound during the Wild Life Week Celebrations	I,II, III	2013
Ms. Gopika Raj and Ms. Gaythri			
Delf A2 exam in French		Selected	2013
Uma H & Athira V S			
University level Mathematics Quiz	dept. of Mathematics, Kerala University	I	2013
All Kerala Inter collegiate Statistics Quiz competition	University college	III	2013
Namitha Narayan			
Inter collegiate CHESS		I	2013
Ms. Aneesa Abdul Jabbar			
Essay writing Competition	World Environment Day Celebration, Department of Environmental Sciences, University of Kerala, Kariavattom Campus	II	2013
Poster making competition	National science day celebrations, CTCRI, Sreekariyam, Trivandrum	III	2014
Geetha Mini D			
Essay writing competition	cancer awareness programme	III	2014
Elocution competition	National science day celebrations, CTCRI, Sreekariyam, Trivandrum	III	2014
Anna Joseph			
State wide elocution competition	Kerala State Blood transfusion Council	I	2014
Sandra Yesudasan Miranda and Aneesa Abdul Jabbar,			
Quiz competition	one day seminar on “Scientific outlook on Biodiversity Conservation” on National Science Day Celebrations at Department of Botany, University of Kerala	I	2014
Deepthi Kuriakose			
Recruited for job as practitioner	IBM software		2014
Sreejitha and team			
Intercollegiate quiz prog	All Saints' College	cash prize	2014



Cultural events	All Saints' College	Ever rolling trophy	2014
	25th Kerala Science Congress held at Thiruvananthapuram	I	2014
Arya S Prasannan			
State level AyyappaPanicker Foundation Quiz		selected	2014
Ananya S Unni			
Fashion Show	Ivanio fest	III	2014
SpotChoreo	Wagamon fest	II	2014
Fashion Show	Wagamon fest	II	2014
Aparna& party			
Cholkazhcha	Ayyappapanikker foundation	III	2014
GayathriGopal			
Malayalam Elocution	Ivanios fest	I	2014
Surabhi			
Mal. Short story writing	DC Books	I	2014
Gopika Raj			
recitation competition	Alliance Francaise de Trivandrum	I	2014
Jini George and team			
singing competition	Alliance Francaise de Trivandrum	I	2014
Aswathy S Nair & team and Ms. Clare and team			
singing competition	Alliance Francaise de Trivandrum	III	2014
Aswathy A J & Serin S R			
inter-collegiate Mathematics quiz competition	University college ,Trivandrum	II	2014
Soorya S.N and party			
patriotic songs in Hindi	The State Level Hindi Fortnight Celebrations Committee, Kerala Hindi Prachar Sabha	I	2014
Vineetha V.S			
Essay writing competition	The State Level Hindi Fortnight Celebrations Committee, Kerala Hindi Prachar Sabha	III	2014
Sandra Yesudasan Miranda			
Essay Writing Competition	Manambur Service Co-operative Bank	I	2014
Souparnika S			
Poster Making Competition	Department of Environmental Sciences, University of Kerala, Karivattom Campus	II	2014
Keerthana J			
Recitation competition	4th Eco-Youth Festival University Students Centre, Thiruvananthapuram, Centre of Gandhian Studies, University of Kerala and Directorate of Collegiate Education.	I	2014
Athira B R and Jency Lawrence			
Painting competition	4th Eco-Youth Festival	I	2014
Jesty Paulson			
WIPRO course 4 years WISTA (M. Tech IT + Job)	Drive conducted at Christ Nagar college	got placement	2014
Meenu G Nayar			
IBM	Drive conducted in All Saints' College, Thiruvananthapuram	got placement	2014
Devaki Ramesh			
Group Singing Competition	Alliance Francaise de Trivandrum	III	2014
Jaynee Joseph			
Skit Competition	Centre for Gandhian Studies, Uty of Kerala and Directorate of Collegiate Education	I	2014



story writing Competition	Centre for Gandhian Studies, University of Kerala and Directorate of Collegiate Education, Government of Kerala	II	2014
SukanyaSundar S., Revathy B., Meenu G. Nayar and Sredhamohan			
National Seminar on and Nanoscience Nanotechnology	Department of Biotechnology	presented two papers	2015
Aparna & Team			
Malayalam Folklore	Bhasha Institute	II	2015
AshaSharaf and Rajalekshmy R			
regional level Statistics quiz	Kerala Statistical Association	I	2015
regional level Statistics quiz	Old students forum of CUSAT	I	2015
RenjiniSreekumar and Renji A S			
golden jubilee memorial Intercollegiate Mathematics quiz competition	Department of Mathematics, St. Johns college Anchal	III	2015
RenjiniSreekumar and JanakiBalachandran			
intercollegiate Mathematics quiz competition	Govt Womens college Trivandrum	III	2015

INTER-COLLEGIATE

Item	Name of Student	Prize
WITS' 12, organized by the Government College for Women, Trivandrum.		
	Team Event	Overall Championship
Quiz	Team Event	I
Kiss or Kill	Veena S	I
Kiss or Kill	Lisa Thomas	II
Translation	Noumi M	I
Fest organized by Mar Ivanios College		Prof. James Stuart Ever-Rolling Trophy
Quiz	Team Event	I & II
Dubbing	Nesty Jose	I
'DHWANI' Fest conducted by CET, Trivandrum		
Choreo-Video	Team Event	I
Apparel Design	Team Event	II
English Creative Writing	Bhavya Mohan	I
English Creative Writing	Veena S	II
Hindi Creative Writing	Ritty Saramma Joseph	I
Miss Dwani	Amrutha Mohan	Finalist
Debate	Kezia Susan George	Finalist
Ivanofest- an exclusive Malayalam fest conducted by the College Union of Mar Ivanios-		
Skit	Team Event	I
Debate	Shanu Mary William and Neethu Das K	II
Quiz	Shanu Mary William and Neethu Das K	III
Tejasvi Techno Cultural Fest conducted by the Marian College of Engineering, Trivandrum		
Mehendi designing.	Diana Hamid	II
Best Persona	Nisha Merlin	II
In Blitzkrieg 2010, a Pan South India Inter Collegiate IT Fest conducted by the Department of Computer Science, Sacred Heart College, Thevara, Ernakulam		
ADZAP	Chinnu Nair & Team	I



Avant Garde, the literary fest conducted by Mar Ivanois		
English Skit	College Team	First
Literary Pageant	College Team	First and second
Literary Quiz	College Team	First
Collage	College Team	Third
Debate	College Team	Firs
Western Solo	College Team	Third
Poetry writing	College Team	Second and Third

UNIVERSITY YOUTH FESTIVAL

2010-1011		
Item	Name Of The Student	Prize
Margamkali	Team event	II
Oppana	Team event	II
Thiruvathira	Team event	II
Bharathanadiyam	Devaki Rajaendhran	III
Ganamela	Team event	I
Vrindhavadhyam	Team event	I
Ottam thullal	Madhavi Chandran	III
String Instrument eastern	Malini. V	II
Wind Instrument eastern	Madhavi Chandran	II
Skit (Malayalam)	Team event	I
Short Story (Hindi)	Bhavya Mohan	II
Short story (Malayalam)	Archa.S.Prasannan	II
Poetry writing (Malayalam)	Athira	II
2011-2012		
Oppana	Team event	II
Margamkali	Team event	III
Vrindhavadhyam	Team event	III
English Recitation	Nesty Jose	I
Western Vocal Solo	Reenu Elizabeth Paul	II
Percussion instrument	Amrutha Mohan	II
Mimicry	Nesty Jose	II
Wind Instrument (Eastern)	Krishnasree B	III
Rangoli	Lakshmi S. R.	III
2012-13		
Thiruvathira	Aparna Vijay and team	II
Kerala Nadanam	Chitra J P and Team	II
Western vocal group	Reenu Elizabeth paul	II
Mime	Stiffy Sam Thomas	III
Recitation English	Nesty Jose	I
Malayalam Elocution Competition	Nesty Jose	III
Monoact	Nesty Jose	II
Mimicry	Nesty Jose	I
Light Music	Gowri Krishna	III
Wind Instrument (East)	Krishna Sree	I
Percussion (west)	Amrutha Mohan	II
Folk Dance	Aparna Vijay	II
Kerala Nadanam	Aparna Vijay	III
Short Story (English)	Maria John	I
Essay Writing (Malayalam)	Gayathri Gopal	III
Rangoli	Sruthy S. Thampi	II



Mime	Lubna Hilmy S.	III
2013-2014		
Thiruvathira	Sarika Mohan and Athira.A and Amala B	I
Kerala Nadanam	Sarika Mohan and Athira.A and Amala B	III
Margamkali	Sarika Mohan and Athira.A and Amala B	Participated
Hindi Essay Writing	Preksha Vishnu	II
Margamkali	Neja Prinsa N	III
Malayalam Debate competition	Nesty Jose and Gayathri	III
Malayalam Essay Writing	Gayathri Gopal	II
Malayalam Elocution competition	Gayathri Gopal	II
English Recitation	Nesty Jose	II
Wind Instrument Eastern	Krishnasree B.	I
2014-15		
Thiruvathira	Keerthi K and Team	III
Kerala Nadanam	Aparna Vijay and Team	II
Margamkali	Syamili S and Team	III
English Debate	Arya A & Gayathri G	I
Rangoli	Bamia Chandran	I
Fancy Dress	Aparna Vijay	III
Hindi Essay Writing	Remya K	III

The Programme Calendar of the College Annual Cultural Activities:

2010-2015		
Programmes	Date	Activity
Freshers Day	28 th July 2010, 28 th July 2011, 27 th July 2012, 25 th August 2013, 30 th August 2014.	Best Fresher competition
Onam Celebrations	7 th September 2010, 7 th September 2011, 23 th August 2012, 12 th September 2013, 5 th September 2014.	<ul style="list-style-type: none"> ❖ Thiruvathira ❖ Athapoo ❖ Onappattu ❖ Nadan Pattu ❖ Tug of War ❖ Maveli – Vamanan ❖ Lemon and Spoon ❖ Bitter Guard Eating ❖ Athapookkalam ❖ Malayalee Manka ❖ Vadamvali ❖ Breaking the Pot ❖ Onam crad designing ❖ Rangoli
Union and Arts Club Inauguration	25 th October 2010, 25 th October 2011, 18 th October 2012, 9 th October 2013, 16 th December 2014	Inauguration of the Club and Variety Entertainment
College Cultural Fest	9 th to 11 th November 2010, 11 th to 13 th November 2011, 2 nd to 4 th November 2013, 18 th to 20 th February 2014, 2 nd to 6 th February 2015.	<ul style="list-style-type: none"> ❖ Bharatanatyam ❖ Kuchipudi ❖ Eastern Solo Dance ❖ Folk Dance ❖ Fancy Dress



		<ul style="list-style-type: none"> ❖ Lightmusic ❖ Classical Music ❖ Mappila Pattu ❖ Painting ❖ Collage ❖ Eastern group Dance ❖ Free Style Solo ❖ Theme Show ❖ Western Group Dance ❖ Synchro ❖ Spot Choreo ❖ Tablau ❖ Western Solo ❖ Easter Solo ❖ Hindi Eloquution ❖ Hindi recitation ❖ Poster making ❖ Cartooning ❖ Mehendi designing ❖ Face painting ❖ Flower arranging
Film and Food Festival	9 th to 12 th February 2011, 9 th to 12 th February 2012, 10 th to 13 th February 2013, 21 st to 23 rd February 2014, 2 nd to 5 th February 2015.	Screening of four movies.
College Day Celebrations	20 th March 2011, 20 th March 2012, 19 th March 2013, 17 th March 2014, 27 th March 2015.	Academic Award Distribution and Variety Entertainment.
Valedictory Function	21 st March 2011, 21 st March 2012, 20 th March 2013, 18 th March 2014, 28 th March 2015.	Co-cultural Activities Certificate Distribution.
Youth Festival	27 th February to 1 st March 2013, 12 th to 16 th March 2014, 16 th to 20 th March 2015.	<ul style="list-style-type: none"> ❖ Thiruvathira ❖ Kerala Nadanam ❖ Mime ❖ Western vocal group ❖ Monoact ❖ Recitation English ❖ Mimicry ❖ Light Music ❖ Wind Instrument (East) ❖ Folk Dance ❖ Kerala Nadanam ❖ Percussion (west) ❖ Short Story(English) ❖ Essay Writing (Malayalam) ❖ Flute ❖ Rangoli ❖ Hindi Essay Writing ❖ English Recitation ❖ Keralanadanam



WITS Meet	29 th September 2012.	Variety Entertainment
Golden Jubilee Inaugural and valedictory Function	7 th September 2013, 30 th October 2014.	❖ Mohiniyattom ❖ Bharatanatyam ❖ Thiruvathira ❖ Keralanadanam ❖ Kathakali ❖ Kathak
Christmas Celebration	19 th December 2013, 19 th December 2014.	❖ Card making ❖ Christmastree decoration ❖ Carol singing ❖ Crib making ❖ Treasure Hunt ❖ Christmas Play ❖ Visit to RCC
FilmClub Inaguration	18 th December 2014.	KRIYA
Photo Exhibition “ Aval Vellithirayil”	18 th December 2014.	Photo contest
Clean Campus Movement- ‘ Forest Forever ’ Campaign	18 th December 2014.	Hundred Tree plantation programme.
Miss All Saints’ beauty contest	11 th November 2010, 13 th November 2011, 4 th February 2012, 14 th November 2013, 20 th February 2014, 6 th February 2015.	❖ Miss Beautiful Face ❖ Miss Beautiful Hair ❖ Miss Beautiful Smile ❖ Miss Beautiful Attire ❖ Miss Confidence ❖ Miss All Saints’