SELF STUDY REPORT

Submitted to

NATIONAL ASSESSMENT & ACCREDITATION COUNCIL
BANGALORE

ASSUMPTION COLLEGE
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FOREWORD

Assumption College has completed 62 years in imparting higher education to women students from all over the State. The College was re-accredited by NAAC in 2007 and the recommendations of the peer team formed the basis of our developmental planning in the last five years.

I am happy to submit for re-accreditation, a report of the activities and development of the College since 2007, based on the criteria laid down by NAAC.

Dr Sr Mariamma Joseph
Principal

Principal
ASSUMPTION COLLEGE
CHANGANACHERRY

ASSUMPTION COLLEGE
KERALA STATE
SURSUM CORDA
INDIA
CHANGANACHERRY

Changanacherry
01/08/2013

CONTENTS

1	Preface	1
2	Executive Summary and SWOC Analysis	4
3	Profile of the College	15
4	Criteria-wise Analytical Report	
	Criterion I : Curricular Aspects	27
	Criterion II : Teaching – Learning and Evaluation	42
	Criterion III : Research, Consultancy and Extension	67
	Criterion IV : Infrastructure and Learning Resources	116
	Criterion V : Student Support and Progression	131
	Criterion VI : Governance, Leadership and Management	150
	Criterion VII : Innovations and Best Practices	171
5	Post Accreditation Initiatives	182
6	Evaluative Report of the Departments	187
7	Declaration by the Head of the Institution	
8	Certificate of Compliance	
9	Annexures	

PREFACE

Assumption College, Changanacherry, founded in 1950, is one of the leading colleges for women in Kerala and enjoys a rare social accreditation in recognition of her earnest efforts to impart value based education while upgrading herself constantly to address the ever changing demands of the educational sector. In 1997, we were honoured by the Government of Kerala with the **R Shankar Award** for the **Best Non -Special Grade College** in the State. Starting with 358 women students, the College, today, has a student strength of 1928, 102 teachers and 44 support staff. In 2009-10, we celebrated our Diamond Jubilee. **The College was reaccredited with 'A' Grade by NAAC in 2007**.

Since 1997, our faculty has designed four academic programmes under the UGC scheme for Innovative Programmes in emerging areas, both in the Arts and Science streams. With only a single postgraduate programme in Science in the aided stream, the College was able to get a major funding from DST for improvement of teaching and research in the Science departments, thus opening up the prospect of a Research Centre in Science.

In academic, co-curricular and extracurricular activities, Assumption has steadily maintained her position in the forefront with laurels of victory in the form of university ranks, prizes in cultural pursuits and numerous medals and trophies in the field of sports and games. In 2011, our alumna, Sindhu M T qualified for the IES.

Chithra K Soman, who represented India twice at the **Olympic Games,** set a record of being the **first college student** from India (she was our student then) to participate in the Games; she was awarded the prestigious **Arjuna Award** in 2008. It is also a matter of pride that Assumption College has produced **39 international athletes and players**. In recognition of our achievements in sports and games, we were honoured with the first award for the **Best College in Sports and Games** instituted by the **Kerala Sports Council** in 2001. She is also a five- time winner of the Rajiv Gandhi Gold Trophy for overall championship in the College Games and eight-time winner of Malayala Manorama Trophy for the Champion College in the University.

The College was honoured with the following awards after the last accreditation:

- **Gyan Bharati Shiskha Award** instituted by the Global Management Council, Ahmedabad, recognizing the Institution as an Outstanding Achiever in the country, who has taken a lead in the contemporary education system
- **Bharatiya Shiksha Ratan Award** presented by the Economic for Health and Educational Growth, New Delhi

- **Sr. Tessa Award** for the Best College in Mahatma Gandhi University for Excellence in All Round Pursuit
- **Shiksha Bharati Award** for her Outstanding Contribution as an educational institution towards the progress and development of the society
- The Community College was honoured with **CH Muhammed Koya Award** for Excellence in Innovative Education
- **Sr. Hedwige's Award** at the national level, instituted by the Xavier Board of Higher Education in India
- The **Thycaud Sastha Foundation Award** for the Best College
- **National Environmental Awareness Award** instituted by the Khadi and Village Industries Development Agency of India, New Delhi
- **Dr. P.S. Job Memorial Award** instituted by AIACHE for the Best Innovative Programme
- The **University Awards** for the **Best College**, **Best Principal**, **Best Programme Officer** and **Best student** volunteer for outstanding service in **National Service Scheme**
- **Institutional Excellence Award** by All Kerala Catholic Congress, Archdiocese Committee, for the Meritorious Contributions in the field of Higher Education in Kerala
- Dr. Sr. Mercy Nedumpuram, Principal, was conferred with the **Best Principal Award** by the Catholic Federation of India

Though the majority of students are from within the State, we have a good number of students from other states, as well as NRI students and an overseas student. The seven hostels attached to the College provide comfortable accommodation to 850 students. The criteria for admissions, curricular transaction and welfare schemes are designed to provide inclusive education to students from all categories. There are various clubs and department associations functioning under the Students' Union to foster students' interests and talents in various fields, conduct competitions within the College and impart training to students to develop their skills. With a view to train students in responsible citizenship, active units of Catholic Students Movement, National Service Scheme, National Cadet Corps, Youth Red Cross, Human Rights Cell and Women's Cell function in the College. Students join hands with the Citizen's Forum, municipal bodies and NGOs to participate in programmes of public concern and interest. Linkages and collaborations have been established with reputed institutions and agencies for teaching - learning, research, internship and extension.

Awareness campaigns on energy conservation, environmental issues, solid waste management and eco friendly living are held under the initiative of the various departments. The students actively participate in the municipality's *Green City campaigns*. Many of the hostels have developed innovative and effective techniques for recycling and disposal of solid waste. Livestock are reared and methods of organic farming including vermicomposting ensure safe and sustainable co-existence with nature.

Keeping in view the changing role and greater social responsibility of an educational institution in the new century, the College introduced, in 2003, **Open NSS,** a novel scheme to engage all students in extension activity.

Archbishop Powathil Assumption Community College (APACC), an extension wing of Assumption College is the means through which Assumption reaches out to the specific needs of the community. The Community College carries out both academic and vocational training programmes for local women and students. APACC co-ordinates the extension programmes of the various departments in the College and the income-generating activities of the local women. The most recent milestone in the eight-year history of the Community College is the establishment of a **Business Incubation Centre for Women** which promotes women entrepreneurs who wish to launch or expand their enterprises. APACC works in unison with local Panchayat and Municipal authorities as well as with civil society initiatives. It is also a recognized centre of '*Akshaya',* a programme under the State IT mission. The Community College, the first one of its kind in the State, was referred to in glowing terms as the ***Jewel in the crown of Assumption*** by the NAAC peer team in 2007.

EXECUTIVE SUMMARY

Assumption College was established by the Archdiocese of Changanacherry to offer higher education to the young women of Central Travancore, but as the College moves into its sixty third year she is proud to cater to the educational needs of women from all over the State and beyond. The College went in for the first accreditation by NAAC in 1999 and for the reacreditation in 2007. It was a matter of gratification for us that from the three star rating in the first cycle, the College was able to rise to an A grade in 2007. We do feel that, as we present the College for the third cycle of reaccreditation, we are able to record quite a few outstanding achievements to our credit, beyond the commendable strides we have made in all spheres of activity. The united effort put in by the Management, staff and students has been blessed with remarkable support from alumnae, parents and the community to raise the College to its current status. Each milestone is an occasion for us to renew our commitment to stakeholders, without compromising on the vision of the founders.

A brief outline of the activities of the College recorded criteria wise in the Self Study Report is given below:

CURRICULAR ASPECTS

Assumption College is a First Grade College offering 16 undergraduate and 7 postgraduate programmes. A Research Centre attached to the Department of History started functioning in 2008, soon after the reaccreditation in 2007. We have also introduced a number of value added Add on, diploma and certificate courses as well as a variety of short term enrichment programmes designed by our faculty which enable students to acquire additional skills by the time they complete their first degrees. The introduction of Choice Based Credit and Semester System in 2010 by the University, offers the College greater flexibility in offering elective and open courses at the undergraduate level. Credit Semester System was introduced for Postgraduate programmes also in 2012. In an attempt to overcome the limitations of the affiliatory system, the College has tied up with other agencies to offer more flexibility and diversity in its academic programmes – it offered UG and PG courses under the Off campus stream of the University until 2009, was a partner institute of IGNOU under the convergence scheme from 2009 onwards and is a sub- centre of the Department of Continuing Education of the Government of Kerala. New academic programmes, like **Masters' in Textiles and Fashion** are introduced considering feedback of students and other stakeholders. The Community College, a subsidiary wing of the College offers a variety of programmes for skill development open to students and women of the Community.

Teachers are actively involved in curriculum design and development of the affiliating University as they are members of academic bodies and subject experts of curriculum revision committees of UG/PG. Above 80% of the faculty participated in the workshops on curriculum revision prior to the introduction of the Choice Based Credit and Semester System. The Institution has always fostered a collaborative network with the university, research bodies and industry to further curriculum design, for higher studies and research and for internships and placements. The goals and objectives of the College are integrated into the academic curriculum as much as possible to ensure that expected learning outcomes are attained.

TEACHING LEARNING AND EVALUATION

Transparency is ensured in the admission process at all stages. Until 2011, prior to the introduction of Central Allotment Process by the University, the College used specialized software for admission procedures. The social, economic and geographical profile of the applicants is considered in admissions to seats under community merit and management quota. Good results, campus discipline and general atmosphere conducive to learning may be taken as justification for the uniformly high demand ratios for all programmes. Teaching methods are adapted according to the needs of students. Training programmes are arranged for teachers within and outside the campus to improve the quality of teaching-learning. Remedial coaching, Bridge courses, Peer group learning and Tutorial sessions are aimed to help slow learners while advanced learners are motivated through multiple intelligence skills. Special attention is given to the physically challenged, economically and socially weaker students. The enrichment modules offered by all departments to supplement the regular curriculum, aim for skill development/ employment and empowerment. In 2009 AIACHE recognized this system with **P.S Job Award for the Best Innovative Programme**.

Increasing opportunities for fieldwork, internship and practical experience enable students to learn from firsthand experience and prepare them for future careers. Regular mentoring and counselling help students to improve their academic performance and psycho-social levels.

Twenty seven teachers have M. Phil and twenty have PhD as their highest qualification. In addition to ten books edited/compiled, there have been thirty nine international publications, thirty national publications and forty nine papers in International/national proceedings by faculty members since the last reaccreditation. The Management is keen to recruit meritorious candidates and thirteen teachers appointed in the last few years have qualified from reputed institutions. **Dr. Paulami Aich Mukherjee**, who joined the department of History in 2012, is the sole **Cultural Ambassador of the Government of Portugal** in India.

An efficient system of continuous internal assessment has been introduced; the register for internal assessment and the **Open NSS Learning Journal** are effective means of evaluating and recording students' performance. A structured system for student assessment of teachers and Teachers' work dairy are methods for appraisal and improvement of teacher's performance. The academic calendar and the action plan prepared at the end of each year ensure the smooth conduct of all activities of the following year. Academic audit, both internal and external, are conducted on a regular basis under the initiative of the IQAC.

The College library, which has a collection of more than 63, 000 volumes, subscribes to 135 national and international research journals and provides access to e-journals /e-books through INFLIBNET. ICT facilities including Teleclassroom and virtual lab facility are used for curriculum transaction. The institution takes the initiative to arrange national and international programmes for the staff and students to enable them to keep up with the latest developments in their fields. Students get ample opportunities to interact with eminent academicians/scientists who visit the campus. The Department of Fashion Technology avails the services of experienced industrial experts from **Senior Expert Service (SES), Germany**, to train students to keep up with international standards.

RESEARCH, CONSULTANCY AND EXTENSION

Many departments are in the process of mobilizing research activity. All departments are engaged in informal research and the department of History is a Research centre with six research guides and five scholars. Nine teachers have been recognized with awards for excellence in research and two are reviewers for international journals. Five major projects and nineteen minor projects have been taken up by the faculty in the post reaccreditation period. **Dr. I'ma Neerakal** was recognized as **Women Achiever in Science by KSCSTE**, Government of Kerala (2012). **Dr. Binumol Abraham won Gold medal and award for Best Thesis** from the **University of Hyderabad** (2012). **Dr. Paulami Aich Mukherjee** was selected as the **youngest scholar to submit Ph.D thesis** in the faculty of Arts (2010) from Jadavpur, Kolkata; she was also distinguished with the **Best Lecturer Award** for 3 consecutive years from **Asiatic Society Kolkata** (2009- 2011).

A major fillip for research activity in the College is the **funding of 67 lakhs** sanctioned for the development of infrastructure for teaching and research in the Science departments **under FIST programme 2012 of the Department of Science and Technology, Government of India**. **Inspire Science Internship Camp funded by DST** was organized in the College in 2012 to attract youngsters into pursuing pure sciences.

Along with pure research there is also a thrust on research as an extension activity to link the campus with the community. **Forty members of**

the faculty are consultants/resource persons to various agencies while the College provides consultancy services in twenty four different areas. A major initiative in community-oriented research has been taken by way of student surveys of an interdisciplinary nature, sponsored projects, tie-ups and linkages with external agencies.

The Archaeological Survey of India, National Museum, New Delhi, UNICEF, SEWA, Kerala Chamber of Commerce, Kerala Folklore Academy etc. are some of the organizations with which collaborations have been effected. The College became a **Training Partner Institution of the State Government's Additional Skill Development Programme** to offer training in communication skills and soft skills for graduates and postgraduates from all over the State.

Archbishop Powathil Assumption Community College has completed eight years of service in the field of women empowerment and community oriented activities. It is designed in accordance with the recommendations of the National Policy of Education and the UGC with a view to finding a remedy for the lack of social commitment in higher education. APACC aims to generate employment among the unreached sectors of the community through tie ups with governmental as well as non governmental organizations. Following a tie up with the **Federation of Indian Women Entrepreneurs (FIWE)** the Community College launched the South Chapter of the Federation in 2013. Another major milestone in extension is the establishment of **Assumption Business Incubation Centre for Women** which opens a doorway to provide technical skills for women entrepreneurs. It provides them a platform to work hand in hand with national and international women organizations. **AWAKE**, an umbrella organization that coordinates the entrepreneurial initiatives to develop a professional marketing network is also a noteworthy achievement.

Students are trained in good citizenship through organizations like NCC, NSS, Youth Red Cross, and also through extension activities of the departments and clubs. Our NSS units were recognized as one of the best in the University, **Ms. Whyni Gopi** was selected as **Best Programme Officer and Rachana Renukumar as Best Volunteer** in 2011- 2012. Our NCC Officer, **Ms. Kamakshy V was awarded the Most Promising Officer Medal** at the NCC Training Academy, Gwalior in 2013.

INFRASTRUCTURE AND LEARNING RESOURCES

The College offers excellent infrastructure facilities for curricular and extracurricular activities. The Research Centre in History, Assumption Heritage Museum, an indoor auditorium, a seminar Hall, DTP Centre, hostel for PG students, Student Amenity Centre with Recreation Room and Counseling Centre, renovation of the Auditorium, conference halls, departments, administrative offices, and laboratories and Basket Ball/Volley

Ball Court are among the major infrastructure developments in recent years. The canteen, cafeteria and College store are open during working hours. Two College buses cater to the needs of day scholars from interior areas.

New books and journals in the General and department libraries, INFLIBNET/Smart Board/Tele Class Rooms/and virtual lab, broadband connection and Wi-Fi, are some of the learning resources that help faculty and students to keep pace with the latest developments in their fields. LAN facility is available within the whole campus. A major investment in infrastructure was the **installation of a transformer** exclusively for the campus. Regular maintenance and upgradation ensure smooth and effective functioning of equipments/ instruments.

The **seven hostels** attached to the College offer comfortable accommodation for more than 880 students while residential teachers stay in the staff quarters.

STUDENT SUPPORT AND PROGRESSION

A vast majority of our students hail from backward areas and belong to average and low socio-economic categories. The College helps them to overcome such limitations by offering a variety of welfare schemes like freeships, financial aid, incentives and scholarships for achievers. Other than Central, State and University Scholarships, the **College has instituted 98 scholarships** in claboration with other agencies, considering both merit and means. The Mentor care programmes, the department of Human Resource Development, Counseling Centre, Career Guidance and Placement Cell and Grievance Redressal Cell provide support services and facilities to students. Book Bank facility, micro finance plan - "Samridhi"- and noon meal scheme are some of the ways in which needy students are supported. Special attention and scholarships are given to sports students of the college. The Community College enables students to take short term skill development courses and has the support facilities to promote the entrepreneurial skills of students.

The College emphasizes institutional social responsibility by trying to inculcate in students attitudes of social commitment and a concern for the less privileged. The College won the **district level award** for the college from which **most number of students donated blood** (2011-12). Students take the initiative in arranging charity visits, fund raising, collection of lunch packets/ clothes for the needy and tuitions for underprivileged school children. They also give demonstration of experiments for school children of the neighbouring schools. Keeping in sight the vision of the College, value education is incorporated into the routine of the College. The Catholic Students Movement arranges annual retreats and intercollegiate spiritual animation camps for catholic students.

The College has a track record of covetable achievements in cultural and literary fields. In the last year, **92 prizes** were won by students in intercollegiate competitions. **NCC Cadet Aleena Johnson** was selected for **Youth Exchange Programme in Sri Lanka (2012)** and three cadets participated in the Republic Day Parade at New Delhi this year.

A total of **1683 medals and 211trophies** were bagged in sports and games by our sportswomen during 2007-12. That **eleven students represented the country** in the last five years and **won seven international medals** is a matter of great pride to us. The Kerala Sports Council has deputed 3 full time coaches on campus in recognition of our outstanding performance in sports and games.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

The administrative mechanism ensures transparency, flexibility and innovation in keeping with changing needs and contexts. The smooth functioning of the College at both the academic and administrative levels is ensured by statutory bodies as well as advisory bodies. The organogram of the College indicates its clear-cut structure of organization which has continued through the years. Continued cooperation and understanding among the top management, Principal, faculty, administrative staff and other stakeholders contribute to the planning and streamlining of institutional policies. Meetings and discussions among the various bodies ensure maximum participation and coordination of all units in all the important decisions taken. A fair degree of operational autonomy guarantees decentralized governance. Leadership is groomed at various levels by allotting directorship of associations/ coordination of committees to faculty and by involving them in administration. Student leaders and representatives are members of committees at various levels.

Through Participatory Departmental Appraisal (PDA) by students, campus evaluation by student representatives, self appraisal of teachers, departmental SWOC analysis by IQAC and periodical internal quality checks by management, to maintain academic and administrative standards. Institutional relationship with stakeholders is improved through regular feedback. Each year a particular area is identified as the thrust area for development and input sessions, action plans, project proposals etc. are made to sensitize and equip the student community to “think globally and act locally”. To improve the infrastructure facilities of the College we tap and ensure optimal utilization of resources available from different sources such as government, UGC and self- funded courses. Provisions for inclusive education are made considering the socio demographic profile of our students. Annual internal and external auditing guarantees financial transparency.

INNOVATIONS AND BEST PRACTICES

All the activities of the College are oriented towards her vision and mission. Faculty development programmes and training programmes for students aim at excellence in academics. Efforts are made to instill in students an awareness of the dignity of womanhood and to enable them to practice sustainable development through eco-friendly activities. Activities of the College Union and departmental associations help students to develop social consciousness, responsible freedom and self reliance, promoting a healthy corporate life among them.

'Going green' starts with little things and technology selection is based on women-friendly and cost effective methods such as vermicomposting, segregation of waste at source and preparation of biopesticides, to name a few. The areas of ecological intervention taken up by the College include energy conservation, management of solid and liquid waste, and water conservation methods for soil enrichment. Numerous awareness camps and action campaigns are conducted to sensitize students on eco-practices that protect the environment. The Nature Club of the College and different departments take the lead in organizing such programmes. The Nature Club of the College was awarded the "**National Environmental Award**" instituted by Khadi and Village Industries in 2008.

The College encourages students to maintain a vegetable garden inside the campus. Organic fertilizers, vegetable seeds and saplings are distributed among students to prompt them to grow the crops in their homes. Effective team work and positive involvement of stakeholders contribute towards the development of the College.

Major innovations introduced in the last five years are:

■ choice of a **thrust area** each year in tune with the higher education policies of the UGC and NAAC ■ Launching of Business Incubation Centre to promote women entrepreneurship, Assumption Fashion Boutique ■ Selection of a Core Group of Advanced Learners (CORALS) through a multilevel screening process to identify outstanding students ■ A Learning hour outside regular class hours for conduct of skill oriented short term enrichment modules ■ Establishment of Student Amenity Centre and provision for indoor games ■Visiting faculty from Senior Expert Services, Germany ■ Institution of Distinguished Alumni Award

SWOC ANALYSIS

Strengths

- The College has an excellent reputation as one of the leading women's colleges in the state and the oldest in Central Travancore.
- Members of the Managing Board include eminent and experienced academicians and administrators who put in pertinent suggestions for quality improvement.
- Though the College is owned by the Archdiocese of Changanacherry, it has complete autonomy in financial matters. The income generated internally is fully utilized for improvement of services/ facilities.
- Competent faculty are appointed solely on the basis of merit.
- The College maintains an atmosphere of discipline, conducive to learning. Free from party politics, elections to the Students' Union are conducted in the parliamentary mode.
- In conformity to the vision of the founders the College takes care to uphold the noblest Christian ideals and spares no effort to impart value based education.
- The College is blessed with dedicated faculty who spend extra time outside the regular syllabus in engaging value education sessions, tutorial hours, remedial coaching and mentoring.
- The College provides opportunity for skill development through short term Enrichment modules, soft skills training through the HR department and psycho social guidance through the Counselling Cell.
- Eco friendly living and socially responsible citizenship is inculcated in students through the routine activities of the NSS, NCC, Youth Red Cross, the different departments and clubs.
- The Institution has good infrastructure facilities and learning resources, which are enhanced and upgraded regularly.
- There are ample opportunities for ICT enabled teaching learning as the College has 20 LCDs, 212 computers in LAN network with 24 hour internet connectivity.
- A unique feature of the College is the residential facility it offers to students through the seven hostels, attached to the College. A college bus provides easy access to students from the rural Kuttanad area.

- The best training and support facilities are extended to sports students. The are six full time coaches of which three are deputed by the Sports Council of Kerala to train our students.
- The campus has uninterrupted supply of water and electricity as well as intercom facilities.
- Strong and continuing networking with alumnae, parents and retired faculty through their respective organizations helps the institution to receive feedback for quality improvement from stakeholders at different levels.
- Cordial relations are maintained among staff, students and non teaching staff which contributes to an atmosphere of cooperation and goodwill.

Weaknesses

- According to the policy of the State government, new academic programmes have not been sanctioned in the aided stream for the last ten years. Hence the College is forced to start unaided courses for which lack of permanent faculty is a serious problem. At times there is also the non availability of efficient faculty.
- The campus area is limited and there is little scope for future expansion in this direction as it is located in a residential area.
- Since there is a predominance in the number of undergraduate courses the College has comparatively less scope and facility for research.
- In the current scenario it is increasingly difficult to ensure the security of women students when sending them for internships and training programmes outside the State.
- The College is situated in a semi urban area and this makes it difficult to effect industry linkages required for new generation job oriented programmes.

Opportunities

- Support from the alumnae and benefactors enable the College to give a good number of scholarships and freeships to students especially on merit cum means basis.
- An increasing number of teachers have acquired research degrees and undertaken research projects, so there is improved scope for upgrading more departments to the status of research centres.

- The College being affiliated to the University and recognized by the UGC it is eligible to apply for development grants and UGC sponsored programmes.
- Since the College enjoys a good reputation, students get opportunities for placement and internship in premier institutions.
- The College uses internal resources to provide scholarships, freeships, fee concessions and other welfare schemes for financially backward students, thus affording them the opportunity to continue their studies.
- Assumption being a women's college, we have every opportunity to focus on the holistic development of women students.
- Since the College is free from party politics and has a tradition of discipline, there is no disruption of classes due to strikes etc. Therefore it is possible to adhere to the academic calendar drawn up at the beginning of the year.
- The College offers a variety of courses offering chances for higher education, research, employment and entrepreneurship for all categories of women students

Challenges

- The University switched to the Choice Based Credit and Semester System in 2010 and the number of working days we get are totally inadequate to complete the prescribed curriculum. To make up for this, all departments take extra sessions on Saturdays and holidays thus putting too much pressure on teachers and students.
- Since Centralized Allotment was introduced by the University, there is undue delay in completing the admission process in the PG programmes. This results in lack of adequate time to complete the syllabus which is very vast.
- There is delay to make appointments in substantive vacancies, as the Government takes time to grant concurrence for the appointment of teaching and non teaching staff. In the meantime, the management is forced to appoint temporary staff. This affects the smooth functioning of the academic and administrative systems and proves to be a drain on the financial resources of the College. Also the permitted number of appointments with regard to support staff is far less than the necessary number and the management has to appoint a large number of support staff on daily wage basis.
- Lack of autonomy, which is in accordance with Government policy, is a serious challenge as the College has to function within the constraints of an affiliated college

- Since the demand ratio for all courses is uniformly high, the College is forced to admit students beyond the permitted strength through requesting the University for Additional Seats. The infrastructure and resources of the College are sometimes rather inadequate to meet the needs of increased number of students.
- In a scenario where the number of professional colleges in the State has increased inordinately, the quality of students who join for the conventional degree courses is far below the required standard. Equipping them to keep up with the demands of advanced syllabuses is a serious challenge.

Future Plans

- To apply for new PG programmes and job oriented UG programmes.
- To apply for UG programme in Physical Education
- To start more multidisciplinary/ interdepartmental programmes.
- It is proposed to construct a new block to accommodate classrooms and allied facilities for new programmes.
- It is hoped that the proposed Instrumentation Centre sponsored by DST, will cater to the research requirements of scholars and researchers from other institutions.
- To build a Sports Complex incorporating a roofed Volleyball court, multipurpose synthetic court and Long Jump runway, dormitory for visiting teams/ campers and guest residence
- To effect linkages with international fashion schools for student /faculty exchange programmes
- The Business Incubation Centre for Women launched at the Community College is projected as an institute to train prospective women entrepreneurs and to assist them in setting up their own ventures. Starting with a garment construction unit, the Centre will incubate other business enterprises in the near future.

Profile of the College

1. Name and address of the college:

Name:	ASSUMPTION COLLEGE		
Address:	CHANGANACHERRY		
City: KOTTAYAM	Pin: 686101	State: KERALA	
Website: ac@assumptioncollege.in			

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr Sr Mariamma Joseph	O: 04812401036 R:04812402352	8606056111	04812423305	srmercybotany@yahoo.co.in
Vice Principal	Dr Sr Marykutty Joseph	O: 04812420109 R:04812402121	9526699629	04812423305	sramalavp@gmail.com
Steering Committee Co-ordinator	Dr Regimol C Cherian	O: 04812420109 R:04812425248	9447145803	04812423305	iqac.assumption@gmail.com

3. Status of the of Institution :
   Affiliated College
   Constituent College
   Any other (specify)

Affiliated College

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. Is it a recognized minority institution?
   Yes
   No

Yes

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

Religious minority

Annexure-1

6. Source of funding:
   Government
   Grant-in-aid
   Self-financing
   Any other

Grant –in-aid

7. a. Date of establishment of the college: **04/07/1950**

   b. University to which the college is affiliated /or which governs the college (If it is a constituent college) **MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

   c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	**01-01-1968**	
ii. 12 (B)	**01-10-1984**	

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

Annexure-2

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

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

   Yes ☐ No ☑

   If yes, has the College applied for availing the autonomous status?

   Yes ☐ No ☐

9. Is the College recognized
   a. by UGC as a College with Potential for Excellence (CPE)?

   Yes ☐ No ☑

If yes, date of recognition: …… (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes ☐ No ☐

If yes, Name of the agency …… and

Date of recognition: …… (dd/mm/yyyy)

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

Location *	Semi-urban
Campus area in sq. mts.	39550.52
Built up area in sq. mts.	11533.87

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities √
- Sports facilities
  - * play ground- ✓
  - * swimming pool- Nil
  - * gymnasium - ✓
- Hostel
  - * Boys' hostel- NA
    - i. Number of hostels
    - ii. Number of inmates
    - iii. Facilities (mention available facilities)
  - * Girls' hostel - ✓
    - i. Number of hostels -**7**
    - ii. Number of inmates - **880**
    - iii. Facilities (mention available facilities)

      Sufficient supply of water and electricity, Solar water heater, computers with internet, library & reading room, recreation facilities, round-the-clock security.

* Working women's hostel - Nil
    i. Number of inmates
    ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise)

  Staff Hostel- **6 rooms to accommodate 12 teaching staff**

  Residence for Sports coaches with 2 bed rooms-1

  Quarters for Security staff-1

  Guest residence-3

- Cafeteria -- ✓
- Health centre –

  First aid ✓, Inpatient, Outpatient, Emergency care facility ✓, Ambulance…….

  Health centre staff –

  Qualified doctor Full time ☐ Part-time ☑

  Qualified Nurse Full time ☐ Part-time ☐

- Facilities like banking, post office, book shops - **Bank Extension Counter, ATM, College Store, 6 public telephones**
- Transport facilities to cater to the needs of students and staff-

  2 Buses, 1 Car

- Animal house –No (for livestock in hostels)
- Biological waste disposal - **Bio gas Plant in College and hostels**
- Generator or other facility for management/regulation of electricity and voltage – **Transformer and a generator of 55KV capacity**
- Solid waste management facility- **Yes**
- Waste water management- **Yes**
- Water harvesting -**Yes**

12. Details of programmes offered by the college (Give data for current academic year) for the year 2012-13

Sl. No.	Programme Level	Name of the Programme/ Course	Duration Semesters	Entry Qualification	Medium of instruction	Sanctioned/approved Student strength	No. of students admitted (including additional seats sanctioned)
1	Under-Graduate	English Lit	6	Higher Secondary	English	40	56
2	Under-Graduate	Communicative English	6	Higher Secondary	English	25	35
3	Under-Graduate	Malayalam	6	Higher Secondary	Malayalam	25	31
4	Under-Graduate	Economics	6	Higher Secondary	English	60	72
5	Under-Graduate	History	6	Higher Secondary	English	60	67
6	Under-Graduate	Museology & Archaeology	6	Higher Secondary	English	30	14
7	Under-Graduate	Mathematics	6	Higher Secondary	English	60	59
8	Under-Graduate	Computer Science	6	Higher Secondary	English	24	31
9	Under-Graduate	Physics	6	Higher Secondary	English	40	45
10	Under-Graduate	Chemistry	6	Higher Secondary	English	40	46
11	Under-Graduate	Botany	6	Higher Secondary	English	40	52
12	Under-Graduate	Zoology Model I	6	Higher Secondary	English	40	40
13	Under-Graduate	Zoology Model II	6	Higher Secondary	English	16	16
14	Under-Graduate	Family &Community Science	6	Higher Secondary	English	36	31
15	Under-Graduate	Commerce	6	Higher Secondary	English	60	70
16	Under-Graduate	Fashion Technology	6	Higher Secondary	English	30	29

17	Post-Graduate	English	4	UG degree	English	30	23
18	Post-Graduate	History	4	UG degree	English	15	20
19	Post-Graduate	Physics	4	UG degree	English	12	11
20	Post-Graduate	Computer Science	4	UG degree	English	25	15
21	Post-Graduate	DFSM	4	UG degree	English	20	12
22	Post-Graduate	Social Work	4	UG degree	English	30	21
23	Post-Graduate	Textiles & Fashion	4	UG degree	English	20	7
24	Ph. D	History	NA	PG degree	English	-	5
25	Certificate courses	Journalism & mass Communication	2	Higher Secondary	English	50	45
26	Certificate courses	Tally	2	Higher Secondary	English	50	57
27	Certificate courses	Tourism Studies	2	Higher Secondary	English	50	50
28	Certificate courses	Computer Based Mathematical Statistics	2	Higher Secondary	English	50	27
29	Certificate courses	Interior Designing	2	Higher Secondary	English	50	52
30	UG Diploma	Journalism & mass Communication	2	Certificat e in the same	English	50	21
31	UG Diploma	Tally	2	Certificat e in the same	English	50	20
32	UG Diploma	Tourism Studies	2	Certificat e in the same	English	50	23
33	PG Diploma	Journalism & mass Communication	2	Diploma in the same	English	50	24
34	PG Diploma	Tourism Studies	2	Diploma in the same	English	50	11
35	Certificate	Foundation Course in Human Rights	2		English	50	42

13. Does the college offer self-financed Programmes?

Yes ✓ No □

If yes, how many? **8**

14. New programmes introduced in the college during the last five years if any?

Yes	✓	No		Number	**1**

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Particulars	**UG**	**PG**	**Research**
Science	1. Mathematics 2. Physics 3. Chemistry 4. Computer Science 5. Botany 6. Zoology 7. Home Science 8. Fashion Technology	1. Physics 2. Home Science 3. Computer Science	
Arts	9. English 10. Malayalam 11. Economics 12. History	4. English 5. History 6. Social Work	History
Commerce	13. Commerce		
Any Other not covered above			

16. Number of Programmes offered under (Programme means a degree course like BA, BSc,MA,M.Com…)

    a. annual system [ ]

    b. semester system [**23**]

    c. trimester system [ ]

17. Number of Programmes with

    a. Choice Based Credit System [13]

    b. Inter/Multidisciplinary Approach [4]

    c. Any other – Credit Semester system [6]

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

    Yes [ ] No [✓]

If yes,

a. Year of Introduction of the programme(s)……. (dd/mm/yyyy)
   and number of batches that completed the programme [ ]

b. NCTE recognition details (if applicable)
   Notification No.: ……
   Date: …… (dd/mm/yyyy)
   Validity:……..

c. 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 [✓]

    If yes,

    a. Year of Introduction of the programme(s)……. (dd/mm/yyyy)
       and number of batches that completed the programme [ ]

b. NCTE recognition details (if applicable)
Notification No.: ……
Date: …… (dd/mm/yyyy)
Validity:……

c. Is the institution opting for assessment and accreditation of Physical 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*	-	-		45	1	35	9	35		1
Yet to recruit						1			1	
Sanctioned by the Management/society or other authorized bodies **(Guest Lecturers**) *Recruited*	-	-				51	-	-		8
Yet to recruit										

Support Staff appointed by management-17

21. Qualifications of the teaching staff:

Highest qualification	**Professor**		**Associate Professor**		**Assistant Professor**		**Total**
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
PDF	-	-	-	-	-	1	1
Ph.D.	-	-	-	13	-	6	19
M.Phil.	-	-	-	16	1	10	27
PG	-	-	-	6	-	18	24
Temporary teachers (Guest Faculty)							
Ph.D.	2						2
M.Phil.	4						4
PG	45						45
Part-time teachers	Nil						
Ph.D.							
M.Phil.							
PG							

22. Number of Visiting Faculty /Guest Faculty engaged with the College. **3**

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

Categories	**2009-10**		**2010-11**		**2011-12**		**2012-13**	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	NA	155	NA	116	NA	120	NA	145
ST	”	9	”	10	”	10	”	10
OBC	”	101	”	94	”	91	”	89
General	”	402	”	349	”	308	”	328
Minority	”	1253	”	1273	”	1333	”	1356

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1550	246	NA	5	1801
Students from other states of India	36	6	”		42
NRI students	83	6	”		89
Foreign students	-	1	”		1
Total	**1669**	**259**	**”**	**5**	**1933**

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

UG 1% PG 1%

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component **Rs. 39477 /-**

(b) excluding the salary component **Rs. 7650/-**

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

Yes ☐ No ☑

If yes,

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	Programme	Teacher-Student ratio	Sl No	Programme	Teacher-Student ratio
1	**BA** English Lit	1:37	**13**	**BSc** Zoology Model- II	1:8
2	Communicative English	1:24	**14**	Family & Community Science	1:16
3	Malayalam	1: 31	**15**	Bachelor of Fashion Technology	1:9
4	History	1:24	**16**	**BCom**	1:41
5	Economics	1:56	**17**	**MA** English	1:12
6	Museology & Archaeolgy	1:6	**18**	History	1:4
7	B Sc Mathematics	1:29	**19**	**M Sc** Physics	1:6
8	Computer Science	1:10	**20**	Computer Science	1:10
9	Physics	1:20	**21**	DFSM	1:7
10	Chemistry	1:19	**22**	Textiles & Fashion	1:2
11	Botany	1:21	**23**	**MSW**	1:7
12	Zoology Model- 1	1:24			

29. Is the college applying for Accreditation : Cycle 1☐ Cycle 2☐ Cycle 3 ✓ Cycle 4☐

Re-Assessment: ☐

(Cycle 1refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)
Cycle 1: **07/02/2000** Accreditation Outcome/Result – **Three Star**
Cycle 2: **10/02/2007** Accreditation Outcome/Result - **A**

A*nnexure* 3

31. Number of working days during the last academic year. **191**

32. Number of teaching days during the last academic year
(Teaching days means days on which lectures were engaged excluding the examination days) **173**

33. Date of establishment of Internal Quality Assurance Cell (IQAC)
IQAC **05/09/2001**

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.
AQAR (i) **08/08/2008**
AQAR (ii) **12/12/2009**
AQAR (iii) **01/04/2011**
AQAR (iv) **23/03/2012**
AQAR (v) **25/09/2012**

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

CRITERION I

CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

Vision, Mission and Objectives of the Institution

Vision

- To maintain the highest academic standards upholding the noblest Christian ideals and moral values to create enlightened, empowered and socially committed women.

Mission

- To equip students with skills which make them globally competent.
- To create a research culture and instill a devotion to academics.
- To encourage higher education among the economically weak and socially backward sections of the community, irrespective of caste and creed.
- To create an awareness of the dignity of womanhood and help students to develop an integrated personality.
- To contribute to the sustainable development process.
- To create socially productive citizens.

Objectives

- Start innovative courses related to frontier areas so as to equip women students to meet contemporary requirements of society.
- Introduce modern technology in teaching-learning as well as governance with an aim to further improve the academic and administrative functions of the institution.
- Facilitate institution-community interaction.
- Identify thrust areas for each year to translate different aspects of the vision and mission of the college into its routine activities.

The goals and objectives of the College are communicated to the students and stakeholders mainly through the college calendar, the prospectus, website, occasional meetings with stakeholders and also through newspaper supplements brought out on special occasions of the College. Efforts are made to help students to assimilate them through the regular activities, awareness programmes and instructions.

Action Plan for:

a. *Curriculum Development*

The Staff Council and IQAC meet for two consecutive days at the end of each year to assess the academic activities of the College, and suggestions for improvement are noted. At the beginning of the next year, meetings are held to draw up an academic calendar based on these suggestions. Each department presents its action plan in the staff meeting at the beginning of the academic year. Feedback from stakeholders is also considered during this stage.

For the effective implementation of the schedule, various committees are constituted for formulation of the general academic timetable and methods to record attendance, designing of teacher's work diary, conduct of internal and external examinations, operation of grievance redressal etc. Monthly planners and lesson plans are drawn up by individual teachers for effective transaction of university curriculum. The internal examinations are conducted according to the academic calendar and parent-teacher meetings are organized to discuss the performance of the student. Tutorial hours are utilized to help slow learners and extra classes are arranged so that the syllabus may be completed well in time.

b. *Curriculum Transaction*

The University conducts workshops in curriculum development in which teachers from all departments participate. It also deputes resource persons to the College for the effective conduct of workshops on curriculum development and transaction. The institution organizes subject-wise workshops and expert lectures on revised curricula, utilizing the facilities offered by the State Higher Education Council and the University. Teachers are encouraged to participate in such programmes conducted by other institutions and they have published handbooks and study materials for effective curriculum transaction. The College gives them ample opportunities to improve their teaching practices through training in ICT and specialized software. All departments have LCDs and computers with access to internet and INFLIBNET, as well as books and other learning resources. Learning hours and tutorial sessions are held in addition to the regular working hours, to enhance curriculum delivery.

Teachers' work diary helps them to plan lessons so as to ensure timely completion of syllabus. Above all, the College provides an ambience conducive to teaching-learning.

Networking with External Bodies

Departments of Fashion Technology, English, History, Zoology, Home Science, Computer Science, Commerce and Social Work have networks with about 40 firms and industries as part of the requirements of the curriculum.

BA Museology and Archaeology students collaborate with Kerala Council for Historical Research and the Department of Archaeology, Government of Kerala in the excavations of archaeological sites. The Department of Home Science maintains links with different agencies such as Interdisciplinary Institute for Research and Training (IIRT), Directorate of Industries and Commerce of the State government, multi-speciality hospitals within and outside the State, and star hotels for research, training, extension and internship programmes. Social Work students have block placements in organizations which lead on to placements. In the curriculum based final collection presentation of students of Fashion Technology, designers and representatives from industries are invited.

Institutional Contribution to Curriculum Development

The University started the Choice Based Credit and Semester System (CBCSS) for UG in 2009-2010 and Credit Semester System (CSS) for PG in 2012-13 as a major innovation. Above 80 percent of teachers from UG and PG departments participated in the Curriculum Design and Revision workshops. At present five teachers are members of the Board of Studies of Mahatma Gandhi University, and three of Kannur, Calicut and Avinashalingam Universities. From 2005 to 2009, we had sixteen teachers on the Board of Studies and three of our teachers are expert committee members of various curriculum boards. Seven teachers are members of examination boards of other universities within and outside the State. Teachers who have been members in the sub-committees for curriculum revision have prepared model question papers for the university. They have authored prescribed textbooks as well as handbooks and laboratory manuals to complement the curriculum.

The College has taken the initiative to start courses which are not offered in other institutions. Priority was given to the requirements of the industry, opportunities for research and chances for employment. For courses like BA in Communicative English, BA in Museology and Archaeology and Bachelor of Fashion Technology (BFT), the curriculum was designed and modified by our faculty. Our faculty prepared syllabi for all Add on courses, Enrichment modules as well as for Diploma in Fashion Designing, Diploma in Office Administration and Secretarial Practice, PG Diploma in Journalism and PGDCA offered by the Community College.

Since no post graduate course is available in the State for Fashion Technology and this discipline offers scope for research, we started MSc in Textiles and Fashion. When new courses are applied for, committees comprising Principal, Head of the Department, Course coordinator and faculty of the subject concerned, with the help of external experts/consultants, take the initiative to design the syllabus. Institutions which offer similar courses within/outside the state are visited for the purpose of setting up laboratories etc. For instance, a number of museums such as National Museum, New Delhi and Dutch Palace, Mattancherry were visited before establishing the

Assumption Heritage Museum; and laboratories and other infrastructure of NIFT, Bangalore were taken as models for starting Bachelor of Fashion Technology and Master's in Textiles and Fashion.

Institutional Measures to Analyze the Achievement of the Stated Objectives of the Curriculum

The effectiveness of the way curriculum implemented is analyzed through evaluation and feedback from stakeholders, including prospective employers in firms where on-the-job trainings are arranged for students. Feedback on internships and practical training such as excavation expeditions and field trips help to analyze students' progress. Value added ICT sessions are given to all students to ensure that they are able to keep up with the requirements of the curriculum. Placement records of previous batches are also evaluated to bring about necessary changes.

1.2 Academic Flexibility

The College offers 6 PG and 16 UG courses in the aided/ self financed streams and 1 PG programme which is a UGC sponsored Innovative Interdisciplinary Teaching and Research Programme. In addition to these, skill development short term courses and career oriented add on courses are also conducted. From 2009 to 2012, as Partner Institute under the convergence scheme of Indira Gandhi National Open University (IGNOU), UG, PG and Certificate courses were offered. The College was an Off-campus Centre of Mahatma Gandhi University till 2009.

Table 1.1 Details of Programmes offered

Type of Programme		**Number**	**Name of Programme**
Research Programme		1	Ph D in History
Aided Programme	**PG Programmes**	2	MA History, M Sc Physics
	UG Programmes	12	BA English, BA Malayalam, BA Economics, BA History, B Sc Mathematics, B Sc Computer Science, B Sc Physics, B Sc Chemistry, B Sc Botany, B Sc Zoology, B Sc Zoology (Model II Vocational Food Microbiology), B Sc Family and Community Science
UGC Sponsored Innovative Programme		1	M Sc in Textiles and Fashion

Self-financed Programmes	**PG Programmes**	4	MA English, M Sc Computer Science, M Sc Dietetics and Food Service Management (DFSM), Master's in Social Work
	UG Programmes	4	BA Communicative English, Bachelor of Fashion Technology, BA Museology and Archaeology, B Com with Computer Applications
Programmes Offered under IGNOU	**PG Programmes**	3	M.Com, MCA, MBA
	UG Programmes	3	B.Com, BCA, BBA
	Diploma Courses	3	Computer Literacy Programme, HIV& Family Education, Environmental Studies
	Certificate Course	1	Tourism Studies
Off Campus Courses	**UG Programmes**	4	B Com with Computer Applications, B Com with Taxation, BCA, BBA

Goals and Objectives of Certificate, Diploma and Skill Development Courses

With a view to empowering women students and providing them with knowledge and skills necessary for global competence, various skill development programmes were started in the last few years. Students are given soft skill training, personality development workshops and training in honing their talents and leadership traits through various clubs like music club, quiz club, debate club, oratory club, theatre club, nature club, red ribbon club etc and departmental associations.

The College is a **Partner Institute for the Additional Skill Acquisition Programme** of the State Government in training UG and PG students in communication skills and soft skills.

Table 1.2 Career Oriented Add on Courses of the UGC (2007-13)

Sl.No	Name of Course	Goal/Objective
	Add on Courses of UGC	
1	Mushroom Cultivation and Horticultural Practices (Certificate)	Entrepreneurship
2	Health, Yoga, Beauty Care (Certificate)	Entrepreneurship

3	Housing and Interior Design (Certificate)	Entrepreneurship, Employment, Home making
4	Interior Designing(Certificate)	Entrepreneurship, Home Making
5	Journalism and Mass Communication (Certificate, Diploma and Advanced Diploma)	Employment, Higher Studies
6	Tally (Certificate and Diploma)	Employment
7	Tourism Studies (Certificate, Diploma and Advanced Diploma)	Employment
8	Computer Based Mathematical Statistics(Certificate)	Training in Mathematical and Research Skills
UGC Sponsored Certificate Course		
1	Foundation Course in Human Rights	Empowerment

- ***Enrichment Modules Offered by the Different Departments***

Enrichment courses offered may be revised or changed each year depending upon student feedback and future prospects. Currently 18 modules are offered by the different departments. Following is a list of the modules offered from 2007-2013.

Table 1.3 Goals and objectives of Enrichment modules

Department	Course	Year	Goal/Objective
English	Language Improvement Programme	2007-10	Soft skills and communication skill development
	Certificate course in Communication Skills	2010-13	
Physics	Physics in Everyday life	2007-13	Skill development
Chemistry	Soap Manufacturing& Chemistry in Action	2007-13	Skill development, Women empowerment
	Driving school	2009-12	
	Chemistry in day to day life	2011-13	
Malayalam	Practice lessons in Public Speech	2009-11	Soft skill development
	Skill Development Programme in Handicraft	2012-13	Entrepreneurship

Home Science	Gift Wrapping	2007-08	Skill Development, Entrepreneurship
	Snack & Savoury Preparation	2008-09	
	Fabric Painting	2009-10	
	Floral Craft	2010-12	
	Hand Embroidery	2012-13	
Computer Science	MS-Office and PC Hardware/ MS-Office and Internet Technology	2007-13	Skill Development
Library	Book Binding	2012-13	Skill development, Employment
Zoology	Human Genetics and Reproductive Endocrinology	2007-09	Awareness
	Beauty Care	2009-13	Entrepreneurship
History	Epigraphical Studies,	2007-08	Awareness about Culture
	Tourism in Kerala	2007-09	Employment
Commerce	Basic Principles of Accounting	2007-08	Competitive Examinations, Employment
	Coaching for Entry into Bank Services	2008-10	
	Banking and Accounting	2010-13	
	Tax Practitioner Course	2012-13	
Fashion Technology	Indian Traditional Embroidery	2007-09	Skill Development and Entrepreneurship
	Textile Printing Techniques	2009-10	
	Fashion and Textile Ornamentation	2010-11	
	Jewellery making	2011-12	
	Ethnic wear Designing and Construction	2012-13	
Botany	Horticultural Practices	2007-08	Entrepreneurship
	Mushroom Cultivation	2008-10	
	Eco friendly Agricultural Practices- Biofertilizers and Biopesticides	2010-11	
	Technologies in Applied Botany	2011-12	
	Mushroom Cultivation & Horticultural Practices	2012-13	
Economics	Saree Designing	2007-08	Entrepreneurship
	Crochet Designing	2008-09	
	Glass Painting & Ceramic work	2009-10	
	Research Methodology	2010-11	Higher Studies
	Metal Embossing & Pot Designing	2011-12	Entrepreneurship
	Surface Embellishment	2012-13	

Mathematics	Practice Test series in Reasoning and Quantitative Aptitude	2007-13	Training for competitive examinations
Social Work	Certificate Course in Human Relations	2007-09	Awareness, Self defense/ Women empowerment
	Human Rights Education	2009-10	
	Counselling	2010-13	
	Karate	2012-13	
Physical Education	Aerobics	2007-09	Physical fitness

Archbishop Powathil Assumption Community College (APACC), a subsidiary institution of the College, focuses on imparting vocational training and providing entrepreneurial skills to the less privileged, drop outs and homemakers. The programmes are designed to develop personality and multi-skills, entrepreneurship and employability skills in people of all walks of life. The Community College offers courses under Continuing Education, Government of Kerala.

- ***PG Diploma Courses*** (Continuing Education)**: *2***

  Journalism, PGDCA

- ***Diploma Courses*** (Continuing Education) **: *2***

  Office Administration and Secretarial Practice, Fashion Designing

- ***Certificate: 3***

  Embroidery Work, Jewellery Making, Cutting and Stitching

- ***Micro Enterprise Development Programmes of NABARD: 4***

  Tailoring

  Short term Computer Training

  Training in Beauty Care

  Handbag Making &Fabric Painting

- ***Others***

  1. ***Courses of Keltron:*** Medical Transcription, English Grammar, MS Office, Communication Skill Development, Time management skills, Leadership skills, Job interview skills, Presentation skills, Essential soft skills
  2. ***Computer Courses:*** Computer Fundamentals, MS Office, Word, Excel, Powerpoint, Internet, MS Access, Tally, DTP, Basic Accountancy, Photoshop, ISM, PageMaker, C& C++ basic, C++ advanced, Java

3. ***Training Programmes:*** Mushroom cultivation and spawn production(Continuing Education)
4. ***Courses for School Children:*** Spoken English, Computer, English Grammar, Art and Craft, Embroidery and tailoring, Key board
5. ***Courses for homemakers:*** Cookery, Jewellery making, Embroidery, Stitching, Painting, Flower making, Bouquet arrangement

Self-financed Programmes- Admission, Curriculum, Fee Structure

The self-financed courses are regular full-time programmes. There is no difference in the curriculum of the aided and unaided programmes of the University. Through a formal selection procedure, the College appoints well qualified lecturers on contract basis, considering their credentials and experience. Pay scale of the faculty varies from Rs 8,000/- to Rs 18,000/- with yearly increment according to qualification, experience and the nature of the subject.

Table 1.4- Details of Self-financed programmes

Sl. No	Programme	Admission	Curriculum	Course Fee
1	MA English	Centralized Allotment Process(CAP), 50% merit, 50% management seats	Prescribed by University	38,000/-
2	M Sc Computer Science	CAP, 50% merit, 50% management seats	Prescribed by University	67,500/-
3	M Sc DFSM	CAP, 50% merit, 50% management seats	Prescribed by University	67,500/-
4	MSW	CAP, 50% merit, 50% management seats	Prescribed by University	58,000/-
5	**M Sc**Textiles & Fashion(UGC sponsored Innovative Programme)	CAP, 50% merit, 50% management seats	Prepared by College, Approved by UGC and University	1,20,000/-
6	BA Communicative English	CAP, 50% merit, 50% management seats	Approved by University	37,000/-
7	BA Museology and Archaeology	CAP, 50% merit, 50% management seats	Prepared by the College and approved by the University	32,500 /-

8	B Com with Computer Applications	CAP, 50% merit, 50% management seats	Prescribed by University	52,500/-
9	Bachelor of Fashion Technology	CAP, 50% merit, 50% management seats	Prepared by the College and approved by the University	1,80,000/-

Elective Options, Lateral and Vertical Mobility

In the current system, there is no provision to combine the conventional UG and distance mode courses. However, according to current stipulations of the University, the College is expected to choose an elective course for each UG programme. Colleges have the flexibility to change the elective courses at the beginning of the academic year. Students are free to opt for an open course of their choice out of the 17 courses the College offers. They can also take up projects of their choice as part of the programme. From among the range of choice based courses offered by the University, the College has chosen the open courses and electives considering students' skills development, academic mobility, progression to higher studies and improved potential for employability/entrepreneurship.

Table 1.5 – Details of elective Options/ Choice based courses

Sl. No	Name of UG programme	Complementary Courses	Open Course	Elective Course
1	**BA** English Language and Literature	Evolution of Literary movements, Political Science	English for Careers	Creative Writing
2	Communicative English (Triple Main)		English for Careers	Creative Writing
3	Economics	World History, Political Science	Fundamentals of Economics	Marketing Management
4	History	General Economics, Political Science	Environmental History in Indian Context	Archaeology in India
5	Museology and Archaeology	Sociology, Political Science	Gender Studies	History of Human Rights Movements in India
6	Malayalam	Folklore Studies, Drama and Cinema	Environment and Literature	Women's Writing in Malayalam

7	**B Sc** Mathematics	Statistics, Physics	Applicable Mathematics	Operations Research
8	Computer Science	Mathematics, Digital Electronics	Internet Web Designing and Cyber laws	Image Processing
9	Physics	Mathematics, Chemistry	Energy and Environmental Studies	Nanoscience and Nano technology
10	Chemistry	Mathematics, Physics	Environmental Chemistry	Environmental Chemistry
11	Botany	Chemistry, Zoology	Agribased Micro Enterprises	Agribusiness
12	Zoology	Chemistry, Botany	Human Genetics, Nutrition, Community Health & Sanitation	Nutrition, Community Health & Sanitation
13	Zoology Model II	Food Microbiology, Biochemistry	Human Genetics, Nutrition, Community Health & Sanitation	Nutrition, Community Health & Sanitation
14	Family and Community Science	Chemistry, Zoology	Nutrition for Wellness	Food Quality Assurance
15	Bachelor of Fashion Technology	Textiles, Apparel Merchandising	Fashion Psychology & Grooming	Computer Aided Pattern Making and Grading
16	**B Com**	Advertising & Sales Promotion, Principles of Business decisions	Fundamentals of Accounting	Computer Applications
17	Physical Education	-	Physical Health and Life Skill Education	-

Academic Flexibility Offered by the College

During the course of their study, students may undergo any of the career oriented Add on courses of the UGC, the interdisciplinary Enrichment modules offered by the various departments and skill oriented courses of the Community College.

There is a provision for students who shift to another college/ university within the State during the course of their programme to continue their studies without any break. Students who have completed their degree programmes with a pass in Common Courses (languages) need not repeat them if they take admission to another UG programme in the same University.Transcripts issued to students after completion of their programmes in the College, ensure weightage in their respective disciplines, when they continue their higher studies abroad.

Students are permitted readmission following sick leave, maternity leave etc. NRI students are permitted leave for purposes of visa renewal. Students who have Teacher Training Certificate (TTC) are allowed to take up employment as teachers in leave vacancies so that they may not forego their claim to future appointment. Those students who are awaiting results of supplementary exams at the plus 2 level can join diploma/ certificate courses at the Community College before gaining admission to the degree courses on merit basis.

1.3 Curriculum Enrichment

Institutional Initiatives

The College focuses on a thrust area each year related to its goals and objectives. The students are involved in activities organized in connection with the thrust areas. Since the curricula of all UG programmes include ICT modules, extra preparatory training for this is given to all students. To bridge the gap between the Higher Secondary syllabus and the UG programmes, the following departments offer Bridge Courses: English, Malayalam, Mathematics, Computer Science, Commerce, Fashion Technology and Economics. The Management has appointed a full time teacher in French to take classes during regular working hours for students who have taken French as additional language so that they do not have to go for classes outside the college. Classes in German language are also arranged for faculty and students of the Fashion Technology Department. To enhance language competency of students, training in communication skills is imparted to students on a regular basis. Coaching in mathematical skills and for competitive exams are offered and the Add on courses help students to improve their knowledge in their disciplines.

Open Courses are selected and Enrichment Modules are designed in such a way as to relate to students' experiences. Students are encouraged to take up projects that aim to enrich the curriculum and cater to the needs of the employment market. Seminars and assignments are allotted so as to enable students to go beyond the curriculum. Students are taken on field trips, industrial visits, and deputed for internships to prestigious firms and organizations. The Department of Human Resource Development imparts training in soft skills and allied areas to equip students to gain employment.

Integration of Cross cutting Issues into the Curriculum

The Open Courses opted by the College for the UG programme include Gender Studies, Environmental Chemistry, Energy and Environmental Studies, Environmental Economics and Environmental History in Indian Context, Internet, Web Designing and Cyber laws, Nutrition, Community Health and Sanitation, Physical Health and Life Skills Education. The Social Work Department runs a Foundation Course in Human Rights, sponsored by the UGC. Seminars on topics such as Environment Issues, Green Chemistry, Agri-based Micro Enterprises, Intellectual Property Rights, Gender Sensitization, Women Empowerment, Budget Evaluation etc are arranged to supplement the curriculum prescribed by the University.

Value added Programmes for Holistic Development

Weekly value education sessions are arranged to inculcate moral and ethical values in students. Value based talks are arranged frequently for all students. Annual retreats, camps, life guidance programmes, talks and competitions are organized by the Catholic Students Movement – an organization meant for the spiritual animation and holistic development of catholic students. In addition to these, special sessions are organized for inmates of the College hostels.

English language skills are imparted to students of all disciplines through short term courses and the Open Course in English for Careers. Courses in Applicable Mathematics and Business Ethics and many of the academic programmes conducted by the Community College are meant to provide students with better career options. There is a full time HR trainer and a Career and Placement Cell and language lab in the College to help students develop their soft skills and employability skills. The College is also a training partner for the State Government's **Additional Skill Acquisition Programme** which aims to impart communication skills and soft skill training to outgoing students to improve their chances of employment. Talks and presentations on cross cutting and ethical issues such as health and medical issues, waste management, importance of organ donation, dignity of human life etc are conducted for the whole college. Students take tuitions for children in a local orphanage and a nearby colony. The Certificate Course in Human Rights offered by the Social Work Department is aimed to inculcate community orientation in students. Courses conducted by APACC, especially for students and women of the locality, aim at community development.

Evaluation of Quality of Enrichment Programme

The Enrichment programmes are evaluated through feedback from students, faculty and parents. Value added programmes are offered on issues of contemporary relevance. There is a committee to monitor the attendance, conduct of classes and evaluation of the Enrichment modules of all departments.

1.4 Feedback System

Impact of Feedback on Introduction of New Programmes and Enrichment of Curriculum

The IQAC collects feedback from students and stakeholders regarding the curriculum. The results are communicated to the respective departments and teachers present the required modifications in the University's workshops on curriculum revision. Where changes are not implemented, the curriculum is internally supplemented through bridge courses and extra modules.

New academic programmes like MSc in Textiles and Fashion (MTF), additional Add on courses, teleclassroom and virtual lab facilities were started based on stakeholder feedback. MTF was started in 2012 based on need assessment as there is great demand for the PG programme which is not offered anywhere in the State. In keeping with the government policy of emphasis on skill development along with regular academic programmes, the College started enrichment programmes and Add on Courses of the UGC. The courses were selected in response to student feed back and requirement. One new Foundation Course under Human Rights Education Scheme of the UGC was also introduced in 2011-12 to create awareness on human rights and inculcate human values among the youth.

The open course of UG programme in Economics was changed in keeping with the request from students and current trends in the field. *Nanoscience and Nanotechnology* was opted as the elective paper of BSc Physics Programme since it is an emerging area for research. Open Course of UG programme in Commerce was changed from Business Ethics to Fundamentals of Accounting. The elective options for MSc and BSc Computer Science are changed according to latest technology tools. In view of the demand for UG and PG programmes in Commerce and Computer Science, the College introduced these courses under the off campus stream of the University. Following the winding up of this system in aided colleges, we introduced these courses under the convergence scheme of IGNOU. Subsequent to the change in policy regarding partner institutes, the College has applied for these programmes in the self-financing stream.

The effectiveness of the way curriculum is implemented is analyzed through evaluation and feedback from stakeholders, including prospective employers in firms where on-the-job trainings are arranged for students. Feedback on internships and practical training such as excavation expeditions and field trips help to analyze students' progress. Value added ICT sessions are given to all students to ensure that they are able to keep up with the requirements of the curriculum. Placement records of previous batches are also evaluated to bring about necessary changes.

The Principal and IQAC coordinator participated in the interactive session of stakeholders on "Restructuring of undergraduate education and the

scheme of cluster of colleges" organized by the University in 2007. In 2009-10 the University introduced the CBCSS system in the affiliated colleges with a major restructuring of curriculum at the UG level. Feedback on semesterisation, collected from students and faculty was analyzed by the Departments, IQAC and Staff Council and communicated to the University.

CRITERION II

TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

Admission - Publicity, Transparency, Criteria and Process

The College, which follows the regulations of Mahatma Gandhi University in receiving applications and publication of the merit list, publicizes the notification in regional dailies, the college website and notice board. It contains detailed information about the academic programmes offered, eligibility, admission process, etc. The prospectus of the College gives all the details about the programmes including fee structure and other aspects related to the admission process.

Table 2.1 Amount spent on advertisements in the last four years

Year	2008 - 09	2009-10	2010-11	2011-12
Amount in Rs.	43,750/-	42,676/-	1,76,219/-	1,40,560/-

Until 2011, prior to the introduction of Centralized Allotment Process (CAP) by the University, the College used specialized software for computerizing the admission process. There is a General Admission Committee as well as separate department committees to prepare the admission lists. Allocation of seats is as per University rules.

Table 2.2 Allocation of seats

Sl.No	Category	Percentage of Seats
1	Open Merit including Physically handicapped (3%) and sports (2 seats /programe in UG and 5% in PG)	50
2	SC/ ST	15/5
3	Community Merit	10
4	Management Quota	20

The merit list for admissions under management quota is prepared giving weightage to the social, economic and geographical profile of the applicants. For unaided programmes 50% of the seats come under open merit and 50% under management quota, which is filled in the same manner as for aided courses. Lists prepared according to the above norms are displayed on the College notice boards and uploaded on the College website.

From 2011 – 2012 onwards, admissions to the UG programme have been by CAP. The applications are received by the university through online registration. Selection and admission of applicants to the merit seats and SC/ST quotas are done wholly by the University. The other quotas are filled by the College as was done prior to CAP.

For the self-financing courses, Bachelor's in Fashion Technology, Master's in Textiles and Fashion and Master's in Social Work, the University conducts common entrance tests for admission to merit seats. For the 50% to be admitted under management quota, aptitude tests are conducted by the College. Students who qualify for admission are called for a personal interview with parent in the departments concerned and their talents and interests are recorded.

Scholars who have cleared the University's qualifying test are eligible for admission to Ph D programme in History.

From 2002-2009, the college was an Off Campus Centre of the University for BBA, BCA, BCom and MCA, with no restrictions in admission. The College functioned as a partner institute for full-time BBA, BCom, MCom, MBA and MCA courses offered by IGNOU from 2009-2012. For these, admissions were conducted according to the criteria of IGNOU.

The Community College which functions like an Open School, offers a number of vocational courses including those under the Continuing Education Programme of the State Government, Keltron and courses funded by NABARD with much more lenient admission criteria with the purpose of catering to the needs of different categories of women.

Marks at Entry Level

Since the number of applications received for most of the UG courses is quite high, the minimum percentage of marks for admission is higher than in the nearby colleges.

Table 2.3 Marks at entry level- comparison with other colleges

Programme	Year	Our College		College within the District	
		Max %	Min %	Max %	Min %
BA English Lit	2010-11	89.4	51.5	87.5	43.5
	2011-12	95.7	57.3	88.4	50.7
	2012-13	99	50.6	89	51
Communicative English	2010-11	82.4	55.7	NA	NA
	2011-12	90.6	54.7		
	2012-13	91.5	63.8		
Malayalam	2010-11	82	54.6	75	48
	2011-12	70	49	72	47
	2012-13	76	66	73	50
Economics	2010-11	87	54	92	61
	2011-12	92	53	78	46
	2012-13	88	53	80	45

History	2010-11	97.2	49.8	86	47
	2011-12	93.6	55.5	88	53
	2012-13	76.2	35	70	40
Museology & Archaeology	2010-11	87	55.5	NA	NA
	2011-12	87.2	55.4		
	2012-13	85.9	55.2		
Commerce	2010-11	89.2	74.8	83	55
	2011-12	93.4	84	87	59
	2012-13	94.2	84.2	94	55
B Sc Mathematics	2010-11	88	71	88	56
	2011-12	96	73	87	62
	2012-13	98	76	96	58
Computer Science	2010-11	98.4	83	85	70
	2011-12	95.4	85.5	88	78
	2012-13	93	85	89	80
Physics	2010-11	93	88.2	95.4	54.6
	2011-12	99.3	67	91	57
	2012-13	96.7	76.9	96.3	59.4
Chemistry	2010-11	94.5	76.6	80	49
	2011-12	93.7	81.7	85	59
	2012-13	96	83	89	55
Botany	2010-11	84	56	84	51
	2011-12	71	51	86	57
	2012-13	93	58	85	40
Zoology Model I	2010-11	86	63	81.7	56
	2011-12	79	69	93	52
	2012-13	82	75	93	50
Zoology Model II Vocational Food Microbiology	2010-11	83	50	NA	NA
	2011-12	80	60.8		
	2012-13	84	64		
Family and Community Science	2010-11	83	49	76	45
	2011-12	76	56	75	55
	2012-13	77	58	78	60
Fashion Technology	2010-11	88	52	80	50
	2011-12	90	65	86	60
	2012-13	80	60	78	59

PG History	2010-11	72	45	69	45
	2011-12	73	45	70	45
	2012-13	67.5	45	60	45
Physics	2010-11	83.7	57.6	84	56
	2011-12	83	61.4	84.7	57.3
	2012-13	90.7	73.8	88.5	62
Computer Science	2010-11	83	68	NA	NA
	2011-12	82	63		
	2012-13	87	60		
Dietetics and Food Service Management	2010-11	86	62	80	57
	2011-12	84	73	80	74
	2012-13	87	70	84	68
English	2010-11	68	46	65	43
	2011-12	78	52	68	45
	2012-13	87	52	70	45
Social Work	2010-11	67	48	60	47
	2011-12	77	51	70	48
	2012-13	80	51	76	51
Course started in 2012-13					
Textiles and Fashion	2012-13	80.9	72	NA	NA

Equity and Social Justice

Merit and reservation policy of the government ensures equity and social justice. The admission committees in the departments review the transparency and efficacy of the admission procedure. Weightage is given for NCC and NSS certificate holders, children of ex-service men and students who have proven records in cultural events. One seat is reserved in each course for applicants from Union Territory.

Table 2.4 Student Profile

Year	Total Students	SC/ ST	OBC	Lakshwadeep	Differently abled	Economically weaker sections	Minority Community
2008-09	1815	177	101	5	4	231	1199
2009-10	1920	164	101	10	4	367	1253
2010-11	1842	126	94	10	5	391	1273
2011-12	1862	130	91	11	9	439	1333
2012-13	1928	155	89	14	6	464	1356

Student Profile Reflecting National Commitment to Diversity and Inclusion

Student profiles are collected at the time of admissions. The data is categorized in the office and handed over to respective mentors. The format for recording profiles is revised according to necessity. Review of student profiles helps in understanding students' background and in collection of data regarding students in various categories. Admission policies are adopted by the Managing Board depending on year wise admission profiles. When a fall in student strength for UG courses is noticed for certain subjects, awareness campaigns are conducted in neighbouring schools and science departments conduct programmes for school students to attract them to the basic sciences. Minority communities are given preference for admissions in management quota to make up for the fall in their numbers in certain years. Fee concessions, book bank facility, free notebooks, dress allowance, free noon meals, freeships are provided to economically backward students. The College bus service was started to provide convenient transport for students from rural Kuttanad area. Meritorious sports women are also granted financial assistance. The Equal Opportunity Cell in the College ensures that scholarships and concessions are availed by deserving students.

Demand Ratio across the Programmes Offered

The demand ratio for admissions to the various courses is high compared to that in other colleges in the district. In the last few years the general trend observed is an increase in the number of enrolments for basic sciences.

Table 2.5 Demand Ratio

Programmes	Number of applications received				Number of students admitted				Demand Ratio			
	2012-13	2011-12	2010-11	2009-10	2012-13	2011-12	2010-11	2009-10	2012-13	2011-12	2010-11	2009-10
UG English Lit	CAP by the University (Single Window)		522	242	56	51	49	51	CAP	CAP	10.6	4.75
Comm English			115	58	35	39	28	37	"	"	4.10	1.57
Malayalam			26	47	31	31	25	33	"	"	1.04	1.42
Economics			323	149	72	66	51	63	"	"	6.33	2.37
History			115	137	67	74	52	57	"	"	2.2	2.4
Museology & Archaeology			10	18	14	17	7	10	"	"	1.4	1.8
Mathematics			410	432	59	60	53	58	"	"	7.7	7.4
Computer Science			59	118	31	30	28	24	"	"	2.1	4.9
Physics			484	196	45	48	41	58	"		11.8	3.38
Chemistry			193	111	46	50	51	50	"	"	3.78	2.22
Botany			276	68	52	51	42	51	"	"	6.5	1.3
Zoology Model I			35	83	40	29	30	39	"	"	1.17	2.13
Zoology Model II			18	18	16	14	11	7	"	"	1.63	2.57

Family & Community Science		33	28	31	19	16	25	"	"	2.06	1.12
Commerce		461	452	70	70	66	62	"	"	6.98	7.29
Fashion Technology	Common Admission Test of University			29	29	29	26	"	"	NA	
PG English	**CAP (Single Window)**		54	23	17	20	19	"	"	CAP	2.84
History			4	20	17	8	4	"	"	"	1
Physics			47	11	14	11	13	"	"	"	3.62
Computer Science			33	15	21	19	20	"	"	"	1.65
DFSM			20	12	9	7	17	"	"	"	1.18
Social Work	Common Test			21	18	7	14	"	"	"	NA
Textiles & Fashion	Course started in 2012-13	Common Test		7	-		5	-	-	-	1.4

2.2 Catering to Diverse Needs of Students

Addressing the Needs of the Differently Abled

Special attention is given to differently abled students in the Institution. A PTA meeting of physically challenged students is conducted in the beginning of the year to get an idea about their wards' difficulties and needs. Extra private coaching is given to blind and deaf students. Special chairs, tables and other infrastructure facilities are made available and UGC funds are procured for them. In relevant cases, reports and data are sent to the University. The University sanctions a scribe and grants extra time for these students during University examinations.

Assessment of Knowledge and Skills at Entry Level and Strategies Adopted to Bridge Knowledge Gap

For the newly admitted students, the College conducts a three-day orientation, called the Induction programme, before the commencement of the teaching programme.

The Induction programme, common to all disciplines, is a way to assess the skills and knowledge levels of the freshers. Freshers are familiarized with the campus facilities through activity oriented games. A database of the newly admitted students is collected by each department.

The science departments adopt special procedures like familiarization with scientific terms and laboratory equipments for filling the knowledge gap between students coming from different streams of Plus Two like CBSE, ICSE and State syllabus. To improve practical skills, demonstration classes are given to fill the gap. Additional time of half to one hour is allotted to such students in necessary cases.

Departments offering programmes requiring basic language skills, basic mathematical skills and technical knowledge conduct Bridge Courses for students who are new to the particular discipline. Bridge courses with

structured syllabuses are conducted by the departments of Fashion Technology, Commerce, English, History, Malayalam, Mathematics, and Computer Science. The departments of Social Work and Fashion Technology conduct special induction programmes for their students. Additional computer sessions have been made mandatory for all freshers as the restructured syllabus of all disciplines demand basic computer knowledge.

Sensitization of Staff and Students on Cross Cutting Issues

Social issues are discussed by students on a regular basis in their Open Forum. The staff association's *Dimensions* is a platform for teachers to share their views on contemporary issues as well as the inputs they receive through seminars and conferences. Important days related to Environment and Gender awareness, Health and Lifestyle are observed in the college under the initiative of the various departments and clubs. Wildlife Week and Ozone day are observed by the Nature Club by conducting a number of programmes like awareness campaigns and rallies. The College has made a documentary on environmental concerns and the Library stocks documentaries dealing with such issues. Staff and students have joined together to make the campus plastic free by collection of plastic carry bags and bottles for recycling. The Botany Department has a vermireactor for the production of vermicompost. The importance of energy conservation is conveyed to students through awareness campaigns and the annual quiz competition conducted by the State Electricity Board. The PTA took the initiative to procure MP fund for setting up a solar power plant in the campus. The fund has been sanctioned for the year 2013-14. All departments have voluntarily implemented different eco-projects within the campus. For gender sensitization, an Open course in Gender Studies has been opted for by the College and students spread awareness on gender issues through street plays etc. An Equal Opportunity Cell functioning in the College endeavors to internalize inclusive practices in the College and the MSW Department conducted an international seminar on *Inclusion* and a 30 day gender sensitization programme *Jagrithi* was conducted by the Department in 2012-2013 in view of the increasing incidence of crimes against women. *Kalalayajyothi*, an awareness programme on gender rights and helpline services for women was organized by the Chemistry department under direction from the UGC. Dr Prameela Devi, member of Vanitha Commission, led the session in which students from neighbouring schools also participated. Two workshops, on Promotion of Ethics and Human Values were conducted, with funding from the UGC.

Encouragement to Advanced Learners

The College identifies advanced learners by means of database of students, induction programme and tests at the beginning of the course. The first and second internal tests, both theory and practical, which are a part of continuous internal assessment, help in evaluating the caliber of the students.

The methods used by various departments for categorizing the students include group discussions whereby the analytical skills and group dynamics of the students can be evaluated, and seminars, where the students' presentation skills can be assessed. The writing skills of students are developed by conducting book and article reviews. Assignments, paper presentations, model classes by students, quiz competitions, monthly test papers, and debates are other strategies adopted for identifying advanced learners. The hostels which accommodate about 850 students have their own literary, cultural and extension/charity programmes for which the inmates take full responsibility.

Advanced learners are encouraged to undergo coaching for competitive examinations, involve themselves in diverse club activities, participate in seminars, workshops, and competitions within and outside the College, to be volunteers and organizers in the various programmes conducted in the College. They are given regular HR training and career orientation programmes. The HR Department conducted a training programme in public speaking, certified by Creek International, for advanced learners who gave public presentations of their oratorical skills. The **CORALS** programme (Core Group of Advanced Learners), with multi level selection and testing procedures, spread over three years, is meant to identify and explore the abilities of promising students to explore their potential to the maximum extent. Outstanding luminaries are felicitated and awarded in a public meeting. A gold medal, instituted by an alumna, is presented to the **Best Outgoing Allrounder**. University Rankholders are recognized by displaying their photographs on notice boards and banners in the campus.

Measures Adopted to Reduce Drop-out Rates of Students

Data regarding students' academic performance is collected through internal evaluation tests and output in the Remedial and Tutorial sessions. Students' overall performance is also monitored by the Head of the department, mentor, class teacher and hostel wardens (if applicable). Personal attention is given to students through academic counselling, individual meeting with parents and house visits by teachers. Slow learners are given remedial coaching and tutorial sessions to catch up with their peers. Soft copies of question banks are maintained in the electronic session to help students to prepare for examinations. Students from economically and socially backward sections are given free hostel accommodation and fee concessions in many cases.

Table 2.6 Number of Students who benefited from remedial coaching in the last five years

Year	2008-09	2009-10	2010-11	2011-12	2012-13
No of students	57	90	48	35	50

2.3 Teaching-Learning Process

Teaching, Learning and Evaluation Schedules

The teaching programmes are scheduled as per the University's academic calendar. IQAC and Staff Council chalk out the year's programmes including routine activities, intercollegiate events, seminars and internal evaluation schedules. An academic calendar is prepared and distributed to the students and teachers at the beginning of every academic year. Each department prepares its action plan for the year. The teachers also have work diaries which include entries such as curricular and extracurricular work done and monthly planners. An evaluation of the work diaries is done by the Heads of the Departments and forwarded to the Principal at the end of each term. Individual internal assessment register is maintained by each teacher to record the academic progress of the students on a continuous basis.

Contributions of the IQAC to Teaching–learning

The IQAC works towards enhancing the teaching – learning standards of the Institution. Every year, at the time of submitting the AQAR, an academic audit of the departments is conducted by the IQAC with regard to overall performance. In its annual conclave, the Cell puts forward suggestions for sustenance and improvement of quality. AMoCE (Academic Monitoring Cell for Excellence), a subsidiary wing of the IQAC, conducts a systematic annual student evaluation of teachers and the results are handed over to the teachers through the Principal and the heads of the Departments. Self appraisal of teachers was carried out under the initiative of the IQAC to enable teachers to identify their strengths and areas for improvement. The IQAC members visit reputed institutions to learn about best practices and also to familiarize themselves with new learning resources and infrastructure. The Cell takes the initiative to conduct orientations and workshops to enhance the personal and professional effectiveness of teachers. The introduction of suitable new academic programmes, work diary and internal assessment register of teachers, question bank CDs in the library and the structured process for selection of best outgoing students were some of the recommendations of the IQAC. The Cell collects and reviews the list of equipments and learning resources required by each department and proposes to the UGC/recommends to the management the purchase of the same. The IQAC is represented in the Planning Board which draws up the long term plans for college development. The IQAC motivates more teachers to avail of the FDP and to take up research projects. The Cell collects feedback on the College from students, alumni and PTA in an effort to keep up with the expectations of stakeholders.

Support Systems for Teachers to Promote Student-centric Learning

The needs of advanced learners and slow learners are addressed differently. Advanced learners are encouraged to help their weaker classmates. Group study is practiced outside class hours. UG students act as instructors

when they organize science camps and demonstration sessions for school students. Students take the lead to organize seminars, quiz programmes, speech and essay writing competitions and exhibitions which help to increase their knowledge and skills. The College provides facilities for student activities during weekends and holidays. They are encouraged to make maximum use of the library which is open beyond the working hours of the college. The electronic section offers free access to online sources. Students are prompted to utilize Open Educational Resources for their assignments, seminars and projects. They are also provided with virtual lab facilities. Students of many departments prepare manuscript magazines which promote their literary talents and creativity.

Infrastructural facilities are available for ICT based teaching – learning on a regular basis. The College also encourages departments to organize motivational sessions for students, availing the services of expert resource persons. The HR wing and individual departments conduct add-on courses and short term enrichment modules to impart and enhance the life skills of students. Computer courses make them eligible and fit for short term jobs. A Communication Skills programme is run on an ongoing basis to improve students' English – speaking skills. Students display their literary and artistic talents and newspaper cuttings on their department **wall magazines**. These are assessed once in a month by a committee and prizes are awarded for the best presentation.

Nurturing Critical Thinking, Creativity and Scientific Temper

Brain storming sessions and group discussions are made part of the learning process. The open forum provides a platform for students to think of and voice their opinions on current issues. Student projects/ department projects, Science exhibitions within and outside the campus and visits to research centres nurture a scientific temper in the students. The Students' Union, departmental associations, the various clubs, the College magazine, students' wall magazines, documentaries, campus bulletins and newspapers and campus /community surveys are chances for them to discover and hone their creativity. Students also get opportunities to interact with famous academicians who visit the college.

Table 2.7 Academicians who visited the college in the last few years

Sl.No	List of Academicians	Event & Year
1	Dr. George Thomas, Professor, IISER, Thiruvananthapuram. (The Bhatnagar Award winner)	Expert Lecture, Chemistry, 2007
2	Dr. Pinaki Chakroborthy, Public finance Expert, CDS, Thiruvananthapuram	Expert Lecture Economics,2007
3	Mr George Jacob, Museum Designer, Massachussets	Expert Lecture and interactive session, History, 2007

4	Prof. Dr. G.Daniel, Dean, Faculty of Science, M.S University, Baroda	Expert Lecture, Botany,2007
5	Prof. Dr. G.M.Nair, Director, TBGRI, Palode	Expert Lecture, Botany,2007
6	Prof G Karthikeyan, Gandhigram Rural University, Tamil Nadu	Expert Lecture, Social Work, 2007
7	Dr Xavier Alphonse, Member, UGC committee	Orientation Session, English, 2007
8	Prof. Sherimon P.C, Hi-Tech Engineering College, MUSCAT	Expert Lecture Comp Science,2008
9	Mr. Babu S. Thomas, Environmentalist, City University of New York	Expert Lecture, Physics 2008
10	Sri. M. L. Joshi, Scientist(Rtd), Sri. Thomas Kurian, Scientist(Rtd), K. T. Balakrishnan, Scientist(Rtd), K. K. Narayanan, Scientist(Rtd) from BARC, Bombay	Interactive Session, Physics, 2008
11	Dr. K.G. Padmakumar, Director, RARS. Kumarakam	Expert Lecture, Zoology 2008
12	Mrs. Maria Philipose Sinha, Fashion consultant from Mumbai	Expert Lecture, Fashion Technology 2009
13	Mr. Collins Deophil, Film Publicity Designer	Training, Fashion Technology, 2009
14	Dr.Mathew J Vetticatt, Dept of Biochemistry,Albert Einstein College of Medicine,Bronx, New York.	Expert Lecture, Chemistry, 2010
15	Dr. Imelda Joseph, Senior Scientist, CMFRI, Kochi	Expert Lecture, Botany,2010
16	Dr K Abraham Samuel, President, Tropical Institute of Ecological Sciences, Kottayam	Expert Lecture, Zoology, 2010
17	Prof. D. Anitta Rachel Christopher - HOD-Textile Testing & Quality Control- Nift-Tea Knit Wear Fashion Institute, Tirupur	Training Fashion Technology 2011
18	Dr. Judith Hollows, Formerly Asst. Professor at Mercedes Benz, UK and Professor, Macfast , Thiruvalla	Expert Lecture Economics,2011
19	Dr Francis Cherunilam, Director, School of Management, CUSAT	Expert Lecture Economics,2011
20	Mr. K J Sivajnanam, Vice Principal, NIFT-TEA Tirupur	Training Fashion Technology 2012
21	Mrs. Susan Paul, Dean & Professor,Galaxy group of Institutions, Ambala	Consultancy Fashion Technology 2012
22	Mr. Sunny Luke- International Institute for Scientific and Academic Collaboration, New Jersey, USA	Collaboration on publication of book Fashion Technology 2012
23	Rotary group Study Exchange Team, USA	Interactive Session, Economics, 2012

24	Dr K S Mathew, Director, Institute for Research in Social Sciences and Humanities	Expert Lecture, History, 2012
25	Dr.Oturan V M ,University of Paris East, Erudite Visiting Professor to M G University	Expert Lecture Chemistry 2012
26	Dr. Joshy V. Cherian, Managing Director of Omega Ecotech Products , Coimbatore	Expert Lecture, Chemistry 2012
27	Dr. Kuruvilla Joseph, Dept. of Chemistry, IIST,Trivandrum	RP at Inspire Science Camp 2012
28	Prof. Joseph Patrick, New York University of Technology, USA.	Expert Lecture Economics, 2012
29	Dr.S Kumarasan, Central University Hyderabad	Expert Lecture Mathematics, 2012
30	Dr.P.S Sreenivasan,Bharathidasan University,Trichy	Expert Lecture Mathematics 2012
31	Dr T Thrivikraman, Kannur University, Academic secretary, Kerala Mathematics Association	Expert Lecture, Mathematics, 2012
32	Dr Rajkumar Dare, Madras Christian College, Chennai	Expert Lecture, Mathematics, 2012
33	Dr V Lakshmana Gomathi Nayagam, NIT Trichy	Expert Lecture Mathematics, 2012
34	Dr.A Santhanam, IIT Kanpur	Expert Lecture Mathematics, 2012
35	Rev. Jose Antony, Director of VOZARD	Expert Lecture, MSW,2012
36	Rev. Fr. Joye James, Academician	Expert Lecture MSW,2012
37	Mr Louis Lobithas, Trainer	Workshop, MSW,2012
38	Mr S. Balaram, Scientist, SCT Institute of Medical Science, Thiruvananthapuram	Expert Lecture, Zoology,2012
39	Dr Jayanthan, IIT Chennai	Expert Lecture, Mathematics, 2012
40	Ms. Brigitte Koenig, Senior Experts Service, Germany	Visiting faculty, Fashion Technology 2013
41	Ms. Christiana , Senior Experts Service, Germany	Visiting faculty, Fashion Technology 2013
42	Prof. A Ramanathan, Professor, Department of Humanities and Social Sciences, IIT Bombay	Expert Lecture, Economics,2013
43	Dr.AM Mathai, Emeritus Professor, Mc Gill University Canada	RP at Inspire and Expert Lecture, Mathematics 2013
44	Dr Ramany Gopalakrishnan, Deputy Director, Coconut Development Board, Govt of India.	Expert Lecture, Botany,2013
45	Dr Aravind K J, Project Officer, MSME, Thiruvananthapuram	Expert Lecture, Zoology, 2013
46	Mr Safikh S, Coordinator, KSCSTE, Thiruvananthapuram	Expert Lecture, Zoology, 2013

Technologies and Facilities for Effective Teaching

Since every department is provided with computer, LCD, printer and Broadband internet connection, faculty and students have access to ICT at all times. The College and hostels have internet accessibility through NME-ICT also. Use of such facilities make students confident in the use of technology and encourage independent learning. Students also are required to conduct ICT presentations. Use of Internet resources is encouraged as part of academics. The College is a nodal centre of Amritha Virtual Lab, an initiative of Ministry of Human Resource Development under the National Mission on Education-ICT. Modern teaching aids like smart boards and digital visualizers are utilized in the College. Certain departments have specialized learning software.

Innovative Teaching Methods

Virtual labs offer simulation facilities before practical sessions. Faculty members develop e-resources in their respective disciplines for the website of the State Higher Education Council. The department of Fashion Technology has the innovative practice of sending students to different parts of the country to research and document ethnic crafts. Students make use of these craft-inspired elements into the garments they design for exhibition and fashion shows. This helps students to get an understanding of the little known indigenous crafts/ cultures of India while enhancing their creativity. The Home Science department has incorporated one month on-hands practical training in all aspects of Home Management (Cottage Stay within the campus) into the curriculum of the UG programme. The food fests organized by the DFSM students, quiz programmes, participatory learning activities etc are other innovative teaching-learning methods. The learning experience of UG students are enhanced through the training they impart to school students in the awareness programme- "*Experiencing Chemistry*"-organized by Chemistry Department. The Physics department organizes workshops in experimental Physics to improve students' practical skills. The feedback obtained as part of student evaluation of teachers is used to encourage faculty to adopt innovative approaches in teaching.

Practical experience, first hand knowledge gained through field trips and use of technology enable students to be proficient in their subject and acquire entrepreneurial skills necessary for presentation and application of what they have learned.

Exposure to Advanced Level of Knowledge and Skills for Students and Faculty

The faculty pursue higher studies and participate in refresher courses, seminars, workshops and conferences to update their knowledge and take up minor and major projects. Papers are presented in international, national and regional seminars. Each department subscribes to academic journals and a

substantial number of books are added to the library annually. Book exhibitions of reputed firms are organized in the campus every year. Journals available in the library, both print and electronic, enable faculty and students to update their knowledge. Students are encouraged to participate and present papers in seminars/workshops and competitions within and outside the College; they are also taken to science exhibitions conducted by premier institutions. They are taken on study tours, field trips and visits to research institutes as part of course work. All departments conduct intercollegiate events annually with a view to help students interact with experts and their peers in other institutions. Students are

Whenever possible the College hosts national and state level seminars/ competitions conducted by academic associations. Expert/alumni lectures and seminars are conducted on upcoming areas to familiarize faculty and students with new developments. Two experts in pattern making and textiles from Social Business Women, Germany, serve as visiting faculty in the Department of Fashion Technology.

Academic, Personal and Psycho-social Support and Guidance Services

The faculty take special care in the academic and personal development of every student. A mentoring programme is there, by which 20-30 students are allotted to a mentor. The College conducts orientation sessions for mentors to equip them to conduct mentoring sessions effectively. A special session is allotted every week for mentors to meet their wards in addition to the regular interactions. The faculty in charge of mentoring provides timely help to the students who face problems like poor academic performance, family problems, and relationship problems. Mentors refer students in need of further help to the Counseling Cell.

The College has a fulltime Counselling Cell with two professional counsellors. The students can approach counselors according to their needs. The guidance and counselling cell conducts a general orientation for all students on counselling facilities and encourages students to utilize their capabilities and creativity. The services of experienced and qualified retired teachers are also utilized, whereby students can freely approach them to talk about their problems and be referred to professional counselors when necessary. More than a thousand students benefited from the Counselling Cell in the last two years. It has helped many students to improve their academic performance and cope with their problems.

Library Resources to Augment Teaching-learning

The library is well stocked and new titles are added every year. Students are encouraged to refer available books and journals for their assignments and presentations. An electronic information section in the college library provides INFLIBNET and free internet connectivity and provides facilities for students to view documentaries and CDs of educational

value. Projects and dissertations require students to utilize the reference section. Question banks in electronic form are available for students' reference. Study material for coaching for competitive examinations is also stocked in the library.

Challenges in Completing the Curriculum and Institutional Approaches to Overcome them

Entrance tests and centralized allotment of seats by the affiliating university cause delay in completing the admission process and hence the colleges do not get the stipulated number of working days in a semester. This difficulty is also faced when working days are lost due to unforeseen circumstances such as natural calamities, bandhs and bus strikes. In the newly introduced semester system at the UG level the curriculum is quite advanced. At the entry level students have to be prepared with Bridge courses and introductory lectures because of the disparity in the students' knowledge level and complexity of the curriculum. All departments, therefore, resort to extra classes on Saturdays and holidays to complete the syllabus in time. Since all programmes have computer based courses, freshers are given a foundation course in computers. Use of ICT also helps to simplify teaching of complex topics.

Monitoring and Evaluation of Teaching-learning

The Academic Monitoring Cell for Excellence (AMoCE) conducts a confidential student evaluation of teachers. The filled-in questionnaires are scrutinized computationally and handed over to the Principal. The Principal passes these on to the individual teachers through the head of the department and gives necessary directions to the teachers. This evaluation helps teachers to understand their strengths and weaknesses and helps the Institution to maintain the quality of the academic programmes. Teachers' work diary and monthly planner are also checked by the heads of the departments and Principal.

The learning process is evaluated through internal tests, seminars, assignments viva voce and external examinations. Students of Fashion Technology make a public presentation of their research findings based on their craft documentation module. Students who have internship and OJTs are required to make formal presentations which are evaluated by teachers. Feedback is also collected from employers of firms where students undergo internship.

2.4 Teacher Quality

Details of Faculty Qualification and Strategies for Recruitment and Retention of Staff

Faculty members are selected following government and university norms. For regular courses, where substantive posts are sanctioned by the

government, qualified and competent faculty are appointed as and when required. The management makes it a point to take in meritorious candidates only. In the absence of specialized faculty for unaided courses, the management appoints guest faculty on contract basis. Qualified and efficient faculty are retained with higher pay and stage-wise salary hike. The College welcomes human resources from other institutions to ensure diversity in academic input. For instance, seventeen of the twenty one faculty members appointed in the last five years are from other premier institutions within and outside the State.

Table 2.8 Faculty Profile

Category	Highest qualification	Associate Professor		Assistant Professor		Total
		Male	Female	Male	Female	
Permanent faculty	PDF	-	-	-	1	1
	Ph.D.	-	13	-	06	19
	M.Phil.	-	16	1	10	27
	PG	-	06	-	18	24
	Total	-	35	1	35	71
Guest Faculty	Ph.D	2				
	M. Phil	4				
	NET	11				
	PG	34				
	Total	51				

Institutional Efforts to Meet the Demand for Qualified Faculty for New Programmes

When new areas of study are introduced teachers participate in workshops and training programmes to update their knowledge. At times such orientation programmes are arranged by the University and other institutions. Teachers also attend Refresher Courses related to their areas. Expert lectures in emerging areas are organized by all departments. As a result many of the faculty members have become proficient in handling specialized areas. Qualified faculty are appointed on contract basis and also invited on part time basis for certain modules in courses like BFT, BA Communicative English, BCom, DFSM, MSc Textiles & Fashion and MSW. Visiting faculty from Senior Expert Services, Germany are engaged for BFT programme. German language classes are arranged for the faculty and students of the department to facilitate exchange of ideas, and further our plans for student/ faculty exchange programme. For self-financed courses such as BFT, BCom with Computer Applications, retired and experienced senior faculty were appointed as visiting faculty and coordinators.

The College has a track record of producing excellent results with a number of ranks in the university examinations. The demand ratio for all courses is higher than that of most other colleges in the district (refer **Tables** 2.5, 2.13 and 2.14). With international visiting faculty in Fashion Technology, students have the advantage of international exposure that makes them globally competent.

Institutional Policies and Programmes to Enhance Teacher Quality

The Institution takes the initiative to arrange development programmes for the staff to enable them to keep up with the latest developments in their fields. Two international seminars and seven national seminars have been conducted by the different departments in addition to expert lectures and state level seminars/workshops. The Annual conference of the Museums Association of India was organized by the college in collaboration with the Association. The departments that celebrated their golden jubilee organized a number of programmes including seminars, lectures, exhibitions and intercollegiate competitions for students. *Dimensions*, a programme of the staff association is a platform for teachers to share the knowledge and expertise they have gained from programmes attended outside the college. The Management of the college encourages teachers to pursue part time/full time research, take up more research projects and attend various faculty development programmes like refresher courses, orientation courses, seminars, conferences, symposiums, workshops, etc. They are trained in the use of modern ICT aids to improve teaching methods and are given training in the College computer institute when revised syllabuses require updating of knowledge and skills.

Provision is made for faculty members to concentrate on their research work, produce publications and attend seminars/courses through internal work arrangement. Those who are pursuing research work on part time basis are exempted from extra duties. Salary for substitutes of teacher fellows is at times advanced by the Management to make up for any delay that may happen. Substitutes are also appointed by the Management when the government does not sanction appointments in such posts.

Table 2.9 Faculty nominated to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	29
HRD programmes	18
Orientation programmes	20
Staff training conducted by the university/ other institutions (subject related)	43
Staff training conducted by the university/ other institutions(general)	5

Table 2.10 Faculty training programmes organized by the institution

Sl.No	Purpose	Programmes	Year
1	Improve Teaching Learning methods / approaches	Innovative Teaching Methods by Dr. M R Kurup, Scientist, Mumbai	2007
		TCI Workshop for Effective Teaching -Learning	2012
2	Handling New Curriculum	Workshop on Curriculum Revision	2009
		Workshop on Experimental Physics	2011
		Workshop on Experimental Physics	2012
		Workshop on Research Methodology-Department of Physics	2012
		Workshop on Research Methodology - Department of Economics	2012
3	Content/Knowledge Management	Workshop on Working with SPSS	2011
		Workshop on Project Writing	2011
4	HRD	Value Education	2007 onwards
		Training for HR trainers	2008
		Motivational Talks (4 Programmes)	2008
		Human Resource Management Training Programme for HR trainers by Xavier Institute of Management Education	2009
		Neurolinguistics & Mind Dynamics	2009
		Educational Psychology	2009
		Counselling	2012
		Mind Mastery	2012
5	Selection, development and use of enrichment materials	Laboratory Manual in Chemistry	2008 onwards
		Handbook for Mushroom Cultivators	2009
		Handbook for Open Course 'Agribased microenterprises'	2011
		Laboratory Manual in Physics	2011
		Laboratory Manual in Physics	2012
		Handbook on experiments in various sciences	2012
		Recipe booklet on Special Diets	Annual
6	Assessment	Training Session in Grading System	2009, 2010
7	Quality related	IQAC Seminar	2008
		Talk - Quality in Higher Education – Dr. M.M. Mathew	2008
		Seminar on Excellence in Higher Education – Xavier Board	2010
		NAAC Accreditation Issues	2012
8	Cross cutting issues	Lectures on contemporary issues such as environmental problems, budget, legal issues, road safety, women empowerment, media etc., Women's Health Issues	2008
		Talk on Cyber Security	2011
9	Audio Visual Aids/ multimedia, various tools and technology for improved teaching-learning	Training in use of Smartboard, LCD and Digital Visualiser	2009-12

Table 2.11 Faculty as Resource Persons/ Paper Presenters/ Participants in Workshops/Seminars/Conferences conducted/ recognized by professional agencies

Department	Service as Resource person	Participated		Presented papers		Organized
		Inter national	National	Inter national	National	
English	5	6	14	-	7	1
Malayalam	3	2	17	1	6	-
Mathematics	1	2	17	1	3	2
Comp Sc	1	-	24	-	4	1
Physics	4	11	21	11	15	3
Chemistry	3	10	39	4	15	1
Botany	3	18	36	5	4	1
Zoology	3	7	29	1	1	1
Home Science	7	2	34	1	19	-
Fashion Tech	2	1	2	-	-	4
History	1	4	42	2	8	3
Economics	3	4	12	2	2	1
Commerce	-	10	7	-	2	1
Social Work	3	-	4	-	1	2
Total	**39**	**77**	**298**	**26**	**77**	**21**

Awards/Recognition for Excellence in Teaching

- Dr Sr Rosamma Mathew received **Siksha Bharati Award** for outstanding contributions to the excellence of Education in India in April 2007
- Dr Paulami Aich Mukherjee was selected as the sole **Cultural Ambassador of the Government of Portugal** in India (2007-17)
- Dr Paulami Aich Mukherjee is **visiting faculty** in the School of letters, **University of Coimbra, Portugal** (2007-17)
- Dr Paulami Aich Mukherjee, Department of History won **Best Lecturer Award** for three consecutive years from Asiatic Society, Kolkata, 2009, 2010 and 2011
- Dr Sr Mariamma Joseph, Principal, won the **Best Principal Award** (2013) from Catholic Federation of India

Evaluation of Faculty for Improvement of Teaching-learning

The Academic Monitoring Cell for Excellence (AMoCE) conducts a confidential student evaluation of teachers. This evaluation helps teachers to

understand their strengths and weaknesses and helps the Institution to maintain the quality of its academic programmes. Internal audit of the departments is conducted by the Principal and Manager. The IQAC takes the initiative to conduct internal evaluation of the departments for two consecutive years followed by an external evaluation in the third year. Based on these evaluations and the suggestions offered, all departments draw up their action plan for the following year and submit it to the Principal for approval. As a result of this, a number of new and innovative programmes have been implemented by all the departments.

2.5 Evaluation Process and Reforms

Stakeholder Awareness of Evaluation Processes

Since student evaluation is a regular and ongoing process the faculty are familiar with the methods. It is given in the college calendar and teachers' internal evaluation register. If changes are introduced, faculty and students are informed well in advance. Students and parents are briefed about the evaluation process at the time of admissions. Individual teachers give instructions on evaluation and a common orientation is given to students before the first university examination.

Evaluation Reforms by University and Institution

The University introduced the Choice Based Credit and Semester System (CBCSS) in 2009. Internal evaluation based on tests, assignments and seminars is mandatory. 25% weightage is devoted to internal assessment. The grading system was also introduced.

Committees have been formed at the college level for proper implementation of the CBCSS as well as conduct of internal tests. The committee members attend workshops and orientations on CBCSS conducted by the University. One of our teachers is a member of the University vigilance squad which monitors the conduct of university examinations in the affiliated colleges. The academic calendar of the University is strictly followed with regard to conduct of internal tests and dispatch of internal evaluation mark lists.

Examination committees for both external and internal evaluations oversee the conduct of examinations to ensure effective implementation. Internal exams are conducted for all classes on the same dates and there are cut – off dates for submission of mark lists. Students who score less than the required minimum in internal assessment may improve their grades by going through the assessment process once more. Those who are unable to appear for internal examinations due to genuine reasons are given a second chance.

Formative and Summative Evaluation Methods

Students are evaluated on a continuous basis through mandatory internal theory and practical examinations, class tests, assignments, ICT

enabled seminars and viva-voce. Based on their performance, remedial coaching and tutorial sessions are given to slow learners. Through additional hours, the syllabus is completed as early as possible so as to conduct revisions and extra coaching. Before the university examination model examinations are given to all classes. The marks obtained by students in the two internal examinations are consolidated and displayed on the notice board. Through this, students become aware of their performance levels and concentrate on areas that need improvement so that they can perform better in the university examinations.

Table 2.12 Expenditure for the conduct of internal examinations

Year	**2009-10**	**2010-11**	**2011-12**	**2012-13**
Expenditure	24,289/-	28,372/-	35,080/-	48,552/-

University Examination Results- Last Four Years

Table 2.13 University Ranks

Year		**UG**				**PG**			
		2008 – 09	**2009-10**	**2010 – 11**	**2011 – 12**	**2008 – 09**	**2009-10**	**2010 – 11**	**2011 – 12**
Rank	I	6	4	5	4 A+	1	1	1	1
	II	3	3	2		1	1	2	1
	III	3	2	4	53 A	-	-	-	1
	Total	**12**	**9**	**11**	**57**	**2**	**2**	**3**	**3**

Table 2.14 Programme-wise Analysis of Student Results

BA/ BSc								
Subject	**2008-09**		**2009-10**		**2010-11**		**2011-12**	
	Course Completed	**Pass %**	**Course Completed**	**Pass %**	**Course Completed**	**Pass %**	**Course Completed**	**Pass %**
Mathematics	36	93.9	65	95.4	58	87.9	44	93.2
Physics	25	68	52	90.4	45	82	46	89
Chemistry	34	94	27	77	42	90.4	37	94.6
Botany	21	90.5	29	75	21	77.7	35	72
Zoology	16	88.9	30	85.7	32	86.5	33	82.5
Family and Community Science	13	100	10	80	13	83	22	90
Food Micro biology	8	100	13	92.9	7	100	7	100
Computer Science	26	96	29	90	33	91	34	92

English Literature	49	68	43	96	45	100	52	100
Economics	48	91.7	65	89.2	52	92.3	53	97
History	69	88.6	56	78.3	55	83.9	67	88.2
Malayalam	28	100	31	100	28	100	31	98
Communicative English	27	68	26	96	30	100	33	100
B.Com	65	81.5	68	98.6	67	95.5	61	96.7
BFT	22	95.4	23	60.1	24	83	22	95
Museology and Archaeology	6	57.1	8	83.3	10	87.5	14	90

MA/ M Sc

Subject	**2008-09**		**2009-10**		**2010-11**		**2011-12**	
	Course Completed	**Pass %**	**Course Completed**	**Pass %**	**Course Completed**	**Pass %**	**Course Completed**	**Pass %**
Physics	14	78	12	70	13	77	11	73
English	8	50	10	50	19	94.7	20	55
History	6	50	4	75	10	70	14	71.4
DFSM	7	86	13	85	13	85	7	100
Computer Science	13	100	9	66	17	89	18	89
Social Work	16	75	17	94	13	84.6	8	37.5

Apart from the university ranks in the regular programmes we also had **I Ranks** in both **B Com and M Com** of IGNOU in **2012-13**.

Transparency in Evaluation and Mechanisms for Grievance Redressal

The criteria for assessment are percentage of attendance in class, assignments, seminars/viva voce, performance in practical sessions, and internal exams. The Internal exams are conducted as per the pre-published schedule.

At the end of the semester, the results of the internal evaluation are put up on the notice board before they are sent to the University and also uploaded in the college website so that parents can view them. After the internal exams, parents are asked to meet the teachers to discuss the progress of their wards. Internal assessments are compulsory and re-tests are permitted only in genuine cases. Attendance, class participation and punctuality in submitting assignments and projects are also given weightage in internal assessments.

Evaluation is done by all teachers for all courses to assess students' knowledge and skills. Students who have not achieved the learning objectives

are given extra attention through additional coaching and simplified study materials.

The College has provision for a three-level redressal of grievances of the students regarding evaluation. All teachers maintain personal registers designed by the Internal Assessment Committee to record the grades obtained by students in the internal assessments. When the results of the internal assessment are put on the notice board, students are free to approach the teacher in charge and if necessary, the Head of the Department. If the complaints are not resolved satisfactorily, they can bring their grievances before the Grievance Redressal Cell for clarifications. The University offers a provision for further discussion, if grievances are not solved at the college level.

2.6 Student Performance and Learning Outcomes

Strategies of the Institution to Achieve Intended Learning Outcomes

The College aims at enabling students to go on for higher studies or employment. Efforts are also made to equip students with skills that make them globally competent. These projected aims are stated in the mission statement of the college.

The needs of advanced learners and slow learners are addressed differently. Seminars, visits to research centres, lectures and alumni lecture series motivate students towards higher studies and research. Discussions in open forums sensitize students on current developments in their disciplines. All department associations conduct co-curricular activities to increase the knowledge and skill of students. The HR wing and individual departments conduct add-on courses and short term enrichment modules to impart and enhance life skills. Computer courses make them eligible and fit for short term jobs. Career orientation classes and exhibitions open up possible career choices, and placement drives provide opportunities for assessment of learning outcomes.

With a view to empowering women students and providing them with knowledge and skills necessary for global competence, Certificate courses, Add on Courses and Enrichment modules are offered along with regular UG and PG programmes. Open Courses opted by the departments are meant to introduce students into application/job oriented and emerging fields. Seminars on Research Methodology are conducted for PG students to encourage them in pursuing research.

Students are given soft skill training, personality development workshops and training in fostering their talents and leadership traits through various clubs and organizations. The College provides equal access to students from socially backward and economically weak sections of the community. They are given extra attention through remedial coaching and tutorial sessions. The Open NSS scheme helps to integrate personality

development and social commitment into the existing curriculum. Further, the Community College, a subsidiary institution of the College, focuses on imparting vocational training and providing entrepreneurial skills to regular students as well as to the less privileged, drop outs and homemakers. The Business Incubation Centre at the Community College trains and promotes potential women entrepreneurs, especially the alumni of the College. Extension activities like Community Nutrition programmes in neighbouring communities propagate healthy living. Minor projects focusing on women empowerment and society development have been taken up.

Monitoring, Analysis and Planning to Overcome Barriers in Achieving Learning Outcomes

At the time of admissions student database is collected and bridge courses are designed according to the needs of the students. The HR department categorizes students for the purpose of imparting training in soft skills.

Students are evaluated on the basis of internal tests, assignments, seminars, presentations and group discussions. Their performance in the external examinations and placement drives are also assessed. The fact that a majority of students proceed to higher studies/ research/ employment is a positive indication of learning outcomes. Students who need extra attention are given tutorial sessions and remedial classes. To help students face examinations with confidence, soft copies of question banks prepared by the departments are made available in the library. Students are encouraged to use ICT in their learning and presentations and participate in workshops /seminars in their respective disciplines.

Overall learning outcomes, both curricular and extracurricular are recorded through students' self appraisal in their Learning Journals, which are monitored by mentors.

Graduate Attributes of the College and their Attainment by the College

The mission statement of the College focuses on the distinctive feature of the Institution as a women's college committed to the overall development of society through educating women. The College is committed to ensuring empowerment of women by enabling them to be self reliant and attain global competence through necessary knowledge and skills. The College provides every opportunity to develop the organizational abilities of the students. Women, if encouraged to continue into higher levels of education and research, may ensure their participation in policy making and nation building. Majority of our graduate students go in for higher studies, while students who graduate from the new generation courses- BFT and BA Museology Archaeology - are placed without delay.

Since the College is a **minority institution** located in a semi-urban area, social development is attained through educating women students,

irrespective of their caste, creed, economic and social background. **Institutional Excellence Award** by All Kerala Catholic Congress, Archdiocese Committee, for the Meritorious Contributions in the **field of Higher Education** in Kerala

Value based education founded on Christian ideals seeks to instill moral uprightness and good citizenship qualities for the development of integrated personalities. Awareness and practice of sustainable development through eco friendly living has become an inevitable requirement for survival in the modern world and the College aims to inculcate these values in its students.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

Research Centre

The College has a University recognized research centre in History with approval to conduct course work as part of Ph D programme. Department of Science and Technology, Government of India, has sanctioned Rs 67 lakhs under the FIST-2012 program to facilitate teaching and research in science disciplines. Research centres in the neighbouring college under the same management are utilized by our teachers and students for their research projects.

College Research Promotion Council- Composition and Recommendations

A Research and Publication Promotion Council comprising five faculty members with research experience and aptitude was constituted in 2006 with the following objectives:

- Step up research activity in the departments and among faculty
- Co -ordinate the Faculty Development Programme of UGC within the college
- Publish interdisciplinary research journal
- Start more research oriented programmes

Table 3.1 Major recommendations of the Council and their outcome

Recommendation	Impact
To conduct seminars/conferences	Two international and seven national seminars were organized and two more have been sanctioned
To establish international and national collaborations	Effected collaborations with Adelphi University, New York; CUSAT; IGNOU; FIWE; NABARD; Kerala Folklore Academy; Kerala Chamber of Commerce; National Museum, New Delhi
Arrange workshops on research methodology	Number of workshops conducted: English-1, History-2, Economics-1, Physics-1 College level-1
To apply for more minor and major projects including interdisciplinary projects	Major projects undertaken- 5 Minor Projects-19

Promote Faculty Research Programme	FDP of UGC -Ph D-4, M Phil-2 Part time research Fellows- 18 M Phil acquired -3(part time)
To request funding from agencies other than UGC	Funds applied for and received from Dept of Science and Technology, Govt of India; Kerala State Council for Science, Technology, and Environment, Kerala State Higher Education Council; Rajiv Gandhi Chair, CUSAT; Coconut Development Board, Govt of India; Directorate of Industries and Commerce; Centre for Environment and Development
To apply for innovative research programme	M Sc in Textiles and Fashion was started in 2012

Institutional Measures to Facilitate Research

Since the management extends full support to teachers to acquire higher qualification and competence in their fields, a majority of the teachers who hold research degrees have attained them through FDP. During the post reaccreditation period, **seven** of our teachers acquired Ph D, **five** acquired MPhil and **four** have submitted theses for valuation. Of the newly appointed teachers, **five** have PhD and **one** has MPhil. Provisions are made by the management for appointing substitutes in vacancies where there are technical objections for payment by the Government. Seed money for publication of College Research Journal is also met by the management. As the College is affiliated to MG University, teachers have the provision to publish research papers in the university's interdisciplinary research journal. Leave, registration fee and travel expenses to attend seminars/ conferences are sanctioned from the College. The Principal Investigator has full autonomy in carrying out research projects and fund transferred into the Principal's account by the funding agency is disbursed to the researcher as soon as possible. The Management carries out required upgradation of infrastructure for new research projects taken up by faculty. For those pursuing part time research, the Institution offers support through work arrangement and exemption from extra curricular duties. Every year provision is made in the management fund for the conduct of national and international seminars and workshops, invited talks, publication of Research Journal, participation of teachers in conferences, running of Research Centre in History and setting up and maintenance of Heritage Museum. Timely auditing for submission of utilization certificates to funding agencies is a regular practice.

Efforts to Develop Research Culture among Staff and Students

Since student research projects are a part of UG and PG curriculum, laboratory facilities and books are available in the departments. The departments of Computer Science, Physics, Fashion Technology, Zoology and Home Science send students to external research centers; the Departments of Physics and History offer facilities for project work of PG students. Students are taken on visits to research centres and industries to motivate them into research. Student projects are at times funded by external agencies. Students of the departments of Physics, Zoology, Botany and Chemistry are involved in the faculty research projects. Paper presentation competitions are organized annually by the departments of Chemistry, Zoology, Botany, Home Science, Physics, Economics and English. Botany students conduct exhibition of rare local and endangered medicinal plants and label the trees in the campus for sensitizing students about the importance of conservation of plants. The department of Oriental Languages conducts symposia and paper presentations by faculty and students. The folklore clubs under the Departments of History and Malayalam involve students in research related to local heritage and folklore. Various Departments utilize students' research aptitude and practical skills in conducting exhibitions for local schools. Students of Museology and Archaeology take part in excavation programmes of the Kerala Council for Historical Research. The departments of Economics and Fashion Technology have internal research wings to take up, document and present their research.

Table 3.2 Details of Research guides registered at the Research Centre in History

Sl. No	Name of Guide	Centre of Research	Area of Research	No: of students
1	Dr. Sr. Rosamma Mathew Assumption College	Research Centre, PG Dept of History Assumption College	Women Studies	2
2	Dr. Sheela Irin Jayanthi J Assumption College	Research Centre, PG Dept of History Assumption College	Kerala History	2
3	Dr. Rosamma Mathew KE College, Mannanam	Research Centre, PG Dept of History Assumption College	History	1
4	Dr. Mathew T.M, KE College, Mannanam	Research Centre, PG Dept of History Assumption College	History	-
5	Dr.P.S.Pratheep, Catholicate College, Pathanamthitta	Research Centre, PG Dept of History Assumption College	History	-

6	Rev Dr James John St Thomas College, Pala	Research Centre, PG Dept of History Assumption College	History	-

Table 3.3 Faculty registered as research guides at other centres

Sl. No	Name of Guide	Centre of Research	Area of Research	No: of students
1	Dr I'ma Neerakkal Assumption College Changanacherry	Research Centre, PG Dept of Botany, SB College,Changanacherry	Botany	-
2	Dr Reethamma O V Assumption College Changanacherry	Research Centre, PG Dept of Zoology, SB College, Changanacherry	Zoology	-

Table 3.4 Teachers actively involved in research

Sl.No	Name of Teacher	Department	Sl No.	Name of Teacher	Department
1	Ms. Judith Sebastian	English	21	Ms Joselin Xavier	Physics
2	Ms. Theresa Thomas		22	Dr Sr Mariamma Joseph	Botany
3	Ms. Minu Mary Mathew		23	Dr Sr Marykutty Joseph	
4	Ms. Suma Cyriac	Malayalam	24	Ms Julie John	
5	Dr Sr Margaret Maria Jose		25	Sr Thresiamma Devasia	Computer Science
6	Ms. Jaisymol Augustine		26	Ms Mary Jaya V J	
7	Sr Jesseena Mathew				
8	Ms. Rinsy Thomas	Mathematics	27	Ms. Sherin Babu	
9	Ms. Ann Mary Philip		28	Ms Rosamma Jacob	Political Science
10	Dr Jikcey Issac		29	Ms Mariamma Jacob	
11	Ms. Rani Maria Thomas	Economics	30	Fr Thomas Parathara	History
12	Ms Anupa Leela George		31	Ms Whyni Gopi	

13	Ms Neethu Cyril	Chemistry	32	Dr Paulami Aich Mukherjee	
14	Ms Seena Sebastian		33	Ms Kamakshi V	
15	Ms Chinu Chacko		34	Ms Loona C	
16	Dr Marykutty C.V		35	Dr Binumol Abraham	
17	Dr Jissy Mathew		36	Ms Valsala Joseph	Zoology
18	Dr Sherin Thomas	Physics			
19	Dr Regimol C Cherian		37	Ms Anitha Jose	
20	Dr Marina Aloysius		38	Dr Sr. Philomenamma John	Home Science

Table 3.5 Details of Seminars/Workshops organized for capacity building in terms of research

Level	Title	Funding/Collaboration	Year
International	The Green Path to Sustainability: Prospects and Challenges	UGC, KSCSTE, Kerala Environmental Agency, Rajiv Gandhi Chair-CUSAT,	2010
	Inclusion: Understanding Children with Disabilities	Adelphi University, New York	2012
National	Reaccentuating Mental Health Perspectives in Social Work Practice	UGC	2008
	Role of Women in Emerging Indian Society	UGC	2009
	Archaeology and Museology: Prospects and Challenges	UGC	2010
	All India Museum Conference	Museum Association of India	2011
	Working with SPSS	UGC	2011
	Green Chemistry – the Ultimate Tool for Pollution Control	Management	2012
	Discrete Mathematics and its Applications	Management	2012

State	Workshop on Research Methodology in Science	State Higher Education Council	2012
	Workshop on Research Methodology in Social Science	State Higher Education Council	2012
	Workshop on Intellectual Property Rights	KSCSTE	2012
College Level	Workshops on Research Methodology- 1 in English and 2 in History	Management	2010-12

Table 3.6 Priority areas of research

Department	Prioritised Research Areas of the Institution
History	Women Studies and Local History
Physics	Material Science and Atmospheric Science
Botany	Developing hybridized varieties of coconut palms
Social Work	Research surveys on children, adolescent, youth and marginalised sections
English	Women's Writing
Home Science	Health & Nutrition
Fashion Technology	Traditional Arts & Crafts
Economics	Statistical Surveys on Solid Waste Management, Industrial Competitiveness

Opportunities for Interaction with Eminent Researchers

Conferences, workshops and expert lectures are organized by all departments so that faculty and students get an opportunity to interact with eminent researchers from reputed research centres. Sixteen teachers are members of various professional bodies in their respective discipline. As part of the INSPIRE Science Camp in 2012 eminent scientists and researchers were invited over to interact with students. The Annual Conference of the Museums Association of India was hosted by the College in 2011 in an effort to bring together academicians, researchers, and eminent persons in the field to benefit the faculty, students and local researchers.

Transfer of Research Findings to Students and Community

The Science departments of the College organized a state level INSPIRE Science Camp for school students in which 160 students from 20 different schools participated. The 5 day residential programme was funded by the Department of Science and Technology, Government of India, to motivate young minds towards research in the basic sciences.

The Botany Department conducts training in mushroom cultivation and provides mushroom spawn for growers. The department also provides training in organic farming and vermi composting. Sale of seedlings of medicinal plants and vegetables is also undertaken. The Home Science department brings out therapeutic recipe booklets and CDs/monographs on lifestyle diseases. The Zoology department practices apiculture and encourages students to practice bee keeping in their homes. Students of the Department of Fashion Technology design garments, drawing inspiration from their research in the indigenous crafts of India. These are exhibited in a fashion show and sometimes rented out to other institutions.

3.2. Resource Mobilization for Research

The Institution is keen to mobilize all available funds for research and allied activities. Grants from UGC, Management funds and from governmental agencies are channelized for research. Major achievements in this direction in 2012-13 have been the launching of a new Innovative Interdisciplinary Research Programme of the UGC (M Sc Textiles and Fashion), the DST sponsored project FIST- 2012 and the sanctioning of four major projects, in science and social science streams.

Table 3.7 Total budget earmarked for research and actual utilization

Year	2008-09	2009-10	2010-11	2011-12
Courses & Seminars	92,711/-	66,143/-	94,689/-	97,850/-
Substitute Salary	-	5,99,882/-	6,61,577/-	1,07,500/-
Organizing Seminar	77,791/-	24,500/-	3,72,713/-	1,14,044/-
Books and Journals	2,54,479/-	3,45,016/-	5,34,742/-	3,92,422/-
Craft Documentation & Final Collection	6,42,852/-	8,22,780/-	9,12,567/-	10,01,149/-
Total Expenditure	10,67,833/-	18,58,321/-	25,76,288/-	17,12,965/-
Budget Allocation	10,00,000/-	19,00,000/-	26,00,000/-	17,00,000/-
% utilized from Allocated Budget	106%	98%	99%	100%

Financial provisions to support student research projects

The College has set up infrastructure and learning facilities including project laboratories, software, computers and DTP facilities for students to carry out their project work. Faculty assists students to procure available funds for their research projects from external agencies. Two students of the Physics department received funding from DST and KSCSTE to carry out their projects. Financial assistance is provided through the College Welfare Fund for field trips connected to their research projects. Available UGC funds are also disbursed for the same.

Inter-disciplinary Research

The Folklore club attached to the department of Oriental Languages conducts research surveys on Kerala folklore and folk arts in collaboration with the History Department. Students of BA Communicative English, Chemistry and Physics conduct research on waste management and power consumption practices in the locality to sensitize the residents on eco-friendly practices. A UGC sponsored research project on waste management in Changanacherry was carried out by a faculty member in the Department of Economics and the findings were submitted to the Municipality.

Optimal Use of Equipment and Research Facilities of the Institution

The Research Centre in History and the Heritage Museum encourage students to pursue research in History and Museology. Research guides from other institutions are registered as supervisors at the Research Centre in the College. A well equipped computer centre provides broadband internet connection to help staff and students to access the net outside working hours and on holidays. The library gives free internet facility for students' research projects. Computers with internet facility in all departments, Wi-Fi facility, a well-stocked library, with national and international research journals and INFLIBNET, enable faculty and students to keep up to date in their respective fields. The library is open on holidays and during vacation. Through the proposed FIST sponsored instrumentation centre, the College aims to offer access to sophisticated equipments for researchers in the Science departments. Expensive research equipments are shared by different science departments according to need.

Special Grants from other Agencies for Developing Research

Every effort is made by the IQAC and Research Promotion Council to procure funds from external agencies to develop research activities and facilities.

Table 3.8 Research funding from external agencies in the last five years

Department	Funding agency	Purpose	Amount in Rs.
IQAC	UGC	To organize international seminar on *Green Path to Sustainability: Prospects and Challenges*	80,000/-
IQAC	KSCSTE		10,000/-
IQAC	Kerala Environmental Agency		50,000/-
College	Rajiv Gandhi Chair for Contemporary Studies, CUSAT	To publish proceedings of International Seminar	Publication sponsored
Science Departments	DST	To conduct INSPIRE science camp	9,00,000/-

Botany Department	UGC	To set up Mushroom spawn lab	60,000/-
PG Dept of Physics & other Science departments	DST	For the improvement of teaching & research facilities	67,00,000/- (sanctioned)
College	UGC	Basic Scientific Research	10,00,000/-
Zoology Department	KSCSTE	To conduct workshop on 'Intellectual Property Rights'	25,000/-
Physics Department	Indian Academy of Physics Teachers	To conduct workshop on Experimental Physics	30,000/-
Physics Department	Kerala Higher Education Council	To conduct workshop on Methodology of Science	25,000/-
Malayalam Department	IT Mission of Kerala	A workshop on Unicode training for *kalalayam* website	Sponsored by Govern mentt of Kerala
PG Dept of Physics, Home Science,& History	UGC	PG Development Grant	10,56,000/-
Home Science Department	UGC	For Innovative Research Programme – MSc Textiles & Fashion (2012-17)	53,00,000/-
History Department	UGC	For Innovative Research Programme-Museology & Archaeology(2005-10)	16,45,000/-
Botany Department	Centre for Environment and Development	National Environmental Awareness Campaign-series of 3 Programmes(2010-13)	32,000/-

Table 3.9 (a) Details of research projects and grants received during 2007-13

Nature of Project	**Minor**	**Major**	**Student Project**
Completed Projects	18	1	2
Ongoing Projects	1	4	-
Total Number of Projects	19	5	2
Total Amount in Rs.	**13,32,000/-**	**68,64,800/-**	**29,000/-**

Table 3.9 (b) Details of Minor Projects

Minor Projects					
Period	**Title of the Project**	**Name of Faculty**	**Total Grant in Rs**		**Name of the funding agency**
			Sanctioned	**Received**	
2005-07	Growth and other physiological aspects of Adhatoda vasica trees grown under different light regimes	Dr I'ma Neerakkal, Botany	20,000/-	20,000/-	KSCSTE
2005-07	Assessment of the Physico chemical characteristics and its impact on macrophytes of Alapuzha-Changanacherry canal, Kerala	Ms Mary Jayamol Antony, Botany	60,000/-	60,000/-	UGC
2007-08	Imaging/Imagining India: Construction of a nation and a culture in the selected works of Salman Rushdie	Ms Judith Sebastian, English	30,000/-	25,000/-	UGC
2007-09	Micro calcification using Image processing techniques	Ms Sara Mendez, Computer Science	90,000/-	87,000/-	UGC
2007-08	The Efficiency of solid waste management by the Government- A case study of Changanacherry municipality	Ms Anupa Leela George, Economics	70,000/-	67,000/-	UGC
2007-08	Studies on improved preservation techniques for increased shelf life of mushrooms	Dr Sr Mercy Nedumpuram, Botany	60,000/-	54,500/-	UGC
2009-10	Effectiveness of community policing in Pathanamthitta dist.	MSW Department	12,000/-	12,000/-	Adoor Police Station, Kerala

2009-10	Gamma Radiation sensor based on metal phthalocyanine thin films	Dr Regimol C Cherian, Physics	45,000/-	45,000/-	UGC
2009-10	Prevalence of anaemia and the impact of the intervention among selected higher secondary adolescent girls (16-18 yrs) of Changanacherry taluk of Kerala.	Dr Sr Philomenamma John, Home Science	1,00,000/-	1,00,000/-	UGC
2009-10	Studies on double networked natural rubber	Dr Marykutty C V, Chemistry	1,05,000/-	82,500/-	UGC
2009-11	Cellular revolution- its hazards and impacts	Ms Linz Tom, Computer Science	95,000/-	95,000/-	UGC
2009-11	Recovery of scattered data using Neural network approach	Ms Mary Jaya V J, Computer Science	1,00,000/-	1,00,000/-	UGC
2010-12	Single use confidence regions in multivariate calibration	Dr Jikcey Isaac, Statistics	1,20,000/-	95,000/-	UGC
2010-11	Green and Clean environment	Dr Sr Mariamma Joseph, Botany	8,000/-	8,000/-	CED
2010-11	Automatic early stage symptom detection of glaucoma using image processing techniques	Sr Thresiamma Devasia, Computer Science	1,15,000/-	97,500/-	UGC
2011-12	Forests for better life	Dr Sr Mariamma Joseph, Botany	10,000/-	10,000/-	CED
2012-13	A step to conserve biodiversity	Dr Sr Marykutty Joseph, Botany	12,000/-	12,000/-	CED
2012-13	Survey of elite mother plants of different coconut cultivars from root wilt prevalent areas	Dr. I'ma Neerakkal, Botany	1,25,000/-	1,25,000/-	Coconut Developme nt Board, Govt of India
2012-13	Histology and Histo-pathological studies on some teleost fishes	Dr Reethamma O V, Ms Valsala Joseph,Zoology	1,55,000/-	1,12,000/-	UGC

Table 3.9 (c) Details of Major and students' projects

Major Projects					
Period	**Title of the Project**	**Name of Faculty**	**Total Grant in Rs**		**Name of the funding agency**
			Sanctioned	**Received**	
2009 -12	Struggle for women's rights and liberation in Kerala from 1900-1947	Dr Sr Rosamma Mathew, History	8,76,200/-	8,76,200/-	UGC
2013-15	Hybridisation of elite mother palms of different coconut cultivars in the root wilt prevalent tracts for the production of quality planting materials for the disease hot spots of Kerala	Dr I'ma Neerakkal, Botany	8,68,800/-	4,68,400/-	UGC
2013-15	Rethinking the Past: A Local history of Changanacherry	Ms Whyni Gopi, Ms Kamakshy V, Ms Loona C, History	4,15,000/-	Awaited	UGC
2013-15	Synthesis, Characterisation and Magneto-dielectric properties of silicate based garnets	Dr Sherin Thomas, Dr Regimol C Cherian Ms Joli Joseph, Physics	12,05,800/-	8,16,800/-	UGC
2013-15	Large scale production of quality Planting material including hybrids for planting in root wilt prevalent areas	Dr I'ma Neerakkal, Sr Mariammma Joseph, Botany	35,00,000/-	Awaited	Coconut Development Board, Govt of India
	Students' Research Projects				
2009-10	Energy transport in the solar transition region	Vishnupriya, MSc Physics	9,000/-	9,000/-	KSCSTE
2011-13	Annealing effects on structural and optical properties of CdS nanoparticles	Preethy Maria Sabu, B Sc Physics	20,000/-	20,000/-	DST

3.3 Research Facilities

Research Facilities within the Campus

- Research Promotion Council
- Research Centre in History
- DST sponsored Instrumentation Centre for research and teaching(proposed)
- Well-equipped computer centre with 24 hour broadband internet connection, computers with internet facility in all departments
- Wi fi facility
- Research journals subscribed by departments
- Central library with national and international research journals, Archives, INFLIBNET
- Project labs attached to the departments of Physics, Botany and Zoology
- Heritage Museum
- Collaboration with Folklore Academy
- Fashion – craft documentation centre
- Assumption Herbal Garden

Institutional Strategies for Planning, Upgrading and Creating Infrastructural Facilities in New Areas of Research

The Research Promotion Council presents before the management the infrastructure requirements for research in various disciplines. The management is prompt in upgrading research facilities attached to the departments whenever new projects are taken up by the faculty.

Following the suggestions of the Peer Team at the last accreditation, research facilities were enhanced in the last few years.

Research facilities created during the last four years

- Starting of Research Centre in History
- Setting up of Heritage Museum
- New research project laboratories were set up in the departments of Physics, Home Science, Fashion Technology and Zoology in addition to upgradation of textile laboratory attached to Fashion Technology department
- New additions to books and journals
- Upgradation of and additions to computer hardware and software
- Instrumentation Room

Arrangements are made for M Sc students to carry out their projects and B Sc students to undergo their OJT, in research laboratories, institutions and university research departments.

Table 3.10 (a) Research Equipments added during the last five years

Sl No	Research Facilities	Quantity	Amount in Rs
1.	Lap tops	7	3, 20,526/-
2.	Computer	8	1,67,000/-
3.	Radical Microstome Model RMT 20	1	17,850/-
4.	Labomed Binocular Microscope, Vision 2000	2	25,991/-
5.	Eyepiece Camera	1	21,000/-
6.	Double distillation unit	1	20,100/-
7.	Magnetic Stirrer	1	5,062/-
8.	Laminar air flow vertical with pressure manometer	1	52,822/-
9.	PH meter	1	14,337/-
10.	Agate mortar and pestle	2	3,985/-
11.	High temperature furnace	1	1,48,678/-
12.	Electronic balance	2	1,15,000/-
13.	Microscope (MLM complete set)	1	47,826/-
14.	Dip coating unit	1	37,166/-
Total		**30**	**9,97,343/-**

Table 3.10 (b) Equipments to be purchased for proposed Instrumentation Centre

Sl. No.	Item	Quantity	Amount in Rs.
1	Electronic Analytical balance Capacity-220 g, readability-0.0001 g	1	75,000/-
2	KBr Press & accessories	1	46,400/-
3	Programmable tubular vacuum furnace (Max temp- 1400^{o}C)	1	2,50,000/-
4	LCR Hi-Tester	1	3,59,400/-
5	UV- VIS Spectrophotometer	1	3,65,000/-
6	Computer & printer for the above	1	28,150/-

7	Programmable Spin Coating System (Spin NXG-P1)	1	1,68,440/-
8	Sun Photometer	1	7,16,210/-
Total		**8**	**20,08,600/-**

Library/ information facilities specifically for researchers

The General library and Departmental library are utilized by researchers and interlibrary loans are arranged. INFLIBNET facilities, an electronic section and 135 international /national journals are available in the library.

3.4 Research Publications and Awards

Research Contributions for Social Development

Many of the major/minor research projects of the faculty and the student projects in many departments are community oriented, with a focus on social development. Surveys and studies are undertaken with a view to collect data for policy changes for improved delivery of service by governmental and non governmental agencies. Some of the projects are oriented towards product improvement and sustainable development.

Table 3.11 Research studies/ surveys for community benefit/product improvement

Sl. No	Research studies/ Surveys	Year	Social benefit
1.	Assessment of the Physico chemical characteristics and its impact on Macrophytes of Alapuzha- Changanacherry canal, Kerala	2007-08	Evaluation of the degree of pollution
2.	Unemployment Problems in Changanacherry Municipality (Survey)	2008-09	Awareness creation/ Suggestions for policy initiatives
3.	Improved Preservation techniques for increased shelf life of Mushrooms	2008-09	Product Improvement
4.	Study on antimicrobial Properties of wild mushrooms of Western Ghats of Kerala	2008-09	Development of new antibiotics
5.	Problems of Old Age (A case Study)	2009-10	Societal awareness, Suggestions for policy initiatives
6.	Influence of mobile Phones on students and drivers	2009-10	Awareness creation
7.	Impact of media (A Case study of Pulincunnu GramaPanchayat)	2009-10	Social sensitisation

8.	Impact of modern technology on agricultural development (Study of KainakaryPanchayat)	2009-10	Agricultural Productivity improvement
9.	Electricity consumption in Madappally Panchayat	2009-10	Awareness on Energy conservation
10.	Study on self help groups in Champakulam Panchayat	2009-10	Women Empowerment
11.	Waste management in Changanacherry Municipality	2009-10	Environmental awareness/Sustainable development
12.	Study on water pollution in Champakulam Panchayat	2009-10	Environmental awareness/Sustainable development
13.	A study on self employment in Madappally Panchayat	2009-10	Entrepreneurship Development
14.	A Study on Computer illiteracy in Paipad Gramapanchayat	2009-10	Need for ICT learning
15.	Efficiency of solid waste management by Government: A study of Chanaganacherry Municipality	2009-10	Sustainable development
16.	Prevalence of anaemia and impact of the intervention among selected higher secondary adolescent girls	2009-10	Community awareness
17.	Increase in suicide rates	2010-11	Social sensitisation
18.	Factors leading to divorce	2010-11	Social sensitisation
19.	Lack of morality in youth	2010-11	Value education
20.	Low academic performance of adolescents	2010-11	Awareness on the bottlenecks to academic performance
21.	Problems of orphans	2010-11	Social sensitisation
22.	Problems and prospects of educational loans	2010-11	Access to education
23.	Economic development through Kudumbasree in Mithrakkary Panchayat	2010-11	Women empowerment and entrepreneurship development
24.	Food adulteration	2010-11	Social awareness
25.	Mosquito problems and solutions	2010-11	Awareness creation
26.	Pan masala addiction in students	2010-11	Awareness creation

27.	Influence of quality of road construction and accidents	2010-11	Policy initiatives for infrastructure development
28.	Cancer in women- Study of Bharat Hospital in Kottayam	2010-11	Awareness creation on Life style diseases
29.	Automatic early stage symptom detection of Glaucoma using image processing techniques and Micro calcification using image processing techniques	2010-11	Medical advancement
30.	Hybridization of elite mother palms of different coconut cultivars	2012-13	Production of quality planting materials for the disease hot spots of Kerala
31.	Project on local history of Changanacherry	2012-14	Cultural awareness

Institutional Research Publications

The College publishes an interdisciplinary research journal – *Journal of Experimental and Theoretical Research*. The Principal is the Managing Editor, the Consultant Editors are eminent academicians from various disciplines and the editorial board comprises faculty members of the Research Promotion Council of the College. It is brought out on a yearly basis. In connection with the international seminar '*Green Path to Sustainability*' organized in the College in 2010, the papers presented were published in book form with ISBN: 978-81-907269-9-3, in collaboration with the Rajiv Gandhi Chair for Contemporary Studies, Cochin University of Science and Technology.

Publications by faculty

More than forty faculty members are actively involved in research and have produced a number of international and national publications.

Table 3.12 Details of publications

No of papers Published in Refereed Journals		**No of papers published in Proceedings**		**No of articles in Books/ Magazines**	**No of books authored/ Co-authored by the faculty**	**No of books Edited by the faculty**
Inter national	**National**	**Inter national**	**National**			
39	30	16	33	18	7	10

❖ **Publications in International Journals**

1. **Jikcey Issac**, "Single Use Conservative Confidence Regions in Multivariate Controlled Calibration", Journal of Statistical Planning and Inference,137(4)1226-1235(2007)

2. **Regimol C Cherian** and C. S Menon, "Effect of annealing and Gamma irradiation on Tin Phthalocyanine (SnPc) thin films", Materials Science-Poland, 25(3), 649-655(2007) **[IF: 0.389]**

3. L. A. Khalam, **Sherin Thomas** and M. T. Sebastian, "Temperature-stable and low-loss dielectrics in the $Ca(B'_{1/2}Ta_{1/2})O_3$ [B′ = lanthanides, Y, and In] system", J. Am. Ceram. Soc., 90, 2476-2483 (2007) **[IF: 2.169; SNIP: 1.75; SJR: 0.179]**

4. L. A. Khalam, **Sherin Thomas** and M. T. Sebastian, "Tailoring the microwave dielectric properties of $MgNb_2O_6$ and $Mg_4Nb_2O_9$ ceramics", Int. J. Appl. Ceram. Tech., 4, 359-366 (2007) **[IF: 1.28; SNIP: 0.86; SJR: 0.08]**

5. **Marykutty C.V**, G Mathew, Sabu Thomas, "Mechanical and swelling behavior of double networked natural rubber cured using a new binary accelerator system" Rubber Chemistry and Tech.,80, 809 -819, (2007**) [h index: 36]**

6. U K Aravind, **Jissy Mathew,** C T Aravindakumar "Transport Studies of BSA, Iysozyme and Ovalbumin through CHI/PSS multilayer membrane", J. Membrane Scie.,299,146-155 (2007) [**IF:3.6; h index:109]**

7. **Regimol C Cherian** and C. S Menon "Optical and Structural Characterizations of Tin Phthalocyanine thin films", AIP Conf. Proc, 1004, 213-218(2008)

8. **Regimol C Cherian** and C. S Menon "Preparation and Characterization of thermally evaporated titanium phthalocyanine dichloride thin films", J. Phys. Chem. Solids, 69, 2858-2863(2008) **[IF: 1.381; SNIP: 0.883; SJR: 0.104]**

9. **Marina Aloysius**, M. Mohan, S.S. Babu, V.S. Nair, K. Parameswaran, and K.K. Moorthy, "Influence of circulation parameters on the AOD variations over the Bay of Bengal during ICARB", Journal of Earth System Science, 117, S1, 353 – 360 (2008) **[IF: 1.055]**

10. **Marina Aloysius,** M. Mohan, K. Parameswaran, S.K. George, and P.R. Nair), "Aerosol transport over the Gangetic basin during ISRO-GBP Land Campaign-II", Annales Geophysicae, 26, 431- 440 (2008) **[IF: 1.620; SNIP: 1.196; SJR: 0.087]**

11. **Sherin Thomas** and M. T. Sebastian, "Effect of B_2O_3-Bi_2O_3-SiO_2-ZnO glass on the sintering and microwave dielectric properties of $0.83ZnAl_2O_4$-$0.17TiO_2$", Mater. Res. Bull., 43, 843-851 (2008) **[IF: 2.145]**

12. **Sherin Thomas**, V. N. Deepu, P. Mohanan and M. T. Sebastian, "Effect of filler content on the dielectric properties of PTFE/$ZnAl_2O_4$-TiO_2 composites", J. Am. Ceram. Soc., 91, 1971-1975 (2008) **[IF: 2.169; SNIP: 1.75; SJR: 0.179]**

13. P. S. Anjana, **Sherin Thomas**, M. T. Sebastian and J. James, "Synthetic Minerals for Electronic Applications", Earth Science India, 1 [1], 36-52 (2008)

14. **Marykutty C.V**, E J Mathew, S Thomas, "Studies on a New Binary Acceleratory system in Sulfur Vulcanization of Natural Rubber", Kautschuk GummiKunststoffe, 7, 383-389, (2008) **[IF:0.34; h index :18]**

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31. Shaji P Thomas, E J Mathew, **C V Marykutty**, Synergic effect of N-benzylimine aminothioformamide secondary accelerator during sulfur vulcanization of a styrene-butadiene-natural rubber blend. Journal of Applied Polymer Science,121(4) 2257-2263 (2011) **[IF:1.24, h index:90]**
32. Lii-Cherng Leu, **Sherin Thomas**, Mailadil Thomas Sebastian and Rick Ubic, "Crystal Structure of Apatite Type Rare-Earth Silicate $(Sr_2RE_2)(RE_6)(SiO_4)_6O_2$ (RE=La, Pr, Tb, Tm and Y)", J. Am. Ceram. Soc., 94[8], 2625-2632 (2011) **[IF: 2.169; SNIP: 1.75; SJR: 0.179]**
33. Shaji P Thomas, E J Mathew, **C V Marykutty**, " Nanomodified fillers in chloroprene-rubber-compatibilized natural rubber/acrylonitrile-butadiene rubber blends". Journal of Applied Polymer Science, 1097-4628 (2011) **[IF:1.24, h index:90]**
34. **John Julie** and Thoppil John Ernest "Evaluation of Antioxidant Potential of Rhizome Extracts of Two Species of Alpinia Roxb (Zingiberaceae)" Int. Research J. Pharmacy 3 (4), ISSN 2230 – 8407(2012)
35. S. S. Prijith, **Marina Aloysius**, Mannil Mohan, Naseema Beegum, K. Krishna Moorthy," Role of circulation parameters in long range aerosol transport: Evidence from Winter-ICARB", Journal of Atmospheric and Solar Terrestrial Physics, 77, 144 – 151 (2012). **[IF: 1.579]**
36. Shaji P Thomas, E J Mathew, **C V Marykutty**, "Synthesis and effect of surface modified nano ZnO in natural rubber vulcanization". Journal of Applied Polymer Science 124(4), 3099-3107 (2012) **[IF:1.24, h index:90]**
37. **Jissy Mathew,** S. Sreedhanya, M. S. Baburaj, C. T.Aravindakumar, U.K. Aravind, " Fabrication of switchable protein resistant and adhesive multilayer membranes". Colloids and Surfaces B: Biointerfaces. 94, 118-124 (2012) **[IF: 2.78, h index:55]**
38. **Rani Maria Thomas**, K. Narayanan and A. Ramanathan. "A Comparative Study of Technology and Industry Clusters of SMEs in India", Science Technology & Society ,17 409-430, doi:10.1177/ 097172181201700304, (2012) [**IF: 0.500]**
39. **Judith Sebastian**, "From Englishness to Indianess: The Migrant Experience in Salman Rushdie's The Satanic Verses", Labyrinth. 3(3) (2012)

❖ **Publications in National Journals**

Sl. No	Name of Faculty	Title of the paper	Name of Journal
1	Dr I'ma Neerakkal Botany	Shade adaptation of Plumbago rosea Linn: Growth changes at different levels of shade in the subhumid tropics.	*SB Academic Review* (ISSN 0974-7464) Vol. 14(1), 2007
2	Dr Sr Philomenamma John Home Science	BMI :An indicator of nutritional status among adult Mannan tribes of Idukki dist of Kerala	*SB Academic Review*, (ISSN 0973-7464) Vol.15 (1&2), 2008
3	Dr. Sr Rosamma Mathew, History	Female Education in the Princely States of Travancore and the Protestant missionaries	*J. Institute for Research in Social Sciences and Humanities* Vol.4 (2), 2009
4	Ms. Judith Sebastian English	Is Feminism On The Run/Ruin: Construction Of The Female in Rushdie's Midnight's Children And Shalimar The Clown	*Littcrit,* Vol. 35 (1& 2), 2009
5	Dr Poulami Aich Mukherjee, History	India and Portugal: A Cultural Encounter (1498-2008)	*Jadavpur Journal of International Relations*, Vol. 13, 2009
6	Dr Sr Philomenamma John Home Science	Dietary Practices and nutritional status of Urali tribes of Kottayam district of Kerala	*Research Lines* (ISSN 0975-8941) Vol.2 (1), 2009
7	Dr Sr Marykutty Joseph, Botany	Phenolic antimicrobial compound from the submerged culture of a Basidiomycete, *Leucocoprinus bresadolae*	*J Experimental & Theortical Research,* Vol.1(1), 2009
8	Ms Judith Sebastian English	Revisiting The Home Turf: The Parsi Ambience in Rohinton Mistry's Novels	*Labyrinth,* Vol. 1 (2), 2010
9	Dr Poulami Aich Mukherjee, History	*Agaj Puthi Mahabat Nama*: Regional Perspective	*Annual Journal of Cultural Text and Records*, Vol. 3, 2010
10	Dr Poulami Aich Mukherjee, History	India in Portuguese Literature (1826-1926)	*Journal of the Institute of Historical Studies*, Vol. 17, 2010

11	Dr Marykutty C V Chemistry	Studies on anisotropic behavior of double networked natural rubber	*SB Academic Review* (ISSN:0973-7464) Vol.17(1&2), 2010
12	Ms Judith Sebastian English	From Novel to Fiction: India Slum dogged.	*English Activities Update* Vol. 1(2), 2010
13	Ms P Shijamol Home Science	Assessment of Nutritional Status of Athelets in Colleges	*Star Research*, Vol.2(3),2010
14	Ms Judith Sebastian English	Rohinton Mistry's *Tales from Firozsha Baag:* An Expression of Exclusivism	*SB Academic Review*. (ISSN:0973-7464) Vol.17, 2010
15	Ms Sherin Mathichiparampil English	Voice from The Edge: The Politics of the Representation of the Subaltern in Adiga's *The White Tiger*	*S.B AcademicReview* (ISSN:0973-7464) Vol. 17, 2010
16	Ms Sonia Sebastian English	"Reading Green: Decentering Nature"	*S.B Academic Review* (ISSN: 0973-7464) Vol. 17, 2010
17	Ms Sherlin Mathichiparampil English	The Aesthetics of Popular Fiction in Shobhaa De's *Socialite Evenings*	*S.B Academic Review* (ISSN: 0973-7464) Vol. 17, 2010
18	Dr Sr Philomenamma John Home Science	Prevalance of life style diseases among selected obese adult women(30-60yrs) of Peringara panchayat of Pathanamthitta Dist	*Star Research Reach* (ISSN 0975-5101) Vol. 1(2), 2010
19	Dr Sr Philomenamma John Home Science	Nutritional status based on BMI and prevalence of anaemia among adult Mannan tribes of Idukki District	*Research Highlights*, Vol. 20(1), 2010
20	Ms Valsala Joseph Zoology	Root feeding 89ermin89i of Symphyla in MISBAH NICHE OF KNOWLEDGE	*Research Lines* (ISSN 0976-2523) Vol. 3, 2010
21	Dr Jissy Mathew Chemistry	Polyelectrolyte Multilayers- A new route for fabrication of nano-structured surfaces	*Research lines*, (ISSN 0975-8941), Vol.3, 2010
22	Dr Jikcey Isaac Mathematics	An approximate confidence regions in calibration model: measurement of marathon running courses	*Journal of Statistical methods in Interdisciplinary studies*, (ISBN 978-81-8465-940-5) Vol. 1, 2011

23	Dr Poulami Aich Mukherjee, History	Higher Education Among Women in West Bengal, Assam, Punjab (1947-2007): An Introduction	*Journal of Asiatic Society*, Vol. 31, 2011
24	Dr Poulami Aich Mukherjee, History	Higher Education and Indian Women: A Socio-Economic Dialogue (1947-2001)	*Journal of Asiatic Society*, Vol. 31, 2011
25	Ms Judith Sebastian English	Bewitching the Real: Fact-Fantasy Mix in Salman Rushdie's *The Enchantress of Florence."*	*SB Academic Review.* (ISSN:0973-7464) Vol.18 (1&2) 2011
26	Ms Valsala Joseph Zoology	A study on the Biology of Hanseniella unichaetosa with special emphasis on reproductive 90ermin90i and developmental stages-	*Research Lines* (ISSN 0975-8941) Vol. 4(1B), 2011
27	Dr Jissy Mathew Chemistry	Fluorescence quenching studies of lysozyme immoblized polyelectrolyte multilayer membranes,.	*Research Lines*, (ISSN 0975-8941), Vol.4, 2011
28	Dr Chinnu Chacko Chemistry	Repeatedly heated cooking oils alter platelet functions in cholesterol fed Sprague dawley rats.	*Int J Biological and Medical Research*. Vol.2 (4), 2011
29	Dr Jissy Mathew Chemistry	Transport studies of amino acids through chitosan/polystyrene sulfonate multilayers	*Research Scholar*, (ISSN 2249-6696), Vol. 2,2012
30	Ms Sherin Babu Computer Science	Relevance of Search Engine Optimization in Promoting Online Business	*Indian Journal of Computer Science and Engineering*, (ISSN 0976-5166) Vol. 3 (3)2012

❖ **Number of books authored/co-authored**

Sl. No	**Name of Faculty**	**Title of Book**	**Name of Publisher**	**Year of Publication**	**ISBN number**
1	Dr Reethamma O V, Zoology (Co-author)	Cell Biology, Genetics,Molecular Biology & Biotechology	Zoological Society of Kerala	2007	-
2	Ms. Kiran Maria Jose English	'Public Speaking'-'Prasanga Kala' Translation	DC Books, Kottayam	2007	-

3	Dr Reethamma O V, Zoology (Co-author)	Genetics and Biotechnology	Green Leaf Publications	2010	ISBN: 978-81-920269-7-8
4	Dr Saji Mariam George, Botany (Co-author)	General Informatics and Methodologies of Plant Sciences-Biostatistics	Green Leaf Publication, Kottayam	2010	ISBN: 978- 81-920269-1-6
5	Ms Anitha Jose, Zoology (Co-author)	Evolution ,Zoogeography & Ethology- The Fundamentals"	Green Leaf Publications	2010	ISBN: 978-81-920269-6-1
6	Dr. Susy Joseph, Malayalam	Rugmangatha Charitham kilippattu Samsodhitha Samskaranavum Padanavum	Current Books	2011	ISBN: 81-240-1898-7
7	Ms Anitha Jose, Zoology (Co-author)	Public Health, Nutrition & Human Genetics The Fundamentals	Green Leaf Publications	2011	ISBN: 978-81-920269-7-8

❖ **Number of papers/articles published in books/magazines**

Sl.No	**Name of Faculty**	**Title of Work**	**Name of Book & Publisher**
1	Dr I'ma Neerakkal Botany	Koon Krushiyude Avashyakatha (Mal)	*Sabdhamillathavarude Sabdam* Book I, Vol 2 ,2007 ,
2	Dr I'ma Neerakkal Botany	Koon Krushiyude Avashyakatha (Mal)	*Sabdhamillathavarude Sabdam* Book I, Vol 3 ,2007
3	Ms Jaisymol Augustine, Malayalam	Kakkadinte vajra kundalam padanam	*Mulyasruthi,* Chavara publication Vol.2.(3) 2007
4	Ms Jaisymol Augustine, Malayalam	Veenapoovu oru Arthanthara vayana	*Mulyasruthi,* Chavara publication, Vol 2(7) 2007
5	Dr Binumol Abraham, History	Gendering the Public Sphere in Colonial Keralam	*New Themes in Indian History: Art, Politics, Gender, Environment and Culture* Black & White, New Delhi 2007, ISBN: 8189-320157
6	Ms Theresa Thomas, English	Translation Touch, Sithara S.	*Malayalam Literary Survey*, Vol. 29 (1),Kerala Sahitya Academi, Thrissur, Kerala, Vol 3-4, 2008
7	Ms. Tinu Maria Thomas Fashion Technology	Trendy 2008	*Grihalakshmi & Kanyaka,* Mathrubhoomi Publication, 2008

8	Dr.Susy Joseph Malayalam	Urvara thayum Samrudhiyum Malayaliyude Maarunna Sankalpangal	*Urvarathayum Folklorum,* Dhishana publications, Kerala, 2009
9	Ms Jaisymol Augustine, Malayalam	Kalaporattinu Namovakam	*Mulyasruthi,*Chavara Publication Vol.4(1) 2009
10	Ms. Tinu Maria Thomas and Ms Anu Anna Koshy Fashion Technology	Thiranjedukku Sareeathininangunna Vasthrangal	*Griha Lakshmi and Kanyaka* Mathrubhoomi Publication, 2009
11	Dr. Regimol C.Cherian Physics	Organics semiconductor sensor for Environmental monitoring	*Green Path to Sustainability Prospects & Challenges,* Rajiv Gandhi Publication, 2010 ISBN: 978-81-907269-9-3
12	Ms. Joselin Xavier Physics	A Novel Material for Magnetic refrigeration A Green Technology	*Green Path to Sustainability Prospects & Challenges*, Rajiv Gandhi Publication ,2010 ISBN: 978-81-907269-9-3
13	Dr Reethamma O V Zoology	Bacteriological Assesssment of Potable water from selected areas of Changanassery	*Green Path to Sustainability Prospects & Challenges*, Rajiv Gandhi Publication, 2010 ISBN: 978-81-907269-9-3
14	Dr Jiksey Issac Mathematics	An Application Multivariate Calibration Model in Agriculture	*Green Path to Sustainability Prospects & Challenges*, Rajiv Gandhi Publication , 2010 ISBN: 978-81-907269-9-3
15	Dr Sr Marykutty Joseph Botany	Studies on Anti Microbial properties of wild Mushrooms	*Green Path to Sustainability Prospects & Challenges,* Rajiv Gandhi Publication, 2010 ISBN: 978-81-907269-9-3
16	Dr I'ma Neerakkal Botany	Standardization of propogation, Optimum Shade Requirement and Stage of Harvest in the Wonder Plant, Vasa	*Green Path to Sustainability Prospects & Challenges,* Rajiv Gandhi Publication , 2010 ISBN: 978-81-907269-9-3
17	Ms Jaisymol Augustine, Malayalam	DilliyileManjukalama ya Ayyappasmruthy	*Mulyasruthi* Chavara publication Vol.5, 2010
18	Dr Sr. Philomenamma John, Home Science	Tasty and Healthy Dishes	*Arogya Magalam*, Vol.2, (2) Mangalam Publications, 2010

19	Dr Sr Marykutty Joseph,Botany	Studies on properties of wild mushrooms	*Green Path to Sustainability Prospects & Challenges* Rajiv Gandhi Publication, 2010 ISBN: 978-81-907269-9-3
20	Dr Marykutty C V Chemistry	Eco friendly Double Networked Natural Rubber	*Green Path to Sustainability Prospects & Challenges* Rajiv Gandhi Publication, 2010 ISBN: 978-81-907269-9-3
21	Sr Minimol D Social Work	Familial School Influence on Achievement Motivation of Adolescents	*Inclusive Development: a Social Science Perspective* Rockcity Publication, 2010 ISBN:97893-80767-03-1
22	Dr Susy Joseph, Malayalam	Rugmangadacharitham samsodhithasamskaran zvumpadanavum,	*Anweshanathinte vazhikal* Current books, Kottayam, 2011 ISBN:81-240-1898

❖ **Books with ISBN edited by the Faculty**

Regimol C Cherian , Reethamma O V, I'ma Neerakkal, Theresa Thomas, Bijoy Nandan and Arun Augustine "**Green Path to Sustainability –Prospects and Challenges**" ISBN 978-81-907269-9-3 Published by Rajiv Gandhi Chair in Contemporary Studies , Cochin University of Science and Technology, 2010

❖ **Books Edited/Compiled**

Sl.No	Author/s	Title
1	Ms Rosili Philip & Dr Jissy Mathew, Chemistry	Practical manual – for subsidiary Chemistry students who have opted Biological Science and Home Science as main, 2008 onwards
2	Dr. Marykutty C V, Chemistry	Lab manual – for subsidiary Chemistry students who have opted Physics as main, 2008 onwards
3	Dr Sr. Mariamma Joseph, Botany	Basics in Plant Pathology. 2009
4	Dr Sr. Marykutty Joseph, Botany	Agribased microenterprises – V semester (open course) of M.G University,2011
5	Dr Sr. Mariamma Joseph, Botany	Environmental science and Eco-tourism part I & II – B.Sc Botany VI semester,2011
6	Dr Regimol C Cherian, Physics	Handbook on Experimental Physics, 2011

7	Dr Regimol C Cherian, Physics	Lab Manual on Experiments in Physics, 2012
8	Dr Sr. Marykutty Joseph, Botany	Taxonomy of Angiosperms – B.Sc Botany V Semester,2012
9	Dr Sr. Marykutty Joseph, Botany	Agribusiness for B.Sc Botany Elective, VI Semester,2013

❖ Student Presentations

Sl.No	Name of Student	Paper title	Conference details
1	Athira O K & Anju Anna Kurian, Computer Science	Data Mining	International Seminar, ISTEK 08 at CMS College of Science and Commerce, Coimbatore, 2008
2	Indu Peter, English Neha Susan, Economics	Capitalizing on Peer Group Influence	NAAC sponsored National Seminar on Student contribution to Quality Enhancement, SB College Changanacherry, 2009
3	Asha Vijayan & Priya Susan Philip B.Com	Vision in Practice	NAAC sponsored National Seminar on Student contribution to Quality Enhancement, SB College Changanacherry, 2009
4	Deepa Treasa Joseph and Meera Mohan(II BFT)	Eco-friendly garments	FASHINATION'10, a National Level Students Technical Symposium at NIFT-TEA College of Knitwear Fashion, Tirupur, 2010
5	Deepa Treasa Joseph (III BFT) and Jaimee Elza Mathew (I BFT)	Industrial Engineering & Ergonomics	FASHINATION'11, a National Level Students Technical Symposium at NIFT-TEA College of Knitwear Fashion, Tirupur, 2011
6	Shalu George and Reena George, (II BFT)	Smart wound Dressing	FASHIONATION-11, a National Level Students Technical Symposium at NIFT-TEA College of Knitwear Fashion, Tirupur, 2011
7	Shalu George & Shiha Jose, (III BFT)	Innovative Textiles in Medical Fibres	Dialto- 2012, A National Level Technical Symposium at RIIT, Nagercoil, 2012.

8	Sensy Sebastian & Sharanya Nagarajan, Computer Science	Cyber crime	National Seminar, RADIEUX 4.0, St. Gits College of Engineering, Pathamuttom, 2012
9	Sharanya Nagarajan, Computer Science	Green IT for Greening the Campus	National Seminar at SH College, Thevara, 2013

Research Awards and Recognitions Received by Faculty

- Dr Regimol C Cherian, Department of Physics, is **Reviewer for international journal** Elsevier's *Journal of Applied Surface Science*
- Dr Marykutty C.V, Department of Chemistry, is **Reviewer for international journal**, *Journal of Applied Polymer Science*
- Dr Sr. Philomenamma John, Department of Home Science, was awarded **the J.N. Bose Memorial National Award for Best Paper Presentation** by the Indian Dietetic Association, 2007.
- Dr Paulami Aich Mukherjee, Department of History
  i) Was selected as the **Youngest Scholar to submit the PhD Thesis in the Faculty of Arts**, Jadavpur University, Kolkata, 2010
  ii) Won **Best Paper Presentation Award** with cash prize of Rs 25,000/- from the French Institute at Pondicherry University, 2010
- Ms. Whyni Gopi, Department of History was awarded the **Best Paper Presentation Award** in the National Seminar, "New Faces of Woman Empowerment" conducted by Vimala College, Thrissur, 2011.
- Dr I'ma Neerakkal, Department of Botany, was recognized as *Woman Achiever in Science* by KSCSTE, Government of Kerala, 2012
- Dr Binumol Abraham, Department of History, received **Best Thesis Award and gold medal** for her thesis Humour and History of Mentality: A study of Popular Culture in Colonial Keralam, from Hyderabad University, 2012
- Dr Sherin Thomas, Department of Physics, won first prize in **Best Paper Presentation** in the National Seminar held at S B College, Changanassery, 2012
- Ms Joselin Xavier, Department of Physics, won first prize in **Best Poster Presentation** in the National Seminar held at S B College, Changanacherry, 2012
- Ms Minitha Susan Joseph, Home Science Dept, won second prize in **Paper Presentation** in the Interdisciplinary Research Fair held at St Teresa's College, Ernakulam, 2012

3.5 Consultancy

Institutional Strategies for Establishing Institute-industry Interface and Promotion of Consultancy

The Institution encourages consultancy services by faculty to benefit the local society, the less privileged and for the purpose of women empowerment. Institution- industry interface is promoted through projects, surveys and services. The list of broad areas of consultancy services provided by the institution and the expertise of the faculty are given in the college calendar and website. Besides, expertise in diverse fields is imparted through activities such as training programmes, advisory services and fashion shows. Day to day consultancy services are published through dailies, college website, college notice board, notices and local TV channels.

Encouragement to staff to utilize their expertise and available facilities for consultancy services

Infrastructure facilities of the College are given out for training programmes such as mushroom cultivation and there is also a buy-back policy for the trained. Faculty members are encouraged to offer their expertise in the recruitment of staff in local schools and colleges and also to be judges in interschool and intercollegiate competitions. Most services do not yield regular monetary returns. However, where this is available, the remuneration is utilized for meeting the expenses for providing the service, salary for assistants, for improving the infrastructure and for department activities.

Table 3.13 Areas of consultancy services provided by the institution during the last four years

Sl.No	Broad areas of consultancy service	Department	Beneficiary
1	Apparel Design and Development	Fashion Technology	Khadi and Village Industries, Government of Kerala
2	Designing of Uniforms for local school and band set	Fashion Technology	Educational Institutions
3	Apparels constructed and rented out	Fashion Technology	Cultural shows
4	Selection of Trainees	Fashion Technology	KIED
5	Selection of Sports Persons	Physical Education	University/State/Central Governments
6	Setting up of Health Clubs	Physical Education	Educational institutions

7	Filing system and Archival Management	History	CMC institutions Chavara Museum, Kottayam
8	Fruit Preservation	Home Science	Krishi Bhavan employees
9	Mushroom cultivation and Spawn Production	Botany	Community SHGs, NGOs Krishi Bhavan
10	Coconut Breeding, Horticulture	Botany	Farmers, local community
11	Vermi composting	Botany	Community
12	Nutrition and balanced diet	Home Science	Local Community
13	Technical advice on starting innovative courses	Home Science	Schools and Colleges
14	Bee keeping	Zoology	Students
15	Statistics for Research Analysis	Mathematics	Research scholars
16	Energy conservation	Physics	Students
17	Accounts maintenance	Commerce	Women entrepreneurs
18	Diet Clinic, Health Assessment, Recipe development and standardization	Home Science	Students, Teachers, Community
19	Research and Project Consultancy,	Computer Science	Students, faculty
20	Web designing and Software development	Computer Science	Archdiocese of Changanassery
21	Processing of all government programmes and projects via Akshaya Centre, Govt of Kerala	Community College	Students, local community, municipality
22	Farm Fest organized by All India Radio and CHASS	Botany	Public
23	Biopesticides	Botany	Public, staff and students
24	Promotion of women entrepreneurship	Community College	Local women,alumni and students

Table 3.14 Faculty as Resource Persons outside the College

Sl. No	Faculty	Areas of consultancy service	Beneficiaries
1	Dr Sr. Rosamma Mathew History	Creation, functioning and administration of Museum & Archives	Organizations and various institutions
2	Dr Sr. Mariamma Joseph, Dr Sr Marykutty Joseph& Dr I'ma Neerakkal Botany	Mushroom cultivation, spawn production and vermi compost production.	Locals, Self-help groups, CHASS, Clubs.
3	Dr. I'ma Neerakkal Botany	Production of quality planting materials in coconut palms for the disease hot spots of Kerala	Coconut farmers in the state.
4	Dr Sr Philomenamma John Home Science	Diet clinic offers diet consultancy	Students, teachers and local community
5	Dr Sr. Philomenamma John Home Science	Subject Expert- MSc DFSM	M G University
6	Ms Anne Mary Joseph Home Science	Member, Board of Studies, BSc Family & Community Science, M Sc Textiles & Fashion	M G University
7	Ms Manjulin Jacob Home Science	Subject Expert- MSc Textiles& Fashion and BFT a. Syllabus&CourseApproval b. Member in Inspection Commission for starting new course	M G University
8	Sr Thresiamma Devasia Computer Science	Course Co-ordinator Media Communication Catechism	Archdiocese of Changanacherry
9	Ms Mary Jaya V J Computer Science	Member in Inspection Commission for starting new course	M G University
10	Dr Sr Philomenamma John, Home Science	Question Setting	Kerala State Public Service Commission
11	Dr Sheela Irin Jayanthi J History	Question Setting	Kerala State Public Service Commission

12	Ms Sara Mendez Computer Science	Question Setting	Kerala State Public Service Commission
13	Dr Jissy Mathew Chemistry	Question Setting	Kerala State Public Service Commission
14	Ms Linz Tom Computer Science	Question Setting	Kerala State Public Service Commission
15	Dr Susy Joseph, Dr Sr Margret Maria Jose Malayalam	Question Setting	Other Universities
16	Dr Reethamma O V, Ms Thresiakkutty Antony, Zoology	Question Setting	Other Universities
17	Dr I'ma Neerakkal Botany	Question Setting	Other Universities
18	Ms Liz Thankom Mathew Fashion Technology	Member in Inspection for starting new UG course	M G University
19	Ms Anu Anna Koshy Fashion Technology	Member in Inspection Commission for starting new PG course	M G University
20	Ms Liz Thankom Mathew Fashion Technology	Member of Board of Studies	Calicut university
21	Ms Liz Thankom Mathew Fashion Technology	External Examiner	University Off Campus Centre at Dubai
22	Ms Manjulin Jacob Home Science	Member of Board of Studies Home Science	Kannur University
23	Ms Anne Mary Joseph Ms Minitha Susan Joseph Ms Rajimol K.C. Home Science	Curriculum development for training programme in Sea Food Preservation & Processing	Jan Shikshan Sansthan, GOI, Kottayam

24	Ms Anne Mary Joseph Home Science	Session on Home Management	Bishop Moore College Mavelikkara
25	Dr Sr Philomenamma John Home Science	Session on Iodine deficiency disorders, Nutrition &Diet	District health supervisors& Doctors, Kottayam Homeopathic Doctors, Changanacherry Unit
26	Dr. S Meerabhai Amma Malayalam	Executive member	Gruhalakshmi vedi, women's wing of Mathrubhoomi 2007-2013
27	Ms.Jaisy Mol Augustine Malayalam	Editorial Member	Danahalaya Publishings
28	Ms Vilasini Pillai English	HR Trainer	Hindustan University, Chennai
29	Dr.Sr.Rosamma Mathew History	Member of the Historical Commission	Archdiocese of Changanassery
30	Faculty Social Work	Data Collection and Feeding for ICDS programme	National institute of public corporation and child development
31	Faculty Social Work	Community Policing (Data Collection)	Adoor police station and Changancherry Municipality
32	Assumption Business Incubation Centre Community College	Training in Entrepreneurship	Aspiring women entrepreneurs
33	Faculty Fashion Technology	Dress & Costume Designing	Local Schools & Colleges
34	Faculty Fashion Technology	Member of Jury to fashion shows	Various organizations
35	Dr Regimol C Cherian Physics	Subject Expert in the selection committee of Guest Lecturers	Local Colleges
36	Ms Rosamma V A Mathematics	Subject Expert in the selection committee of teachers	Local Schools

37	Ms.Rinsy Thomas Mathematics	Question Setting	Kerala State Public Service Commission
38	Ms Anitha Jose Zoology	Question Setting	Kerala State Public Service Commission
39	Dr Sheela Irin Jayanthi History	Question Setting	Kannur University
40	Ms Whyni Gopi History	Question Setting	Calicut University
41	Dr Jissy Mathew Chemistry	Editorial Board Member	Interdisciplinary research journal 'Research Lines'

3.6 Extension Activities and Institutional Social Responsibility

Institution-Neighborhood-Community Network for Good Citizenship, Service Orientation and Holistic Development of Students

The College encourages student participation in community service by actively involving them in various campaigns and programmes in the adopted colonies, municipal wards, municipality, parish, social service societies, charity homes etc. In conjunction with the municipality and the local residents' associations, students participate in activities to promote clean and green neighbourhood. The Community College is engaged in training local women in income generating enterprises. Home Science students give classes on health awareness and conduct nutrition campaigns in the local panchayats. Some departments and hostels have students engaging free tuition classes for children in a local orphanage. Physics students hold awareness campaigns on energy conservation and MSW students and NSS volunteers organize rural camps for the benefit of the community. Students are involved in relief work for those affected by natural calamities. In connection with the observance of important days like AIDS day, street plays and awareness camps are held in the local community. Facilities of CANCER awareness and detection camp were extended to the neighbourhood also. **Blood donation** camps and pledging for **organ donation** is also encouraged. Students of the off Campus courses collaborated with Changanacherry municipality, State Electricity Board and Industrial Estate for social projects on Pollution Control, Scarcity of Water Resources, Mosquito Menace, Energy Conservation and Waste Management. Staff and students join with the Changanacherry Vikasana Samithi in promoting environment awareness campaigns and in developmental activities in the municipal area.

Legal awareness camps are conducted every year to equip the students with sufficient knowledge of our legal system and to make them law abiding citizens. In order to give a community orientation to the students, they are encouraged to participate actively in fund raising missions of the College. A day's fasting is observed and the fund collected thereby is used for charity purposes. Mission day is observed every year by the College community by organising various fund raising events by the departments and the funds raised are sent to the mission areas. The College also develops in the students a spirit of sharing by encouraging them to contribute meals to 'Puthujeevan Trust' once in a week. The Mother Teresa Award instituted by the PTA is awarded to the best social worker in the College.

Open NSS is an innovative scheme started by the College to include all students in extension activities. It was recognized by the MG University in 2006 with the Award for the most innovative programme under NSS in the University. Without the stipulations of regular NSS, students benefit from outreach programmes and other community oriented activities irrespective of their area of study. It is aimed at engaging all students in community service through community oriented programmes, workshops and personality development programmes which also contribute towards the holistic development of students.

Table 3.15 Major activities of the NSS in the last year

Sl. No	Activity	No of students participated
1	Environment Day Celebrations	110
2	Awareness Programme- Disaster Management	50
3	Awareness Programme- Plastic and Environmental Hazards	150
4	Awareness Programme- Blood Donation and its Values	75
5	Awareness Programme-Organ Donation and its Values	55
6	Legal Awareness Class	225
7	Independence Day Celebrations	40
8	Onam Celebrations-Visit to Govt. Old age Home	100
9	Gandhi Jayanti Celebrations	55
10	AIDS Day Celebrations	100
11	Special Camp- Suchithwa Keralam	100
12	Mini Camp	76
13	Cataract Determination Camp	52
14	Tie-up with Clean Green Changanacherry Project	158
15	Blood Donation Camp	63

Table 3.16 Major activities of the NCC in the last year

Sl.No	Event	No of students participated
1	Inspection by Group Commander	90
2	PRE-RD CAMP	7
3	PRE-RD CAMP	3
4	Youth Exchange Programme	1
5	Annual Training Camp	44
6	Combined Annual Training Camp	10
7	National Integration Camp	3
8	Republic Day Parade	3
9	C Certificate Examination	11
10	B Certificate Examination	48
11	All India Pulse Polio Immunization Programme	12
12	Independence Day Celebration	67

Institutional Mechanism to Track Students' Involvement in Activities which Promote Citizenship Roles

All students are required to maintain a Learning Journal which records all their co- curricular and extra curricular involvements. They are expected to get the entries ratified by their mentors. Students who put in a specified number of hours are given certificates and they are considered for awards. Those who are volunteers in NSS, Youth Red Cross etc are evaluated on the basis of their attendance and performance in social work.

Promotion of Faculty and Student Participation in Extension Activities

Students and faculty are provided opportunities for participation in extension through the active functioning of various organizations like NSS, NCC, Youth Red Cross, CSM, Human Rights Cell, Red Ribbon Club and Open NSS. Students are obliged to take membership in at least one of these. At the time of admissions, they are provided with the option of making their choice. Incentives and prizes are given to students who actively participate in the activities and they are recommended to the University for availing of chances to take part in interuniversity camps and programmes. For the award of gold medals and prizes for best outgoing students their involvement in extension activities is a chief criterion.

Teachers take charge as directors for the different service programmes listed in the College calendar each year. There is also active participation in extension through charity activities. The College provides venue for conduct of programmes such as intercollegiate Volunteer Training Camp (2009) and

Anti-ragging campaign organized by the NSS units. Twenty two teachers are currently sponsoring AIDS affected children and about Rs. 5,00,000/- was contributed by them in the last five years towards this cause. Teachers take up duties in connection with the General elections and also when the College is instructed to serve as a venue for renewal of voters' list.

Table 3.17 Amount spent in the last five years for major extension and outreach programmes

Year	2008-09	2009-10	2010-11	2011-12	2012-13
Social Work & Charity	44,779/-	1,39,500/-	49,993/-	65,383/-	71,892/-
Donation	53,590/-	64,650/-	1,17,500/-	1,02,960/-	-
Field Work in Extension Activity	68,411/-	90,116/-	1,89,300/-	1,70,000/-	1,90,366/-
Charity Donation by Staff Association	5,500/-	1,00,000/-	2,46,000/-	3,34,000/-	33,000/-
Total	**1,72,280/-**	**3,94,266/-**	**6,02,793/-**	**6,72,343/-**	**2,95,258/-**

Values and Skills Inculcated through Extension Activities

Students are involved in all the extension activities of the College. They take tuitions for school children in a local orphanage which help them also to gain confidence in their subject. They impart awareness classes on health, sanitation, AIDS, human rights, energy conservation, water quality etc and their participation in community programmes help them to understand the problems and difficulties faced by the less privileged in the community. The departments have regular extension and outreach programmes. The Community College centralizes the extension activities of the departments and arranges programmes in conjunction with government and non governmental agencies. Students are also involved in environmental awareness campaigns which help to develop in them a concern for the environment. Awareness on issues such as energy conservation, waste management and water quality are inculcated in the students and they are encouraged to practice environment friendly living.

Clean city campaigns, flower shows and collection of plastic waste are other extension programmes through which students realize their social responsibility and develop confidence. The chief impact has been personality development through social commitment.

The regular outreach programmes include

- Visit to charitable institutions and distribution of clothes and necessaries

- Collection of food packets on Fridays for home for the destitute-*Puthujeevan* trust
- Helping people affected by natural calamities
- Charity fund raised through fasting
- Financial support and supply of study material to the inmates of Alphonsa Balika Bhavan and Mattom Colony
- The Assumption Welfare Cell makes a weekly collection for providing noon-meal to needy students.
- Financial aid for medical treatment was extended to students' families
- Most departments have an aid fund contributed by teachers and students to extend help to needy students for payment of exam fee, purchase of books, medicines etc.

Social Surveys, Research or Extension Work Undertaken by the College to Ensure Social Justice and Empowerment of Underprivileged Students

The Equal Opportunity Cell, sponsored by the UGC, aims to provide guidance and counseling to students from less privileged sections about chances for financial assistance, openings for higher studies etc. The Community College conducts coaching classes for Dalit Students who appear for competitive exams. The Home Science Department conducts awareness classes on epidemics, sanitation, health in the neighbouring wards and community nutrition camps in neighbouring panchayats and districts. Faculty from the department of Home Science has done research in life style diseases among tribals and a project on nutritional profile of Higher Secondary adolescent girls of the municipality. Department of Social Work organized an international seminar on Children with Disabilities. Social Work students conduct awareness campaigns among local school children on alcohol abuse and give talks on nutrition and health for adolescent girls in a nearby colony. Rural camps are also regularly conducted. The students of Communicative English, Zoology, Physics, Business Administration and Economics have conducted surveys in the different wards of the municipality on topics such as waste management, energy conservation, unemployment etc (refer **Table** 3.11).

Some of the surveys conducted by the Community College include 'Resource Mapping of Changanacherry Municipality' assigned by Land Use Board of Government of Kerala, and Community Profiling (e-literacy survey). The government's on-line registration schemes such as comprehensive health insurance registration, Birth and Death registration, BPL data entry work etc are done through the Community College. The students in the off campus stream undertook a project for KSEB for energy conservation in the year 2010.

Institutional Initiatives for Community Involvement in its Outreach Activities

The Community College ensures community involvement in the extension activities of the college. It also conducts classes and training programmes for local women and drop-outs. The Botany department provides free consultancy and training to the general public, institutions, clubs and self help groups in mushroom cultivation, spawn production, horticulture practices and vermicomposting. The College collaborates with local bodies like the municipality, local panchayats and NGOs like Changanacherry Vikasana Samithy in their health awareness programmes and **'Clean Green Changanacherry'** campaigns. Our students joined with the neighbourhood resident's association to clean and green the local roads leading to the College. In order to reduce the use of plastic carry bags, leaflets are distributed in the local shops in conjunction with the Merchants' Association.

The infrastructure facilities of the college are also made available to the local community to a certain extent, especially in the Community College which was established with this aim in mind. The Akshaya Centre in the college helps the public to access government services on-line.

Local villages like Mattom Colony and Railway Colony have benefited through the extension services of the college. The College has collaborated with an NGO 'Jyothirgamaya' to provide study materials and academic counseling to children of Mattom Colony and conducted awareness programmes for their parents. Dr Sr Mercy Nedumpuram was the coordinator of the programme. Different batches of students, accompanied by the faculty, interact with inmates of local orphanages and old age homes, supplying necessaries and helping children with their studies.

Constructive Relationships Forged with Local Institutions for Various Outreach and Extension Activities

Training in mushroom cultivation and the buy back scheme along with it, is an ongoing extension activity which has enabled many in the locality to earn a living. Training programmes are conducted within and outside the College in association with NGOs like Changanacherry Social Service Society (CHASS) and local clubs like the Rotary and the Lions Club. The Social Work department and NSS units of the College have organized medical camps in collaboration with hospitals; the Social Work Department conducts public awareness programmes on social and medical issues. They have collaborated with SEWA, ARDSI, Rajagiri Outreach, UNICEF, ASSK, ICSW, Archana Women's Centre etc. Many of the teachers are office bearers/ members of committees associated with their parishes and pastoral councils.

Awards Received by the Institution for Extension Activities and/Contributions to Social/Community Development during the Last Four Years.

- Soumya Suresh emerged first runner up in '**Promising Social Worker**' at National Social Work Students' Meet at Marian College, Kuttikanam in 2008
- Ms Mary Jayamol Antony, Coordinator of Nature Club, won the **Environment Awareness Award** from the Khadi and Village Industries Development Agency of India in 2008
- The Botany Department won the award for **Best Stall at the Farm Fest**- state level Agricultural Exhibition organized by All India Radio and CHASS in 2008
- Ms. Rani Maria Thomas of Economics Department was selected to represent India in the JSPS Exchange Programme for East Asian young researchers by Directorate of Science and Technology, Japan in 2010
- Our NSS unit was recognized as one of the **Best Units** in M.G. University in 2010-11
- Dr Sr Rosamma Mathew received **Certificate of Merit** by M. G. University for having done exemplary service through NSS during the year 2010-2011
- Ms Whyni Gopi of History Department was recognized as one of the **best NSS Programme Officers** of the University in 2011
- Rachana Renukumar was selected as **Best NSS Volunteer** in the University in 2011
- The College won the **District Award** in 2011-12 for the college from which most number of students donated to the Blood banks attached to the Kottayam and Alappuzha Medical Colleges
- Aleena Johnson-NCC cadet won second rank in the **Youth Exchange Programme**(2012) and was the only cadet from Kerala who represented India in Sri Lanka Passing out Parade
- Ms Kamakshy V was awarded the **Most Promising Officer Medal** for Associate NCC Officer, NCC Training camp at Gwalior in 2013

3.7 Collaboration

Institutional Collaboration with Research Laboratories / Institutes/ Industry for Research Activities

The College solicits collaborations with research institutes and laboratories for the purpose of conducting training programmes, carrying out student projects, publications, conduct of seminars and workshops, students' internship and OJT. The College Research Centre in History has research guides from other institutions and has been approved as a centre for conducting course work.

Table 3.18 Details of collaboration with institutions of national importance

Sl.No	Name and Address of the organization	Department of the college involved	Name of the Programme
1	National Institute of Fisheries Post Harvest Technology & Training (NIFPHATT) Cochin**,**	Zoology	Internship
2	Mitraniketan, Krishi Vigyan Kendra , ICAR, Dairy Deveopment &Training Centre	Zoology	
3	NIFT-TEA Knit Wear Fashion Institute	BFT	
4	Institute for Interdisciplinary Research and Training promoted by ICSSR, Ministry of HRD, Govt. of Indi**a.**	Home Science	Field surveys and studies, community awareness programmes
5	National Museum , New Delhi	History	Research
6	TBGRI, Thiruvananthapuram	Botany	Training
7	State Government-Additional Skill Acquisition Programme	English	
8	Rajiv Gandhi Chair for Contemporary Studies, CUSAT, Kerala	IQAC	Publishing of Book of Proceedings
9	Kerala Folklore Academy	Malayalam	Folklore studies
10	NABARD	Community College	Vocational Courses
11	IGNOU	College	Conduct of Academic Programmes
12	FIWE	Community College	Entrepreneurship training
13	Tie- Kerala	Community College	
14	Kerala Chamber of Commerce	Community College	

Industry-Institution-Community Interactions for the Creation of Academic and Infrastructure Facilities

The Career and Placement Cell of the College coordinates placement drives by reputed firms and student placements are effected through these. Edyounet Teleclassroom Services have set up teleclassroom facilities for conducting career oriented short term courses. Collaboration with Amrita University has enabled the College to function as a Nodal centre of Amrita Virtual lab. The various departments have formal and informal tie ups with external research agencies, educational institutions and other organizations for the purpose of student internship/on-the-job training. The interactions with ICHR, KCHR, ASI, CHS and Museums Association of India have helped the department of History to enhance its academic and infrastructure facilities. The laboratories attached to the Department of Fashion Technology were set up with expertise from NIFT. Collaborations have been formed with Federation of Indian Women Entrepreneurs, TiE Kerala for the purpose of Business Incubation Centre for women entrepreneurs.

Eminent Scientists/Academicians who contributed to International and National Conferences organized by the College

- ***International Conference on "The Green Path to Sustainability: Prospects and Challenges", July 2010*** (in collaboration with Rajiv Gandhi Chair, Cochin University of Science and Technology)

Resource Persons -- *Dr. Valeria Matranga (Italy)*Prof. P Natarajan (Ethiopia)* K J Varghese IFS* Dr Bijoy Nandan (Cochin University)* Dr K Narayanan (IIT, Mumbai)* Dr Paul Sebastian (Director, Regional Cancer Centre, Thiruvananthapuram)* Dr H S Rammohan (Director, School of Marine Sciences, CUSAT)*Dr C Kuruvilla Jacob (Director, Rubber Board, Kottayam) *Dr K Usha (ACESSD, M G University, Kottayam)* Dr K Harikrishnan (Scientist, RGCB, Thiruvananthapuram)* Deepu C V (CDAC, Pune)*J Ansari (Scientist, NIIST, Thiruvananthapuram)*Dr T V Anna Mercy (Agricultural University, Kerala)* Dr B S Corri IFS

- ***International Conference on "Inclusion: Understanding Children with Disabilities to Build Inclusive Communities"*** (in collaboration with Adelphi University, NewYork) , ***January 2012***

Resource Persons --*Prof Anita Frey * Dr Pavan John Antony * Dr Stephen Shore*Dr Annie Mungai (Director, Special Education, Ruth S Ammon School of Education NY), *Dr Lucia Buttaro(all from Adelphi University, USA), *Paul Lobithas (TOT, Community Based Rehabiltation), *Rev Dr Jose Antony (Director, BOSARD), *G Placid(Director, SAHAYI, Thiruvananthapuram)

- ***National Seminar on "Mental Health"* August *2008***

Resource Persons: *Dr Roy Abraham Kallivaylil (President, Indian Association of Social Psychiatry), *Dr R Parthsarathy (Professor, Psychiatric Social Work, NIMHANS), *Dr G C Gopala Pillai(Managing Director, INKEL), *Dr Raja Ram Subbian (International Psychosocial Consultant, Bangalore)

- ***National Seminar on "Role of Women in Emerging Indian Society" January 2009***

Resource Persons: *Smt Padma Ramachandran IAS (Former VC MS University, Baroda), *Dr Manimekhalai (Director, Centre for Women's Studies, Bharathidasan University, Trichy), *Dr Yasodha Shanmughasundharam (Former VC, Mother Teresa University, Kodaikanal)

- ***National Seminar on "Archaeology and Museology: Prospects and Challenges"* , December 2010**

Resource Persons: *Dr Poonam Choudhari (Director, Institute of Museology, University Of Jammu) *Dr M V Nair (Director, National Research Lab for Conservation of Cultural Property, New Delhi), *Dr K S Mathew (Director, IRISH)

- ***National Conference on "Museum: A Centre of Education"*** (in collaboration with Museums Association of India) in ***December 2011***

Resource Persons: *Dr P K Sharma, (President, Museum Association of India)*,** Dr R D Choudhary, (Former V C, National Museum Institute), *Dr M G S Narayan(Historian and Director, CHS, Thripunithura) *Dr Anand Burdhan (Delhi Institute of Research and Heritage) *Mr John Philippose(Museum Consultant, New Delhi)

- ***INSPIRE Science Camp, November 2012:*** DST funded 5 day Residential programme for Class XI students:

Resource Persons:*Dr Raju Narayana Swamy IAS, *Prof S. Sugunan (CUSAT), *Dr Kuruvilla Joseph (IISST), *Dr K Rajeev (VSSC) *Dr A M Mathai(Emeritus Prof., McGill University, Canada)

Delegates from the **Catholic University of Korea** visited the College in 2012 to discuss the possibilities of collaborating on an exchange programme and Ina Franzman and Sabrina Koch of the **Frankfurter School of Fashion, Germany,** visited the college in 2013 to discuss a faculty/student exchange programme.

Table 3.19 Details of linkages/collaborations for

Sl.No	Name and Address of the organization	Level of Organization	Activity/beneficiary
Curriculum Development			
1	Akshaya	State Government	Malayalam computing/ students
2	Keltron	State	Certificate courses/students
3	Centre for Continuing Education, Government of Kerala	State	
4	Mahatma Gandhi University	State	Conduct of Off Campus Courses
5	NIFT-TEA Knit Wear Fashion Institute	National	BFT
6	IGNOU	National	PG,UG,Certificate programmes
7	Kerala Council for Historical Research (KCHR)	State	Excavation of Archaeological sites /students
8	Archeological Survey of India	National	
9	Department of Archaeology, Government of Kerala	State	
10	National Museum Institute	National	Learning Facilities
11	Centre for Heritage Studies, Tripunithura	State	
12	NIMHANS	National	MSW students
13	Pushpagiri Medical College	State	
14	Institute of Mental Health and Neurosciences, Kuthiravattom	State	
15	Ananthapuri Hospital and Research Centre	State	
16	MOSC Medical College, Kolencherry	State	
17	KRIST SEVA KENDRA- MP	National	
18	Archana Women's Centre	NGO	
19	CHASS	NGO	
20	BODHANA	NGO	
21	KSSS	NGO	
22	ASK	NGO	
23	ADS	NGO	
Curriculum Enrichment			
1	Edyounet Teleclassrooms Network	National	Students

Internship			
1	Leela Scottish Lace, Pvt Ltd Bangalore	National	Students
2	Bombay Rayons Fashion Ltd, Bangalore	National	Students
3	Texport Garments, Pvt Ltd, Bangalore	National	Students
4	Bombay Rayons Fashion Ltd, Thiruvanthapuram	National	Students
5	Imperial Readymade Garments Factory India Ltd. Chennai	National	Students
6	Shahi Export Ltd, Sarjapur	National	Students
7	Ambattur Clothing Ltd	National	Students
8	KVIC	National	Students
9	National Institute of Fisheries Post Harvest Technology & Training (NIFPHATT) – Cochin, Ernakulam	National	Students
10	NIFT-TEA Knit Wear Fashion Institute	National	BFT
11	Mitraniketan, Krishi Vigyan Kendra , ICAR, Govt of India	National	Zoology
12	St John's Medical College, Bangalore	National	MSW students
On-the-job Training			
1	Dairy Training Center, Kottayam	State	Zoology
2	Institute for Interdisciplinary Research and Training - promoted by ICSSR, Ministry of HRD, Govt. of India.	National	Students
3	TBGRI, Thiruvananthapuram	National	Students
4	Archaeological Survey of India, Thrissur Division	State	Students
5	Department of Archaeology, Government of Kerala	State	Students
6	Kerala Council of Historical Research, Thiruvananthapuram.	State	Students
7	Centre for Heritage Studies, Thrippunithura.	State	Students
8	Kerala Sports Council(for training of sportswomen)	State	Students
Faculty Exchange			
1	Senior Experten Service, Germany	International	BFT students

Research			
1	Institute for Research in Social Sciences and Humanities, Thalassery.	State	Students
2	National Museum, New Delhi	National	Students
3	Institute for Interdisciplinary Research and Training- promoted by ICSSR, Ministry of HRD, Govt. of India.	National	Students
4	Kerala Folklore Academy, Kannur	State	Dept of Malayalam
5	Department of Industries and Commerce, Govt of Kerala	State	Faculty
6	Centre for Public Policy Research	State	Students
7	Centre for Civil Society	New Delhi	Students
8	Tropical Botanic Garden and Research Institute(TBGRI)	State	Research in Mushroom Cultivation and Spawn Production
Conduct of Seminars, Research Projects			
1	KSCSTE	State	College
2	DST	National	College
3	Coconut Development Board	National	Botany Department
4	UGC	National	College
5	Kerala Environmental Agency	State	College
6	CED	National	Botany Deartment
Student projects			
1	SB College, Changanacherry	State	PG Students
2	Loyola College of Social Sciences	State	Street Vendors
Consultancy			
1	Colleges and Schools in the district for designing of Uniforms	Regional	Dept of Fashion Technology
2	Tata Tea Ltd	Conduct of environmental awareness programmes	College Nature Club
3	Department of Industries and Commerce, Govt of Kerala	State	Sponsoring of E D Club
4	Directorate of Tourism, Govt of Kerala	State	Sponsoring of Tourism Club
Publication			
1	Rajiv Gandhi Chair for Contemporary Studies, CUSAT, Kochi	State	College

Extension			
1	Institute for Interdisciplinary Research and Training - promoted by ICSSR, Ministry of HRD, Govt. of India.	National	Local Community
2	CHASS	Regional	Local Community
3	Federation of Indian Women Entrepreneurs, New Delhi	National	Community
4	Mattoli (NGO)	State	Women Entrepreneurs of the Organisation
5	SEWA	National	Street Vendors
6	Rajagiri Outreach and UNICEF, ASK, ICSW	National	Community
7	Kerala State Aids Control Society	State	Community
8	ATREE	State	Community
9	Eramathur Youth Movement	Regional	Community
10	Medical Colleges, Kottayam& Alappuzha	State	Community
11	Krishi Bhavan	State	Community
12	Lions Club, Rotary Club, Jaycees, Chry	Regional	Community
13	NABARD	National	Community, College
14	Kuttanad Vikasana Samiti	Regional	Community
15	District Kudumbasree mission	State	Community
16	Municipality	Regional	Greening the City, Solid Waste Management
17	NSS with Jyothirgamaya, an NGO based in Moovattupuzha	Regional	Quality Life Education Programme [QLEP]
18	Neighbouring Panchayats(Mushroom Cultivation)	Regional	Community
19	Merchant Association of Changanassery	Regional	Flower Show
20	Training in sports and Games by Physical Education Dept to school students	Regional	Local Schools
21	Vasan Eye Care, Kottayam for Conduct of Eye Camp	Regional	Community
22	Alappuzha Medical College for Suicide prevention Awareness camp	State	Students

Field Visit			
1	Navjeevan Centre, Creative Handicrafts, Mumbai, Vatsalaya Foundation, JJ Hospital, Mumbai, AIR, Doordarshan, Malayala Manorama, Deepika, TBGRI, Thiruvananthapuram, Rubber Research Institute of India, Kottayam, St Joseph's Press, Changanacherry	National, State	Students of Various Departments

Systemic Efforts of the Institution in Establishing Linkages/ Collaborations

Linkages and collaborations are initiated with a view to further the vision and mission of the College. GOs, NGOs, industries and other institutions are identified so as to collaborate in curriculum enrichment, research, training, extension, consultancy, placement etc. New generation courses like BFT, BA Museology and Archaeology, B Sc Microbiology, BA Communicative English, MTF, MSc DSFM , MSW etc require a lot of interaction with the industry and community and the departments are keen to forge linkages with external agencies. The Community College has been specially established to facilitate interface between College and Community through tie ups with GOs and NGOs.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

Institutional Policies for Creation/Enhancement of Infrastructure for Effective Teaching and Learning

The College is always keen to enhance the infrastructure to make teaching–learning more effective. Infrastructure is upgraded to facilitate the newly introduced programmes as well as when revision in the curriculum of existing courses is done. Every effort is made to procure funds from the UGC and other funding agencies for this purpose.

Individual departments submit their requirements to the Principal who sanctions it after consultation with the Bursar. Projects which require substantial funding are brought before the Staff Council, the IQAC and the Managing Board. When it is sanctioned, effective implementation is carried out through the Planning Board, and the Building Committee, if necessary.

Facilities Available for Curricular, Co-curricular and Extra–curricular Activities

Spread over 13 acres, Assumption College has nine blocks which house 15 departments and 7 hostels with associated facilities for the effective conduct of curricular, co-curricular and extra curricular activities. Infrastructure facilities like audio visual aids, models, internet connectivity and other resources for improvement of teaching-learning are augmented annually to keep up with the academic development of the College. The College is sought out by students from across the State as well as NRI students due to the residential facilities and excellent support services provided. Situated hardly a kilometer away from the town, bus stations and railway station, the College is easily accessible to students from a distance.

Table 4.1 (a) Infrastructure for Curricular/Co curricular Activities

Description of the Facility	Number
Classrooms	64
Intercom linked departments	15
Research Centre	1
Administrative Section	
Principal's Office	1
Administrative Offices	4
Archives	1
IQAC Office	1

Technology enabled learning spaces	
Instrumentation room	1
College Computer Centre (CAPTECH)	1
Network Resource Centre	1
Conference Hall with teleclassroom facility	1
Conference Hall with smart board	1
Mini Conference Hall	1
Laboratories	
Science Laboratories	26
Computer Laboratories	4
Language Lab	1
Math Lab	1
Diet Clinic and Dyeing Lab	1
Pattern Making and Draping Lab	1
Fashion Art Lab	1
Textile testing Lab	1
Textile Dyeing and Printing Labs	1
Microbiology Lab	1
Bio chemistry Lab	1
Conservation Lab	1
Physics Project Lab	1
Home Science Cottage	1
Specialized Facilities and equipments for Teaching Learning and Research	
Research centre	1
Laptops	9
LCD Projectors	20
Digital Visualisers	2
Overhead Projectors	4
Heritage Museum	1
Science Museum	2
Examination Centre	1
General Library	1
Herbarium	1
Herbal Garden	1
Mushroom House	1
Mushroom Spawn Lab	1

Table 4.1 (b) Infrastructure for Extra-curricular Activities

Description of the Facility	Number
Sports	
Outdoor Games	
Flood lighted roofed Basket Ball Court	1
Volley Ball Court	1

Hand ball Court	1
Net ball Court	1
Tennis Court	1
Athletic ground and thre lane tracks	1
Gymnasium	1
Health Club	1
Yoga Centre	1
NSS Office	1
NCC Office	1
Cultural Activities	
Auditorium (capacity-600)	1
Indoor Court (capacity-2000)	1
Television sets	5
Support Facilities	
Student Hostels	7
Staff Hostel	6
Quarters for the Sports Coaches & Security	3
Guest Residence	2
Guest room	2
Mess Hall	3
Dinning hall	1
Canteen	1
Cafeteria	1
Water coolers	5
Student Amenity Centre	1
Counselling Centre	1
DTP Centre	1
Information Centre	1
Placement and HR	1
Chapel	1
Public Telephones	6
Vehicle parking shed	1
College Store	1
ATM	1
Bank	1
Generator & Transformer room	2
Facilities in Community College	
DTP	1
Apparel Unit	1
Assumption Fashion Boutique	1
Akshaya Centre	1
Day Care Centre	1
Beauty Care Centre	1
Vermireactor	1
Mushroom Bed Preparation Room	1

Planning of Infrastructure to keep up with Academic Growth and Optimal Utilization

The Management chalks out infrastructure requirements at the beginning of the academic year and the College Planning Board and the Building Committee implement new additions to infrastructure in line with the development of the College.

With a view to enhancing teaching-learning facilities, additional infrastructure, including two seminar halls with LCD projectors and smart board were set up. The HRD and various departments utilize these to conduct various career oriented training programmes, seminars, soft skill development and leadership training programmes. The departments of Botany, Zoology, Chemistry and Computer Science make available their laboratories and service of their faculty to train higher secondary students from neighboring schools for practical sessions. The Mathematics department has a collection of mathematical models and faculty uses these to train school students in mathematics also. The Physical Education department utilizes the games courts and other facilities to train school children during vacation and to organize State level and University level competitions/camps.

The project laboratory, open to students from other institutions also, was set up for the PG Department of Physics. A Heritage Museum, attached to the Department of History caters to BA Museology & Archaeology students and is open to the public. The instruments and equipments purchased as part of the minor projects is also shared interdepartmentally. Two rooms with computer and net facilities are extended for conducting the centralized paper valuation camp of the University. The auditorium with a seating capacity of 600 is used for common programmes and rented out for public functions. It also serves as a polling booth during the general elections.

An Indoor Court, constructed in 2008, serves as a platform for academic, co-curricular and extra curricular activities. The department of Fashion Technology utilizes it for conducting fashion shows every year. It also serves as the venue for exhibition and sale by students and outsiders. The Indoor Court is also rented out to the public during holidays.

As a partner institute of IGNOU, the College conducted various UG and PG courses and served as its examination centre, utilizing the infrastructure facilities available in the College. The College also serves as examination centre for privately registered candidates of the University, for PSC examinations, and NCC certificate examinations. The College offers rooms and ICT facilities for the Centralized Valuation Camps of the University.

The CAPTECH, which serves as the general computer laboratory, offers computer training programmes for the non-teaching staff and school going students during the summer vacation.

The athletic ground is utilized to conduct community programmes like flower shows and fairs organized by APAAC in collaboration with Merchants Association of Changanacherry.

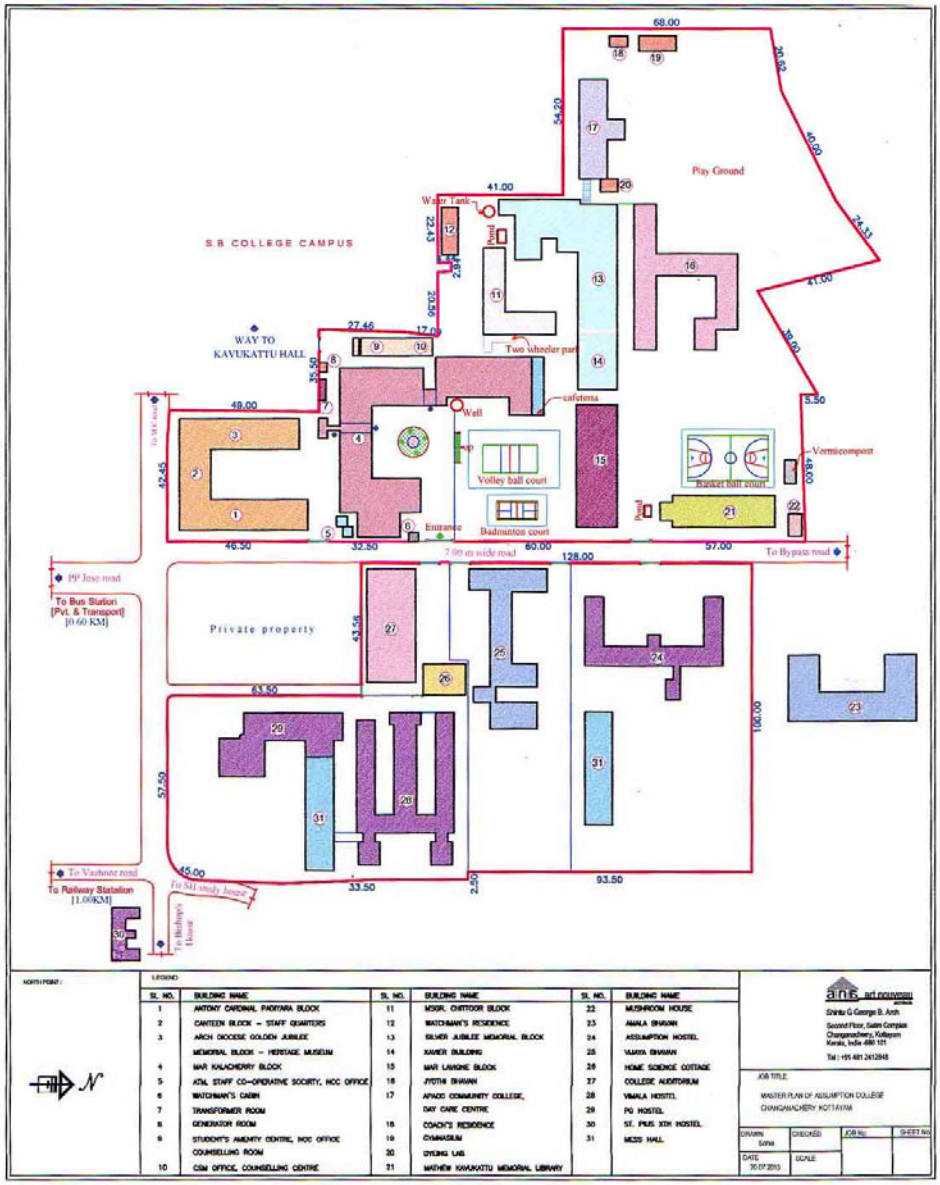
Future Expansions Planned

A new block has been proposed to keep pace with requirements for classrooms for new courses applied for and started. Other expansions include a sports complex, a roofed volleyball court, and extension of an existing block.

Table 4.2 Facilities Developed and the Amount Spent during the Last Five Years

Year	Facilities added	Amount Spent
2008-09	Installation of Transformer	13,07,616/-
	Museum	15,000/-
	Fax machine	8,600/-
	Construction of Cafeteria	3,93,053/-
	Equipments	10,46,363/-
	Upgradation of Departments	40,44,286/-
	Total	**68,14,918/-**
2009-10	Installation of Transformer	12,13,689/-
	Indoor Court	4,85,189/-
	Purchase of Land	68,84,420/-
	Public Address System	30,000/-
	Equipments	9,31,722/-
	General Construction	8,22,740/-
	Total	**1,20,66,638/-**
2010-11	Installation of Transformer	3,97,580/-
	Construction of Women's Hostel	20,00,000/-
	New class rooms &Lab renovation	3,85,175/-
	Equipments	8,47,415/-
	Water Coolers(3Nos)	80,700/-
	Total	**37,10,870/-**
2011-12	Installation of Transformer	2,49,685/-
	New class rooms &Lab renovation	3,20,075/-
	Upgradation of Auditorium	33,32,100/-
	AC	81,500/-
	Inverter	17,755/-
	Fire Extinguisher	54,905/-
	New website	1,44,175/-
	Construction of Women's Hostel	53,51,096/-
	Construction of Students' Amenity Centre	6,62,090/-
	Equipments	5,87,721/-
	Roofing of Basket Ball Court	20,60,055/-
	Total	**1,28,61,157/-**

Master Plan of the College Campus

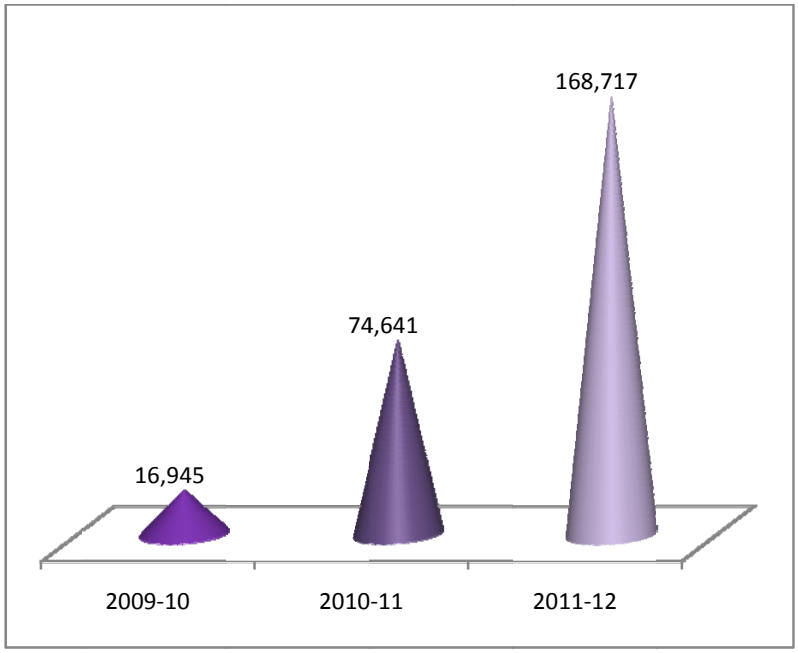


SL. NO.	BUILDING NAME	SL. NO.	BUILDING NAME	SL. NO.	BUILDING NAME
1	ANTONY CARDINAL PADIYARA BLOCK	11	MSGR. CHITTOOR BLOCK	22	MUSHROOM HOUSE
2	CANTEEN BLOCK – STAFF QUARTERS	12	WATCHMAN'S RESIDENCE	23	AMALA BHAVAN
3	ARCH DIOCESE GOLDEN JUBILEE MEMORIAL BLOCK – HERITAGE MUSEUM	13	SILVER JUBILEE MEMORIAL BLOCK	24	ASSUMPTION HOSTEL
		14	XAVIER BUILDING	25	VIJAYA BHAVAN
4	MAR KALACHERRY BLOCK	15	MAR LAVIGNE BLOCK	26	HOME SCIENCE COTTAGE
5	ATHL STAFF CO-OPERATIVE SOCIETY, NCC OFFICE	16	JYOTHI BHAVAN	27	COLLEGE AUDITORIUM
6	WATCHMAN'S CABIN	17	APACE COMMUNITY COLLEGE, DAY CARE CENTRE	28	VIMALA HOSTEL
7	TRANSFORMER ROOM			29	PG HOSTEL
8	GENERATOR ROOM	18	COACH'S RESIDENCE	30	ST. PIUS XTH HOSTEL
9	STUDENT'S AMENITY CENTRE, NCC OFFICE COUNSELLING ROOM	19	GYMNASIUM	31	MESS HALL
		20	DYEING LAB		
10	CSM OFFICE, COUNSELLING CENTRE	21	MATHEW KAVUKATTU MEMORIAL LIBRARY		

Infrastructure Facilities for Students with Physical Disabilities

The College makes sure that the classes are arranged on the ground floor for students with disabilities. Special desks and chairs are provided for them in classrooms and library. Facilities like provision for scribes, separate seating arrangements and extra time are provided during examinations. They are also provided with special toilet facilities, low level sinks in the washing area, ramps and rails. The College avails of UGC funds for the welfare of physically challenged students.

Expenditure on Infrastructure for Differently Abled Students



Details of Residential Facilities

There are seven hostels attached to the College, including one for postgraduate students. The total capacity is 880 and at present all hostels are fully occupied. All hostels have solar water heaters, inverters, biogas plants, mini dairy farms, ample water resources, clean well equipped kitchens and bathrooms, laundry facilities, water coolers, reading rooms and libraries, recreational facilities like TV, DVD players, games, badminton courts and outdoor stages, and inmates can use the college gymnasium and health club. There are annual outings, weekend movies and picnics in all hostels. Important festivals like Onam and Christmas are celebrated. Cultural, literary and sports competitions are conducted to boost the talent of the inmates. There are inter-hostel gatherings on special occasions. Value education sessions and counseling facilities are arranged for residential students. Computer facilities and internet connection is available in all hostels.

There is a staff quarters with all facilities for 12 residential teachers, and quarters for 4 full-time sports coaches. The campus and hostels have access to safe drinking water, and the campus is provided with round –the-clock security. The security staff have on- campus residential facilities.

There is a medical officer on call for the hostels and College, and in case of emergencies, students are taken to the multi-specialty hospital run by the same management. An infirmary with first aid facilities is maintained in the campus. The Diet Clinic of the Home Science Department enables students to check their BMI and gives advice on food and nutrition requirements. The NSS units of the College conduct medical, cancer detection, blood group detection/ donation camps and cataract detection camp in association with government and private hospitals.

Common Facilities Available on Campus

A full time Counseling Cell functions in the Student Amenity Centre which also provides facilities for recreation and indoor games. The IQAC office is equipped with computer with internet, printer and sufficient filing facilities. There are separate rooms for HR Department, Placement and Career Cell. Non residential teachers avail of the staff rest room attached to the staff quarters. The Community College runs many of the extension activities of the College. It also has a Day-care centre for children of staff and local people. The College has a car for official use and two College buses for the convenience of students who commute from interior areas also. A separate transformer has been installed by the College to meet increasing power and voltage requirements.

4.2 Library as a Learning Resource

Library Advisory Committee – Composition and Significant Initiatives

There is a library committee comprising the Principal, librarian, faculty representatives and student representatives. A senior member of the faculty is the Coordinator.

The Committee advises and helps the librarian in the following matters:

- Allocation of funds and grants
- Purchase of books
- Stock verification of books, journals and e-resources
- Subscription towards journals of various subjects
- Redress of students' grievances regarding the library, which are forwarded by the grievance cell
- General functioning of the library
- Student feedback

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

The automated college library has an area of 906 sq mts, spread over three floors with a seating capacity of 250. On working days, the library is open from 8.30 am to 6 pm and on holidays and vacation from 10 am to 4 pm. The ground floor for general reading is stocked with newspapers, magazines, journals, references, dissertations etc. New arrivals are displayed, OPAC which registers about 25 logins per day, archives and photostat and printing facilities are available here. Separate reading area is available for staff.

The first floor has the general stacks, documentation section, electronic section with access to e-journals through INFLIBNET and the second floor is devoted to reference books and book bank for students. The library has a total of 12 computers of which 5 belong to the e-learning room. Students have free access to the computers with broadband internet facility of 100mbps speed. A Photostat machine and two printers ensure efficient service. The following details give an overview of the use of the library:

* Average number of walk-ins - 300/day
* Average number of books issued/returned - 100/day
* Ratio of library books to students enrolled - 35:1
* Average number of books added during last three years - 696
* Average number of login to e-resources - 15/day
* Average number of e-resources downloaded/printed - 60-70/day
* Number of information literacy trainings organized - 22/year
* Details of "weeding out" of books and other materials - 50/year

The specialized services provided by the library include facilities for Reference, Question Bank CDs, Reprography, Book binding, Inter library loan service, Information deployment and notification, Downloading and Printing, Reading list/ Bibliography compilation, User-orientation and awareness, assistance in searching databases etc. Security is ensured through surveillance camera functioning in the library.

Purchase and Use of Current Titles and Journals

Funds sanctioned by the UGC are allocated in the budget for the purchase of books, reading materials and CDs. According to the requirements of new courses, revision of syllabus etc, the management allocates sufficient amounts and departments take up the initiative to purchase books. In addition to the books available in the General Library all department stock a good number of text books, reference books and journals.

LIBRARY LAYOUT

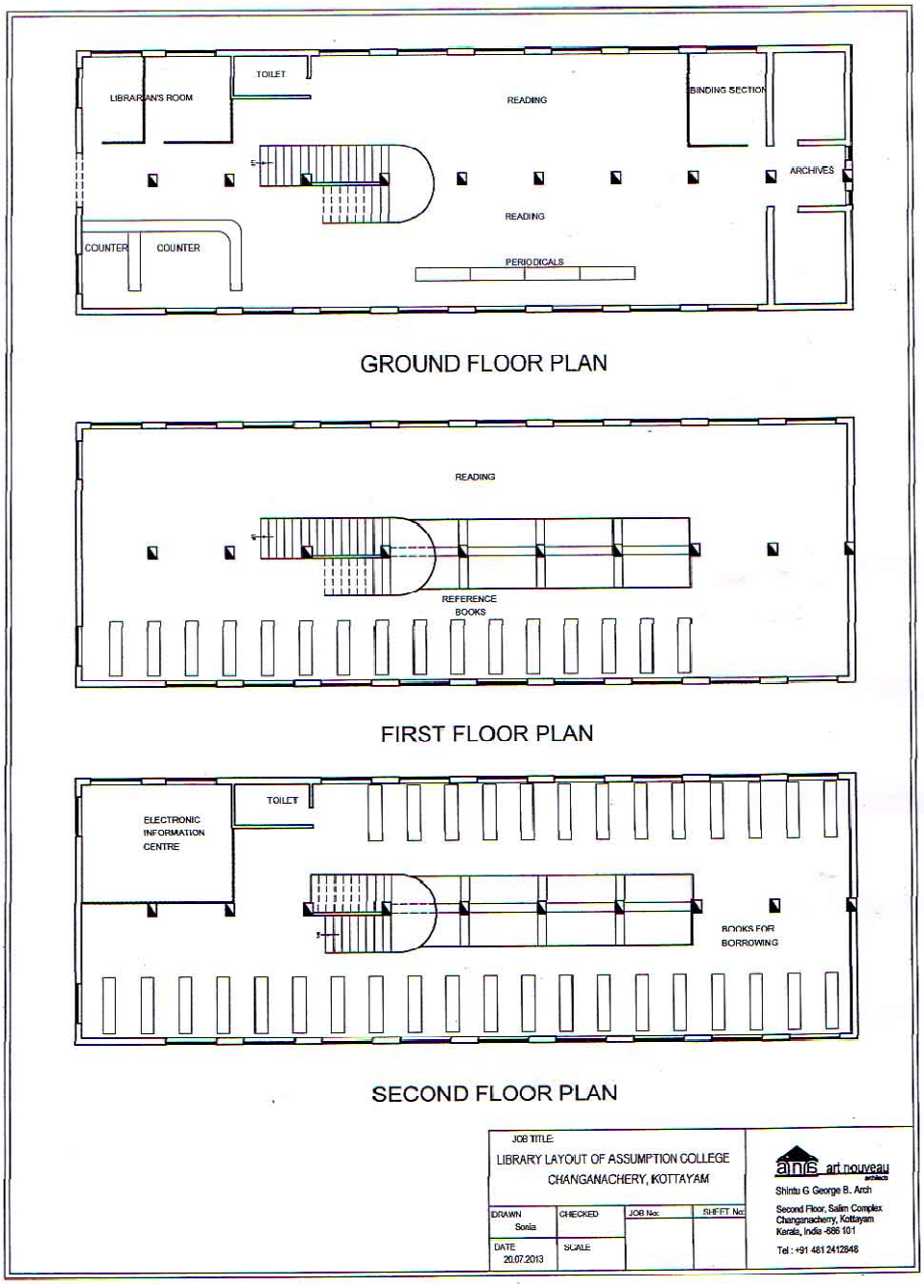


Table 4.3 Amount Spent on Books, Journals and e-resources during the last four years

Library holdings	2008-09		2009-10		2010-11		2011-12	
	No.	**Total Cost in Rs.**	**No.**	**Total Cost in Rs.**	**No.**	**Total Cost in Rs.**	**No.**	**Total Cost in Rs.**
Text books	72	18,500/-	92	22,500/	112	25,000/-	118	26,500/-
Reference Books	424	2,13,479/-	592	2,30,016/-	635	4,65,742/-	541	3,57,422/-
Journals/ Periodicals	256	17,500/-	261	21,500/-	265	25,650/-		25,200/-
E-resources CDs	314	14,000/-	30	16,500/-	359	17,000/-	270	20,000/-
Inflibnet							5000	5,000/-
Total	**1066**	**2,63,479/-**	**1275**	**2,90,516/-**	**1371**	**5,33,392/-**	5929	**4,34,122/-**

Support Provided by Library Staff to Users

The librarian instructs freshers on the rules and regulations of the library as well as the facilities available there. The staff helps students to locate books and magazines, helps them with the book bank and guides them in using e-resources and educational CDs. Inter library loans are arranged for students, on request. New arrivals are displayed, and back issues of magazines and journals are maintained in the archives. Residential students are trained by the library staff, after college working hours, in the systematic arrangement of books in their respective disciplines. The library has instituted Best User Awards for UG and PG students.

Special Facilities for the Visually/Physically Challenged

Physically challenged students are granted extended borrowing time and they can borrow books through their friends. The library staff assists such students in taking books from the higher shelves and upper floors. Braille facility is available in the library.

Use of Library Feedback for Improving Services

The library committee collects feedback from users in a specific format. It is analysed and discussed by the committee to redress grievances, further enhance facilities and improve services. The shifting of reference books and issue counter to the upper floors was effected following suggestions from users.

4. 3 IT Infrastructure

Computing Facilities within the College

Since all departments require ICT enabled teaching-learning, purchase and upgradation of hardware and software is carried out every year.

Table 4.4 IT Infrastructure in the College

Sl.No	Item	Number	Specifications
1	Computer	212	Intel Pentium 4,Intel Celeron, Intel Dual core, Intel Core 2 Duo, Intel Pentium III Xeon, AMD
2	Hub	13 1 5	24 ports 16 ports 8 ports
3	Laptop	9	
4	Printer	32	3 Laser jet color, 25 laser and 4 dot matrix
5	Scanner	4	
6	LCD	20	
7	Digital Visualizer	2	
8	UPS	29	7.5KVA-1, 6KVA-2, 3KVA-10, 2KVA-1, 1KVA-2, 0.5KVA-13
9	Licensed software	15	Windows7(80),Windows2000,Windows XP, Linux, SQL Server, Tally9(multi-user), VisualStudio6, MSOffice2000,AdobePhotoshop, Micro media Flash, Coraldraw9, Adobe Pagemaker6.5,AdobeCS4,Vision Fashion Studio, REACH Fashion Studio, REACH CADD, Campus.Net, Software for College Canteen, College store
10	Photocopier	8	5 with Computer interfacing
11	Interactive board	1	

ICT Facilities Available to Faculty and Students On and Off-campus

The entire campus is LAN connected. The College has a general computer lab with internet connection in 32 stations, and students and faculty have access to it during working hours, and beyond, if necessary. Apart from the general lab there are 4 computer laboratories attached to various departments. All departments are provided with computers with net facilities. The Community College has a well equipped computer laboratory of its own. The library provides browsing facilities as well as an electronic section with 5

computers. Off the campus, all hostels have computers with internet connections. Wi-Fi facility is available in the Fashion Technology block.

Institutional Strategies for Deploying and Upgrading IT Infrastructure and Facilities

A System Administrator has been entrusted with the deploying of IT resources. Log books are maintained and students belonging to all streams can avail of IT facilities in the general lab as well as the UGC network resource centre and seminar halls. 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.

Table 4.5 Provisions in the Annual Budget for Procurement, Upgradation and Maintenance of Computers and Accessories in the Last Four Years

Year	Amount spent in Rs			Annual Budget in Rs.
	Procurement & Upgradation	Maintenance	Total	
2008-09	5,26,784/-	16,439/-	5,43,223/-	5,50,000/-
2009-10	6,09,388/-	80,139/-	6,89,527/-	6,50,000/-
2010-11	4,75,152/-	1,08,920/-	5,84,072/-	5,50,000/-
2011-12	8,41,977/-	62,734/-	9,04,711/-	9,00,000/-
Total	**24,53,301/-**	**2,68,232/-**	**27,21,533/-**	**26,50,000/-**

Institutional Efforts to Facilitate Extensive Use of ICT Resources/ Computer-aided Teaching-learning Materials

To encourage and facilitate extensive use of ICT resources in teaching and learning, seminar halls and departments are equipped with computers and accessories. Most departments have been provided with laptops and LCDs. Software and hardware are purchased and updated at every opportunity.(refer Table 4.6)

Table 4.6 Details of ICT resources for teaching learning

Sl.No	Item	Amount Utilized in Rs
1	Internet	6,94,158/-
2	Amplifier	5,800/-
3	Website	1,44,175/-
4	Audio Visual Aids	2,17,045/-
5	Teaching Aids including LCDs	15,08,702/-
6	Software	2,29,000/-

7	TV (2 Nos)	54,911/-
8	Digital Visualiser	1,11,000/-

Student - centric Teaching-learning Process

New software are installed to enable students to take up project work in fields that interest them. Audio visual aids are used in teaching and students are required to present seminars and assignments using ICT. Project presentations are done in class and advanced learners are trained to utilize net resources. Students are given access to virtual lab facility and teleclassroom resources.

4.4 Maintenance of Campus Facilities

Optimal Allocation and Utilization of Available Financial Resources for Maintenance of Facilities

A substantial amount is allocated in the institutional budget each year for maintenance of infrastructure and learning resources, so as to provide the best facilities for stakeholders.

Table 4.7 Details of Budget Allocated during Last Four Years

Sl No	Head	Year	Allocation in Rs.	Utilized in Rs.
A	**Building**	2008-09	1,00,000/-	83,550/-
		2009-10	3,50,000/-	3,67,846/-
		2010-11	13,00,000/-	12,96,100/-
		2011-12	7,50,000/-	7,57,052/-
B	**Furniture**	2008-09	125,000/-	1,24,381/-
		2009-10	1,00,000/-	90,050/-
		2010-11	20,000/-	20,150/-
		2011-12	2,75,000/-	1,93,814/-
C	**Computers**	2008-09	15,000/-	16,439/-
		2009-10	80,000/-	80,139/-
		2010-11	1,00,000/-	1,08,920/-
		2011-12	60,000/-	62,734/-
D	**Repairs& Maintenance**	2008-09	1,50,000/-	1,45,630/-
		2009-10	18,50,000/-	16,74,582/-
		2010-11	4,80,000/-	22,99,424/-
		2011-12	15,00,000/-	15,82,113/-
E	**Vehicles**	2008-09	1,25,000/-	1,22,838/-
		2009-10	1,15,000/-	1,17,768/-
		2010-11	3,50,000/-	3,54,476/-
		2011-12	5,00,000/-	4,91,456/-
F	**Electrical fittings,repairing & Generator Charges**	2008-09	75,000/-	76,421/-
		2009-10	2,25,000/-	2,21,838/-
		2010-11	1,75,000/-	1,71,288/-
		2011-12	3,50,000/-	3,49,778/-

G	**Contingency & Maintenance**	2008-09	10,50,000/-	10,55,337/-
		2009-10	11,00,000/-	11,08,137/-
		2010-11	7,50,000/-	7,66,947/-
		2011-12	7,00,000/-	7,01,736/-
H	**Departmental Expenses**	2008-09	3,00,000/-	2,89,017/-
		2009-10	4,50,000/-	4,52,018/-
		2010-11	4,75,000/-	4,72,861/-
		2011-12	8,50,000/-	8,51,275/-

Institutional Mechanisms for Maintenance and Upkeep of Infrastructure Facilities and Equipment

The Planning Board and departments chalk out requirements in maintenance and upkeep of infrastructural facilities and equipments. Funds available from external sources such as UGC and State government are availed of and utilized to the maximum. Extra expenses are met by the Management and other bodies. For example, running charges for the generator and maintenance of intercom facility are met by the PTA and Staff Association respectively. Full time technicians are available on campus for the maintenance of ICT equipments. Technicians are available on campus for electrical and infrastructure maintenance whenever necessary.

Calibration and Other Precision Measures for Equipment/Instruments

Annual checking of laboratory equipments, and stock verification are regular practices at the end of each year. This is ratified by faculty concerned, Head of the department and a faculty member from another department. This is again verified by the Principal and government auditors on an annual basis.

Calibration and precision measures are taken up for instruments by the faculty, lab assistants and mechanic of the departments concerned. If major repair is required, the suppliers or service providers are approached. A transformer was installed in the campus to safeguard precision equipment against voltage fluctuations. A lightning arrester ensures protection of electrical and IT equipment. All computers in the campus have UPS facility.

Major Steps taken for Location, Upkeep and Maintenance of Sensitive Equipments

A transformer has been installed in the campus to overcome problems due to voltage fluctuations and a generator of capacity 55KVA supplies power in the whole campus ensures fulltime electrical supply in laboratories, seminar halls etc. All computer labs have back-up facility. The electronics labs are equipped with voltage regulators for the protection of sensitive devices. Two ponds and a well, along with rain water harvesting mechanism ensure constant supply of water.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

Prospectus and Handbook

Updated versions of the College prospectus and hand book are brought out annually. The Prospectus, which is given to prospective applicants, provides information about the College, various courses offered, fee structure and rules of admission. The handbook includes a chronicle of the College, the general time table, details of residential facilities, student services, extracurricular activities and teachers in charge of each activity. In addition to the information in the prospectus, the calendar cum handbook gives the rules and regulations of the College, regulations against ragging and use of mobile phones (as directed by the UGC), details of syllabi of courses offered, pattern of evaluation, financial assistance and scholarships available to students of various departments, various subject associations, different programmes organized in the College and the academic calendar. The calendar cum handbook also includes a staff directory. The College website provides information about the various departments, academic programmes, co-curricular/extracurricular activities and important announcements.

The academic calendar and prospectus are revised every year in keeping with the schedule of the University calendar. The handbook is distributed to all the students and they are expected to be aware of the information provided therein. The GRC, PTA, learning journal and the annual student feedback ensure accountability.

Financial Assistance Received by Students from Government and other National Agencies

Every effort is made to procure financial assistance from Central/State and other agencies for needy and deserving students. The staff in charge of the Equal Opportunity Cell attends government organized orientation sessions on availing and disbursal of scholarships instituted by the central and state governments as well as the UGC and other agencies. In 2011-12 a total amount of Rs 2,47,500/- was given to twenty SC/ST/OBC and Minority students per month under 'Colleges with relatively higher proportion of SC/ ST Minority' scheme of the UGC.

The various Scholarships include the Central government scholarship, Sports scholarships, State government scholarships (Post metric, State merit, Higher education, Muslim Girls, Kerala State Suvarna Jubilee Merit, KPCR and Pratibha) and other scholarships like University merit and Fisherman scholarship. Stipend from Harijan Welfare Department for students of SC/ST categories are directly credited to their personal bank accounts. Sports students

receive scholarships from the University and also from the Government of Kerala. The details of the scholarships are furnished below.

Table 5.1(a) Central/ State Government scholarships

Scholarships	2008-09		2009-10		2010-11		2011-12	
	No	**Amount**	**No**	**Amount**	**No**	**Amount**	**No**	**Amount**
Central	-	-	5	50,000/-	-		1	10,000/-
State Higher Education	-	-	-	-	2	24,000/-	36	5,04,000/-
Suvarna Jubilee	27	2,70,000/-	23	2,30,000/-	21	1,92,500/-	23	2,30,000/-
State / University Merit	2	3,950/-	1	20,000/-	-	-	-	-
Post Metric	1	1,760/-	25	1,70,150/-	169	3,21,000	303	5,92,500/-
Muslim	-	-	3	9,000/-	3	9,000/-	34	89,250/-
PH/Blind	-	-	-	-	1	5,710/-	2	11,710/-
Muhammad koya/Hindi	-	-	-	-	10	40,000/-	4	24,000/-
KPCR-State	281	4,57,446/-	367	11,22,216/-	391	4,69,956/-	440	6,38,106/-

Table 5.1(b) Sports Scholarships

Year	MG university sports scholarship		University Merit Award for All India Interuniversity Winners	
	No. of students	**Amount in Rs.**	**No. of students**	**Amount in Rs.**
2009-10	24	68,500	22	29,000/-
2010-11	27	65,500	10	16,000/-
2011-12	40	1,12,500	10	38,000/-
2012-13	-	-	13	33,000/-

*An amount of **Rs.12,34,500/-** was received as **Prize money** by Sports students from the Government of Kerala during 2007-12.*

Institutional Scholarships / Freeships disbursed during the last four years

In addition to this, the College has instituted different kinds of financial assistance to students based on their academic and financial background, excellence in sports and games, cultural activities and leadership qualities.

Table 5.2 (a) Details of Institutional Scholarships

Sl No	Scholarships Instituted by	Number	Amount / annum Rs
1	College management & Departments	37	2,200/-
2	PTA	1	1,000/-
3	Teachers	11	11,500/-
4	Alumni	34	1,42,000/-
5	Other benefactors	7	12,100/-
6	Staff Association	8	4,050/-
7	RETAAC	1	2,000/-
8	Non-teaching Staff	3	300/-

Table 5.2(b) Free food /Accommodation provided in the hostels

Items	Number of Students			
	2009-10	2010-11	2011-12	2012-13
Free food and Accommodation	25	20	20	25
Free noon meal	38	30	48	45

Table 5.2(c) Freeships given to Sports Students

Freeships	2008-09	2009-10	2010-11	2011-12	Total
No. of students granted free accommodation in the hostels	77	85	82	85	329
No of students granted free mess in the hostel	41	41	33	39	154
No of students whose tuition fee is waived	77	85	82	85	329

Specific Support Services Available for:

- ✓ ***Students from SC/ST, OBC, Economically Weaker Sections/ Students with Physical Disabilities and Overseas Students***

The Equal Opportunity Cell, with one faculty member and support staff in charge, briefs students on the financial assistance they can avail of, and disburses on time the government and university funds available for them. Special fees and PTA fund are not collected from SC/ST students. Fee

concession is granted by the Management for the economically backward and for sports students. Using funds raised by teachers and students one house was constructed and eleven houses were renovated for needy students. Charity funds of the Departments are utilized to meet the expenses of study tours, purchase of books and stationery and travel fares. Special attention is given in availing the UGC funds (for colleges with higher proportion of SC/ST/OBC/Minority) and disbursing it to the eligible students. In the case of self- financing courses, economically weaker students are granted fee concessions and complete fee waiver with the help of the contributions of sponsors. Remedial coaching and coaching for competitive examinations are offered for them with the assistance of UGC and other agencies.

Differently abled students are given reservation (3%) during admission and after admission they are given adequate support system for exploiting their potential to the maximum. The support systems include special infrastructure facilities like special seating arrangements. Rooms on the ground floor are allotted to them in the College as well as in the hostel. They are given extra attention and coaching. The College has a low percentage of overseas and NRI students. Residential facilities are provided to outstation students.

✓ ***Support for Students to Participate in National /International Competitions***

Training is given to students who participate in national and international competitions and expenses for the same are partly met. Accommodation and contingency expenses of such students are met by the College management. Teachers in charge accompany students and college conveyance is arranged whenever necessary.

Table 5.3 Amount spent on students' participation in national/ international competitions

Year	**2008-09**	**2009-10**	**2010-11**	**2011-12**
Amount in Rs	2,97,379/-	2,18,865/-	3,15,252/-	1,92,331/-

✓ ***Medical Assistance to Students: Health Centre, Health Insurance***

Departments take the initiative to meet the medical expenses of the needy students and sometimes of their family members also. There is a doctor on call and a nearby hospital under the same management for emergency needs. Medical check up is mandatory for final year students. The Kerala Sports Council gives financial assistance to sports students who suffer from injuries. Preventive medicines are distributed to students in times of epidemics. Awareness classes on health issues are conducted and medical camps are arranged within the campus.

✓ ***Coaching Classes for Competitive Examinations***

Coaching classes are arranged for MAT, CAT, Bank tests, PSC tests etc. with expert faculty from outside. The Community College offers special coaching classes for PSC tests and Bank tests for dalit students.

✓ ***Skill Development (spoken English, computer literacy etc.)***

The HR department gives regular soft skill sessions for all students apart from an enrichment module for students according to their competency levels. The English Department offers a Language Improvement Programme for students to improve their spoken English skills. The Computer Science department in association with the College Computer Centre and APACC Computer Centre offer short term computer literacy modules as well as advanced computer programmes for all students. There is also a Certificate in Computer Literacy programme under the convergence scheme of IGNOU.

✓ ***Support for Slow Learners***

The teacher in charge of remedial coaching co-ordinates remedial sessions for slow learners. Tutorial sessions are also given to them. They are given extra time to complete practical sessions and peer learning is encouraged with advanced learners as group leaders. During the XI Plan of the UGC, Rs. 5,09,500/- was utilized for the conduct of remedial classes for SC/ST/OBC/minority students.

✓ ***Exposure of Students to Institutions of Higher Learning/ Corporate/Business Houses***

On- the-job training and field visits are arranged for students in prestigious institutions and all the Science departments have periodical visits to research centres such as Rubber Research Institute of India, Tropical Botanical Garden and Research Institute, Dairy Training Centre and Indian Institute of Fisheries. Students are accompanied by faculty and college conveyance is arranged for group visits. PG students are encouraged to use the facilities offered by research institutes and university libraries for their project work.

✓ ***Publication of Student Magazines***

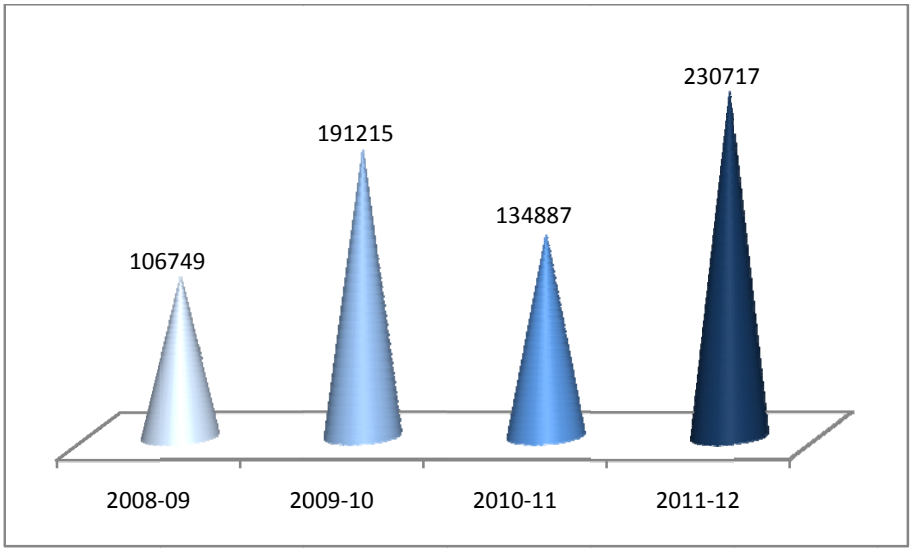
There is a College Magazine published annually, apart from the class magazines and manuscript magazines brought out by students of English, Malayalam, History, Zoology and Botany. Students of BA Communicative English bring out a campus newspaper as part of their training in Journalism.

✓ ***Personality Development***

The college offers various life guidance programmes to promote the all-round development of its students. Premarital courses are arranged for every batch of final year students. Annual retreat and value education programmes conducted for different religious groups help in the spiritual

formation of students. The HR department conducts personality development workshops and seminars for the students.

Amount Spent on Value Education



Impact of Institutional Efforts to Facilitate Entrepreneurial Skills among Students

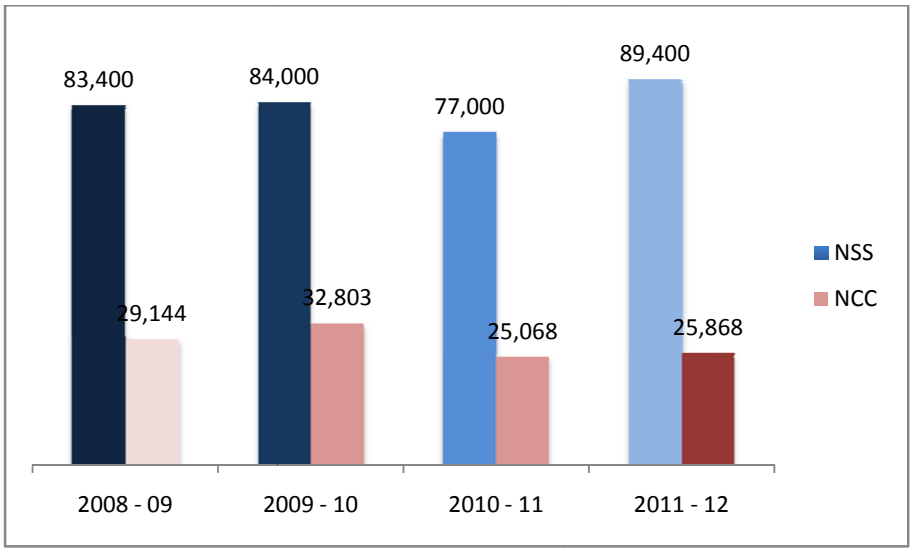
Most of the departments conduct enrichment modules which help the students in developing their entrepreneurship abilities. The food fest and exhibition by Home Science department and exhibition cum sale by the Fashion Technology department, stalls put up in connection with Mission Day etc. help students to earn and learn. The various enrichment modules and add-on courses are offered to improve the career prospects of students. The Entrepreneurship Development Club promotes the spirit of self-employment. The Club has instituted Entrepreneurship Excellence award to recognize women entrepreneurs. Visits to neighbouring co-operative societies, farms and other voluntary agencies motivate the students to seek self-employment. The Assumption Food Processing Incubator funded by the Directorate of Industries and Commerce and training in Mushroom cultivation and training modules offered in the Community College enable students and local women to start their own enterprises. The Business Incubation Centre for Women started in the Community College, the southern wing of FIWE and the Assumption Fashion Boutique are aimed at promoting entrepreneurial skills of the students. The College has also taken steps to initiate alumnae members into entrepreneurship through the above ventures.

Institutional Policies to Promote Student Participation in Extracurricular and Co-curricular Activities

It is ensured that students who take part in NCC and NSS camps, sports and games, and other extracurricular activities do not suffer from attendance shortage. Students who lose classes are free to approach teachers during and outside college hours to make up for the loss. Special coaching is given to such students. The science departments arrange extra practical sessions for them. They are permitted to take time off for practice and rehearsals, and retests are given to them if they are absent for internal examinations. Extended time is allowed for them in the submission of assignments if required. Extra tuition sessions are arranged for sports students by the Physical Education Department. Special arrangement is requested to the University for conducting semester exams for sports students whenever they miss the examinations. Various clubs and departmental associations functioning in the college help to promote the participation of students in extra curricular activities. One learning hour/week is allotted for club activities.

Free refreshments are supplied from the college canteen for participants and trainers during rehearsals before intercollegiate fests and youth festivals. Special nutritious diet is served for sportswomen and NSS and NCC volunteers.

Amount spent on NSS and NCC activities



The College avails of the full time services of professional coaches deputed by the State Sports Council. Sports uniforms and track suits as well as prizes for outstanding sportswomen are procured through sponsorship.

Announcements are made through the public address system and put up on the notice board to congratulate and encourage students who distinguish themselves through achievements in curricular and extracurricular fields. Rank

holders and other outstanding achievers are honoured in a public function on Merit Day. Students who distinguish themselves in international and national sports meets are felicitated in the College. All expenses for training, costumes, travel and participation are borne by the institution in the case of students participating in group events in youth festivals etc. Facilities such as separate halls, auditorium, audio visual aids, ICT facilities etc. are available for training and practice in co-curricular and extracurricular activities. Whenever necessary, hostel accommodation is also provided.

Support and Guidance Provided to Students in Preparing for Competitive Examinations

The Career Orientation Cell provides coaching for competitive exams such as MAT, Bank tests and PSC tests. External and internal trainings are arranged for final year students to help them face placement drives, interviews and Group Discussions. In addition to this the department of Mathematics offers short term modules in numerical ability and logical reasoning. On an average 45-50 students benefit from the coaching annually. Sixty students have passed NET during 2007-2012.

Table 5.4 Number of students benefited from coaching for various competitive exams

Course	Number of Students Benefited			
	2008-09	2009-10	2010-11	2011-12
MAT	50	56	28	18
PSC/Bank test	45	60	61	30

During the XI Plan of the UGC, Rs. 6,93,000/- was utilized for the conduct of Coaching for Competitive Examinations for SC/ST/OBC/minority students.

Counseling Services Available to Students

A mentoring programme has been introduced to ensure the psycho-social welfare of students. A faculty mentor is assigned to thirty students and a regular session is allotted for mentoring once a week, though students are free to approach their mentors at all times. The mentor provides timely help to students with problems like poor academic performance, family and relationship problems. Through mentoring, students get intellectual, academic and psychological assistance from teachers. Students who need professional help are referred to the Counselling Cell by their mentors.

The College has a Counselling Centre with two professional full time counsellors. The Guidance and Counselling Cell encourages students to utilize their potentialities, capabilities and creativity and to improve their interpersonal relationships. This in turn enables them to face the challenges and responsibilities of life with confidence.

Table 5.5 Number of students benefited from counseling in the last five years

Year	2008-09	2009-10	2010-11	2011-12	2012-13
No. of students	287	583	318	118	323
Amount Spent in Rs	54,539/-	31,000/-	15,000/-	11,000/-	29,500/-

Career Guidance and Placement Services

The Placement Cell in the College does a very good job in helping the students to procure the jobs they aspire for. Final year students are given the option to register their names with the Placement Cell so that they may be notified of suitable job opportunities. It organizes placement drives and career orientation programmes and sends students to placement drives in other institutions. Reputed firms like Wipro, Infosys, TCS, Accenture, HCL, public sector banks etc. have employed our students through campus recruitment programmes. The Career Cell also provides training in interview skills, GD, and soft skills by professional trainers. An amount of Rs. 2, 95,500 was utilized by the Career and Counselling Cell during the XII Plan period.

Table 5.6 Number of students selected through campus interviews

Sl.No	Year	No of placements	Employer
1	2007-08	28	HCL,TCS,Wipro ,Genpact,Satyam, IBM
2	2008-09	17	Idea, Wipro, Satyam, Postal Dept
3	2009-10	9	Infosys, UST Global, Fabindia, Postal Dept
4	2010-11	8	CTS, HCL, Wipro
5	2011-12	9	Wipro, US technology, TCS, Infosys
6	2012-13	28	SIB, Wipro, GICE, UST Global, Techwyes

Fifty two of our sportswomen have been placed in state and central government service in recognition of their performance at the national and international levels.

Table 5.7 Placement details of sport students

Year	No of placements	Employer
2007	18	State and Central Govt, KSEB
2008	4	ONGC, State and Central Govt
2009	12	State and Central Govt, KSEB
2010	8	State and Central Govt
2011	1	KSEB
2012	6	State and Central Govt, KSEB

Student Grievance Redressal Cell

The Grievance Redressal Cell, since its inception in 1998, functions as a forum to deal with and find solutions to the grievances and complaints of the students. The students can meet the teachers in charge of the Cell in person to submit their grievances or can deposit their complaints in the boxes specially kept for the purpose. The Principal and teachers in charge of the Cell meet the Electoral College once a month to discuss the issues that come up.

Table 5.8 Major grievances redressed over the last four years

Sl.No	Grievance	Redress
1	Inaudibility of the public announcement system	Additional speakers were installed in class rooms
2	To organise departmental PTA, apart from the annual general body meeting	All departments conduct separate parent –teacher meetings for each class
3	Improve facilities in the Physics laboratory	Worn out equipments were replaced with new ones
4	Career fest to be more effective	Career fest incorporated sessions from a wider variety of career fields
5	More competitions to be conducted on Sports Day, Arts Festival etc	Sports and Arts Days were conducted according to students' planning
6	Improve facilities for seating in the dining hall	Efficient seating arrangements were made in the dining hall, timing was specified for each class in the common dining hall during lunch hour
7	Lack of frequent bus service in Alapuzha- Changanacherry route	College buses were bought to ply in Changanacherry -Alappuzha route

8	Complaints about the library	Archives were set up to store back issues and old books, list of new arrivals is displayed, free internet and printing facility were made available in the library
9	Lack of variety foods in canteen	More variety of snacks was introduced in the canteen/cafeteria. Special menu is offered on Thursdays
10	Change the uniform from sari to salwar	The college uniform was changed from sari to salwar for the newly admitted students
11	Additional water coolers and ceiling fans	More water coolers were installed and additional ceiling fans were fitted in class rooms.
12	False ceiling needed in some classrooms because of hot climate during summer months	Installed false ceilings
13	Rest room for day students	Constructed Student Amenity Centre
14	Provision for Indoor games to be made available	Indoor games facility made available in Amenity Centre

Institutional Provisions for Resolving Issues Pertaining to Sexual Harassment

An Anti- Sexual Harassment Cell has been set up for the redressal of the problems faced by our students while traveling to and from the College. A complaint box has been installed in the campus by the police to help them in such cases. In case of nuisance, the police are informed and they embark on patrolling. There has been no incidence of sexual harassment reported in the campus. Awareness classes and programmes are organized by Kerala State Women's Welfare Forum and the Women Cell of Assumption College.

Anti-ragging Committee

Freshers are required to sign an undertaking, attested by the parent, against the practice of ragging in any form. According to UGC regulations, there is an anti-ragging and ethic committee, with the Principal as the nodal officer, to inquire into any issues of ragging that may arise. Charges of ragging are extremely rare and if any arise the committee conducts serious enquiries and resolves the issue in a peaceful manner.

Welfare Schemes made Available to Students by the Institution

Micro finance deposit scheme is made available for students through Changanassery Social Service Society. The college bus was purchased with financial assistance from NRI parents. Students take a voluntary collection on Fridays under the auspices of the Assumption Welfare Cell and the amount is used to fund the free noon meal programme. Charity funds are raised by students by setting up sales stalls as well as observing a fasting day annually. The teaching staff raised Rs. 2, 45,000/- towards the housing scheme for 12 needy students. Financially backward students are granted fee concession by the College, department association fee is waived and they are given uniform allowance. They can also commute at concessional rates by college bus. Many departments as well as the general library offer book bank facility and the PTA provides notebooks for needy students.

Table 5.9 Expenditure incurred by the College on student welfare

Year	**2008-09**	**2009-10**	**2010-11**	**2011-12**
Amount	31,260	29,212	19,485	19,260

The students who volunteer to participate in extracurricular activities like modeling for the craft documentation of the Fashion Technology department, conduct of sports day and other functions are paid a nominal amount. Students who assist in the library are also given remuneration.

Alumni Association- Activities and Major Contributions

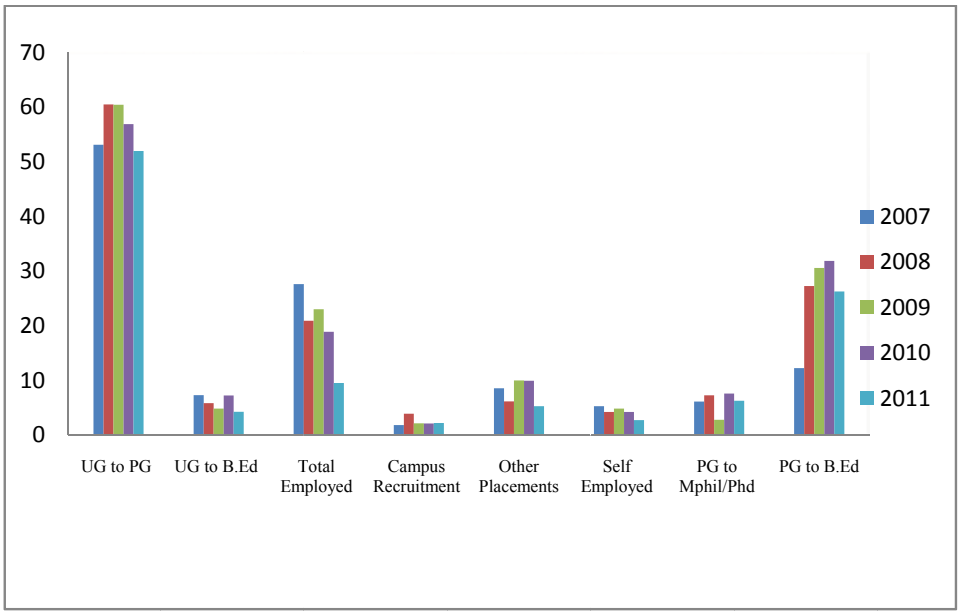
The Association of Assumption Alumnae (AASA) aims at fostering fellowship among the alumni and maintaining their continued contact with the College. It has chapters in the New York, Chicago, Kuwait, Qatar and in North India. Every year meetings of the alumnae association are held at college and departmental levels. At the end of the academic year all the outgoing students are enrolled as the members of the alumnae association. **Thirty four scholarships** for students, including the **Gold Medal for Best Outgoing Student**, have been instituted by our alumnae. The Chicago Chapter has instituted an annual **Best Alumna Award**, and there are other scholarships instituted by the alumnae of various departments and the chapters of the Association in different countries. The various departments conduct lectures by distinguished alumni for the benefit of students. At times well placed alumni are invited over to orient and motivate students towards higher study options, research and careers.

5.2 Student Progression

Most students go on to post graduation after their UG programmes. A majority of the outgoing PG students pursue B Ed and a few register for MPhil/ PhD. Apart from campus placements from UG programmes, PG students get employment in private and government firms. A good number of

Home Science/ Fashion Technology gradutes venture into entrepreneurship. That our outstanding sportswomen are placed in State and Central departments is a matter of satisfaction. Alumnae from the UG and PG departments also do us proud by acquiring research degrees. Our alumna Ms Sindhu M T qualified in the IES examination in 2011

Percentage of students progressing to higher education or employment



Details of programme wise Pass Percentage for the Last Four Years:

Refer Tables 2.13& 2.14

Promotion of Student Progression to Higher Level of Education/ Employment

Academics are given prime importance and all prescribed portions are dealt with thoroughly in class. As a result the College has a record of excellent performance in the university examinations and students get admitted to reputed colleges and institutes for higher studies. Distinguished alumni are invited for expert lectures and to orient students towards higher studies, research, competitive exams or career guidance.

The Career Orientation Cell and Placement Cell conduct Placement drives and Career fests to create awareness about viable career options and the avenues open for higher studies. The new-generation academic programmes offered by the College are all career oriented, as are many of the elective courses offered at the UG level. The Enrichment modules offered by the departments and coaching for competitive exams are meant to help students proceed to higher studies/employment.

Students who have completed teacher training are given all support to join in leave vacancies at schools so that their chances for permanent employment are not lost.

Special Support Provided to Students at Risk of Failure and Drop out

Students at risk of failure are given extra attention through tutorial sessions and remedial coaching. Simplified study materials are provided and retests are given. They are given extra time to complete practical sessions. As a result there are almost no dropouts. However students who cannot attend classes regularly in a semester due to illness or domestic circumstances are dealt with leniently—they are allowed to appear for retests and granted extra time to submit assigned work and special facilities at the time of examinations; they are also granted readmission. The Community College runs a day care centre and married students are encouraged to bring their children to the Centre so that there is no disruption in their academic programmes. Such measures ensure that students who wish to continue studies, are able to do so in spite of all hurdles.

5.3 Student Participation and Activities

Range of Sports, Games, Cultural and other Extracurricular Activities Available to Students

The College encourages and promotes the talents and interests of the students through well- functioning clubs like Music Club, Tourism Club, Debate Club, Theatre Club, Nature Club, Yoga Club, Film Club, Arts Club, Entrepreneurial Development Club, Quiz Club, Oratory Club and Folklore Club. Each club has a member of the faculty as an advisor. Every week one learning hour is utilized for various club activities. The various departmental associations organize inter collegiate, interdepartmental and intradepartmental seminars and competitions.

Table 5.13 Annual Intercollegiate Competitions conducted by the Departments

Department	Competition
English	*Zenith* literary fest
Physics	Physics quiz and power point presentation competitions
Chemistry	*Spark,* paper presentation
Botany	*Phyto-Edufest*, paper presentation
Zoology	*Voyage*, paper presentation
Home Science	*Nutritia*, quiz competition
Economics	*Oikonomia,* paper presentation and Quiz
Malayalam	*Samagrakeralam*, Quiz
History	*From Mutiny to Millenium*, Quiz
Staff Association	English elocution, Malayalam elocution

Intra collegiate competitions like Malayalam debate competition, Bible quiz competitions, cultural and literary competitions are conducted by various departments and our students participate in University Youth festivals. Union members, the Electoral College and a core group of advanced learners take the leadership in organizing arts fests and other extra-curricular activities. Students are also given the opportunity to represent the College in public cultural events such as variety entertainment programmes of other organizations.

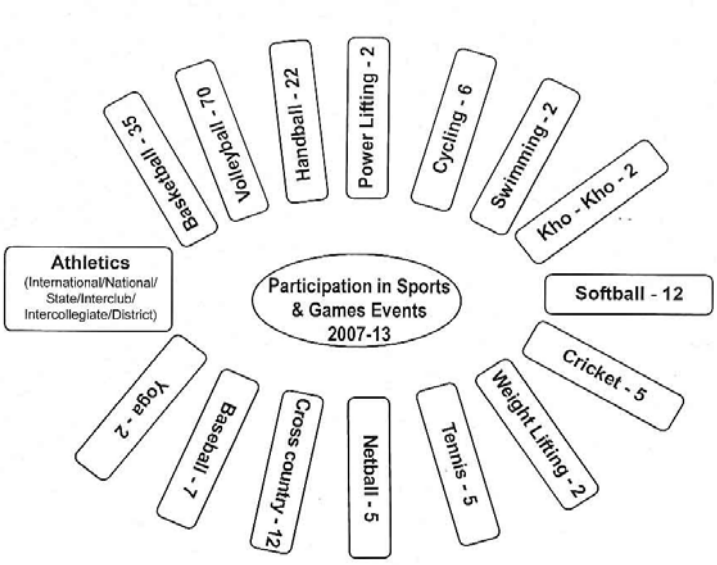
At present the NCC wing (army) of the College has two battalions with 108 cadets and there are two units of the NSS with 200 volunteers.

Sports and Games

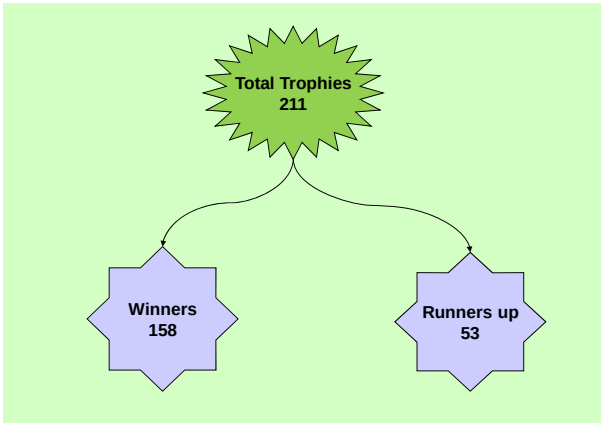
Assumption College has a rich legacy in the field of sports and games. Our outstanding athletes and players have bagged covetable prizes at international, national, interstate, inter university and intercollegiate levels. Inter collegiate Volleyball and Basket Ball Tournaments are conducted by the College every year. Eleven of our students have got the privilege of representing the country in various international competitions, in the last five years. The College provides sports kits to the athletes and players, gives cash awards and prizes, and meet all the expenses to take the team for various competitions in and outside the State. Our stars are accorded public receptions on their outstanding achievements in national/international meets.

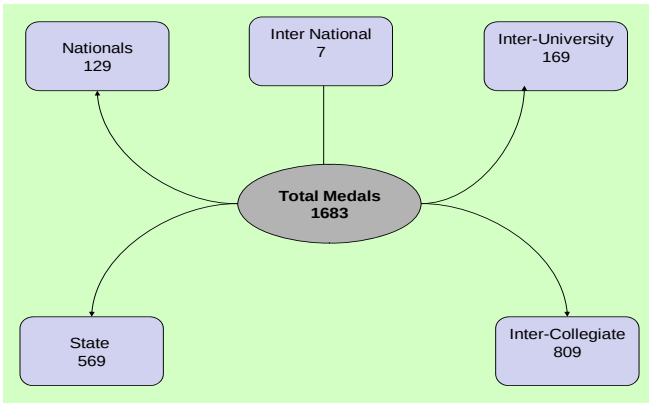
Annual sports day is conducted for the whole college and there are facilities for indoor games, yoga, aerobics, badminton etc.

Range of Participation - 2007-12



Total Number of Trophies and Medals Secured





Major Achievements in Sports and Games (2007-2012)

- Our students won **7 international medals** and participated in **12 international** competitions
- **Chithra K Soman**, our student, was distinguished with **Arjuna Award** in 2008
- The College won **Rajiv Gandhi Gold Trophy** and cash award of **Rs one lakh** for the **Champion College in the State**, instituted by the State Government, in the both years it was awarded

- The College bagged the **Malayala Manorama Trophy and cash award** of **Rs** 50,000/- for the **Best Sports Performing College in M G University in 2009, 2011 and 2012**
- **Renjini C A** was a member of the Indian team which won **Gold Medal in Handball** in **SAARC International Camp**
- **Vijila A** won **two Golds, one Silver** and **two Bronze medals** and a **Vth place** in **International Athletic** Meets
- Our alumna **Geethu Anna Jose,** ranked **No. 1 in Asian Basketball**, is the first Indian player to get professional membership in an **Australian** Basketball Club.

Table 5.14 Resources mobilized for sports and games

Source of Funding	2008-09	2009-10	2010-11	2011-12
Government fund for sports hostel students	8,32,525/-	9,03,125/-	1,09,155/-	15,97,900/-
State Government PD	1,34,025/-	1,29,009/-	1,78,155/-	1,73,190/-
Management	2,21,562/-	3,00,985/-	4,23,312/-	4,69,242/-
PTA	1,21,254/-	1,28,457/-	1,49,828/-	96,502/-
Other Agencies	1,64,500/-	1,66,000/-	1,89,500/-	1,89,500/-
Total	**14,73,866/-**	**16,27,576/-**	**10,49,950/-**	**25,26,334/-**

Table 5.15 Major student achievements in co-curricular, extracurricular and cultural activities at different levels for the previous four years

Year	National			State level				University Youth Festival
	Debate Quiz	Elocution	Others	Debate	Quiz	Elocution	Others	
2009-10	-	-	-	10	20	10	10	4
2010-11	-	-	5	-	26	8	18	2
2011-12	2	4	8	8	23	3	13	11
2012-13	-	-	-	12	43	8	26	3

Utilization of Feedback from Graduates and Employers for Quality Improvement

Alumnae meets are occasions to receive suggestions from the graduates regarding the improvements in performance and institutional provisions. This facility is available in the college website also. When students are sent on internships and on-the- job-trainings in various streams, feedback and suggestions are collected from employers. Suggestions from all these quarters are discussed and implemented wherever possible.

Wall Magazines, College Magazine, and other Publications/ Materials Brought out by Students in the Last Four Academic Sessions

The College takes special care in promoting the creative and artistic talents of its students. The College Magazine and the manuscript magazines of various departments give students an opportunity to foster their literary skills. Each department is provided with a wall magazine which gives the students opportunities to work in groups and exhibit their creativity. Prizes are also awarded to the best wall magazines to encourage students. Departmental competitions are also arranged to inculcate in students the spirit of healthy competition. The department of Malayalam has launched a website to give our students an opportunity to reach out to the public. Students of Communicative English and Journalism bring out campus newspapers highlighting the activities in the college. Major publication/materials brought about by the college and departments include the College Magazine-*Assumpta*, College Newsletter-*Acsent* and departmental newsletters. Manuscript magazine *OIKOS-2007* of Zoology department was awarded first prize in manuscript magazine competition conducted by the Zoological Society of Kerala; *Haritha* of the Botany Department, "*Pranavam*"-manuscript magazine of Malayalam department, *Historia* of the History Department, manuscript magazines of all three batches of BA English Literature and BA communicative English offer ample scope for students to bring out their creative and literary talents. *Kelikottu*- in house journal of Malayalam department and '*In Touch'* newsletter of Home Science department are two other publications brought out annually.

Student Council and Other Bodies with Student Representation

The College ensures that the students also have a role to play in its administration and Students' Council or the College Union is elected for this purpose. It comprises students from different streams and they all join hands together for the efficient and smooth functioning of the Institution and in boosting students' participation in co-curricular and extracurricular activities. All students are members of the Union. The Electoral College consists of representatives elected in the parliamentary method from all classes. Members of the Electoral College elect the executive body of the Students' Union as per University guidelines. The Students Union executive has a Chairperson, Vice Chairperson, General Secretary, University Union

Councillors, Editor of the College Magazine, Arts Club Secretary and representatives from all classes. The funding of the Union mainly comes from the students and our well wishers outside the campus. Our student was nominated as sports representative to the University Students Union this year.

The Electoral College meets once a month for evaluation and redress of students' issues. The services of NCC cadets and student volunteers are utilized for maintaining discipline as well as in the conduct of public meetings within the College. A core group of advanced learners are identified for such purposes. The union conducts youth festivals, literary competitions, beauty pageants, stage programmes, talent shows, musical concerts, Onam, Christmas and Kerala Piravi celebrations. Students are given representation in the IQAC and library committee. The prefects of the various classes in the hostels have an active involvement in decisions related to student welfare. The College Union Editor is in charge of the College Magazine. All the departmental associations have student secretaries who give leadership in conducting the activities of the associations including intercollegiate competitions and fests.

Networking with Alumnae and Former Faculty of the Institution

The Alumnae Association of the college (AASA) is keenly interested in the activities of the College. Alumnae can register their membership in the Association on the College website. Annual meetings of the Association are held in the College, and individual departments sometimes conduct get together of old students. The Alumnae Association of the Home Science Department has a newsletter that helps members to keep in touch with the College and each other. Our old students are the first members registered at the Assumption Business Incubation Centre for training in entrepreneurship. Alumna lectures are arranged for students in various disciplines by their respective departments.

An association of the former faculty of the institution (ReTAAC), with 96 members, makes it easier for the retired teachers to network with the College. They actively participate in the functions held in the College and departments.Their meetings and gatherings are held in the College and they have instituted a scholarship for the Best Outgoing UG Student. The Counselling Cell of the College avails of their services in its efforts to give psycho social guidance to students. Retired faculty have also served as programme coordinators and advisory board members of the Community College.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

Vision, Mission and Distinctive Characteristics of the Institution in Addressing the Needs of society

Vision

To maintain the highest academic standards upholding the noblest Christian ideals and moral values to create enlightened, empowered and socially committed women.

Distinctive Features Defined by Mission Statement

Assumption College, being a women's college situated in Central Kerala, all its activities chiefly focus on educating women to make them globally competent and empowered enough to contribute to community building. In keeping with the vision of the founding fathers, the College makes every effort to educate women from all sections of society. Maximum access is given for students from socially and economically backward sections. In the last decade a number of new generation job-oriented programmes were introduced to facilitate employment opportunities. A distinctive attraction of the College is the seven hostels attached to it. About 850 students reside in the hostels, which promote value oriented social life, while giving the inmates every opportunity to develop their leadership qualities and extracurricular abilities. They offer a safe haven for students from abroad.

A large number of students from migrant families of Malabar area and rural agrarian region of Kuttanad prefer to be educated in this institution which provides a fertile ground for academic excellence and character formation. The location of the College also provides easy access to students from different areas.

Opportunities are provided for drop outs and women of all ages to undergo vocational training through the Community College which offers job oriented short term courses. The Community College also encourages prospective women entrepreneurs to avail of the training provided by the Business Incubation Centre. The college involves the local community in the process of society building.

The College tries to encourage a research culture in the campus through engagement in research projects and doctoral studies, publication of College Research Journal, and conduct of conferences and seminars. The College became a partner institute of IGNOU offering part time and vocational /technical courses with a view to train youth for employment. An Equal Opportunity Cell set up in the College aims to make higher education 'affordable, accessible and equitable' through financial assistance and

scholarships for minorities, backward communities and the physically challenged.

The development of an integrated personality is aimed at through extracurricular activities, life skill programmes, annual retreats, and charity projects. The College envisions the emergence of young leaders and independent women who are capable of catering to the needs of the changing society. Through regular value education and life guidance seminars, the College seeks to mould women who can set up successful families in the wake of the pervasive moral decline in society.

Assumption is also renowned for its outstanding performance in sports and games, producing a number of international players and athletes including an Arjuna Award winning Olympian.

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

The Patron of the College is the Archbishop of the Archdiocese of Changanacherry. The Managing Board, with a three-year term, is in immediate and overall charge of the affairs of the College especially the financial and broad policy matters. The Managing Board consists of the Patron, Manager, Principal, Vice-Principal, Bursar, the Procurator of the Archdiocese, at least three experts from different fields and two staff representatives—one elected by the staff and one nominated by the management. The Managing Board usually meets twice a year and more often if necessary. The Patron and the President of the Managing Board visit the College and meet the staff on all important occasions and whenever any special issue arises.

The head of the institution is the Principal who takes final decisions in the routine affairs of the College in keeping with the policies of the management. On the administrative side the Principal is assisted by the Vice Principal. All the major decisions and policy changes are implemented in consultation with the Managing Board and Staff Council. The Staff Council is a statutory body which consists of the Principal, Vice- Principal, Librarian and Heads of all departments. The Staff Council meets once a month or more often. Meetings and discussions at various levels ensure transparency and co ordination in organisational and administrative process and involves the participation of all concerned. The heads of the departments who are members of the Staff Council consult their respective faculty members who put in suggestions. Important issues are discussed at the general body meetings of the associations of teaching staff and non teaching staff and this guarantees the involvement of faculty and support staff in all major decisions taken.

Quality initiatives suggested by the Departments are brought to the Staff Council and IQAC. After discussion, practically possible suggestions are forwarded to the Managing Board for approval. Policies are implemented

through different committees after approval is granted. At the end of every year the Manager and Principal visit all the departments for an internal audit. Interactive discussions at various levels offer easy access to the top management and Principal.

Table 6.1(a) Number of management/faculty meetings in the last year

Managing board		Staff Council	IQAC	Staff Association Executive	Staff Association Gen. body	Wardens Council
Core Committee	Full Members					
Once in 2 weeks	2	18	12	**20**	10	15

Table 6.1(b) Frequency of student meetings in the last year

Common Assembly of Faculty & students	Electoral College	Prefects	Union Executives	Association of Club Leaders
14	4	8	20	2

Involvement of the leadership in ensuring:

- ***The policy statements and action plans for fulfillment of the stated mission***

The Patron and the Manager occasionally meet the staff Council and the departments individually to review the academic performance and efforts taken for the overall development of students. Each department has a monthly action plan which is communicated to other departments through the Staff Council. Based on this, a general action plan is drawn for the College. Important suggestions regarding policy changes are discussed by the Managing Board to ensure its relevance to the mission of the College. New initiatives are also put forward by the Managing Board.

- ***Formulation of action plans and incorporation of the same into the institutional strategic plan***

Institutional activities for the year are carried out based on the action plan drawn up at the beginning of the academic year taking inputs from staff and students at the close of the previous year. Each academic year, about fifty committees are formed to carry out the institutional action plan.

- ***Interaction with stakeholders***

The Manager, Principal and staff interact with stakeholders including parents, alumnae and retired faculty in the periodic meetings of their associations. Review is also solicited from firms and industries where students

undergo OJT. The Students Union, the Grievance Redressal Cell and Non Teaching Staff Association also ensure interaction of the leadership with students and support staff. The Community College helps in the interface between the institution and the community, local governing bodies and NGOs.

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

The Institution has a student friendly policy of a brain storming session being conducted by the Principal at the beginning of each year. Their inputs and suggestions are exhibited on class wise basis. Participatory departmental appraisal of all departments is done by students of BBA, MBA and Social Work. The PTA and Alumnae Association put forward proposals for improving student support services. Through the initiative of the PTA, MP fund was sanctioned for solar power plant. The Association also funds counseling services offered to students. Need analysis of each department is done by the Principal and IQAC. The Management gives full support for planning and implementation of the proposals. An evaluation of the resources and performance of each department is presented in the staff general body meeting. Feedback on teaching and internal and external audit of various departments is used for policy formulation and planning.

- ***Reinforcing the Culture of Excellence***

The College aims to reinforce excellence through various strategies like visiting premier institutions, honouring top achievers and conducting Meet Excellence Series. The management is keen to offer all support for enhancing the quality of the College in all fields and makes maximum utilization of funds for augmenting and updating learning resources and infrastructure, and takes care to recruit competent faculty strictly on the basis of merit. The coaching programmes, value added programmes, HRD, Career Orientation Cell, etc are entrusted to the directorship of faculty members

- ***Champion Organizational Change***

The Principal, Vice Principal and IQAC coordinator attend conferences related to quality improvement in academics/ administration and share their experiences and knowledge gained with the staff and students. Bottom up approaches ensure a decentralized pattern of governance. To achieve this end, some of the organizational changes introduced by the Management are: appointment of Vice Principal as the Director of Community College, a faculty member being entrusted with the duty of Bursar, retired faculty being appointed as programme coordinators of self financed courses and the Community College. Conscientisation and sensitization of students about cross cutting issues are done through campaigns, opinion poll, field visits, observation of internationally important days etc. The management involves faculty representatives in the decision making process and

administration. International collaboration, and Business Incubation Centre for Women Entrepreneurs are new ventures initiated by the management.

Procedures Adopted to Monitor and Evaluate Policies and Plans for Effective Implementation of Programmes

The PIME (Planning Implementation Management Evaluation) approach is adopted by the College to ensure quality. Every academic year a pre-planning session is conducted for this purpose. The Principal makes a presentation of the activities of the previous year and the projected plans for the coming year at the Managing Board meeting at the start and close of the academic year. Based on this, the members may suggest improvements and changes which are monitored and followed up in the subsequent meetings of the Board. At the end of the academic year the Principal delegates faculty committees to evaluate the activities of the departments, sub units and support systems. Reports are submitted by the committees for review by the Principal and IQAC. Annual review reports are presented at PTA and Alumnae meetings and on College Day. Meetings of the Staff Council and Staff Association are held regularly and required changes in day to day activities are discussed and implemented. The IQAC meetings also provide opportunities for effective implementation of plans and policies. The executive body of the Students' Union convenes meetings of the Electoral College to discuss and make suggestions regarding the programmes to be introduced for the overall development of students. The various suggestions that emerge in the meeting are conveyed to the Principal for consideration and implementation. Student feedback taken through the IQAC and GRC also contribute to changes. Preparation of the Annual Quality Assurance Report is also a way of evaluating the performance of the College.

Monthly meetings of hostel wardens with the Principal and Vice Principal and term-end meetings with Manager and Principal help in evaluating and improving the services offered by the hostels.

Channelizing Leadership at Various Levels by the Top Management

The College adopts a decentralized system for participatory management to ensure academic and administrative efficiency at all levels. Teachers direct and co-ordinate academic and extracurricular activities and share administrative responsibilities in keeping with their qualification, seniority, experience and abilities. The Staff Council is an apex body for decision making and assists the Principal in policy formulation and implementation. The Heads of the Departments are entrusted with administrative duties relating to their departments and the institution. Orientation sessions, leadership and personality workshops are arranged for the staff from time to time. Responsibilities are delegated to the associations of the teaching and non teaching staff.

The Institution grooms leadership at various levels starting from students. The Students Union, Electoral College, Class prefects and secretaries of the department associations and different clubs take leadership in conducting their respective programmes under the guidance of teachers in charge. The student leaders of hostels have a voice in the day to day running of the hostels.

Decentralized Governance

The Vice Principal and administrative staff assist the Principal in administrative matters for the smooth functioning of the College. The IQAC takes initiatives for quality improvement. The Heads of the Departments are given autonomy in matters dealing with their departments. They take decisions in the routine running of the department - allotment of work, timetable, distribution of duties in extracurricular activities, conduct of internal examinations, attendance of students, matters of student discipline etc. Only extraordinary cases are referred to the Staff Council. However the Principal is informed of any changes in these areas and the decision of the committee led by the Principal is always final. The departments are run in a more or less uniform manner as common decisions are arrived at in the Staff Council. The Community College which coordinates extension activities has autonomy in organizational and academic matters.

Promotion of Participative Management

Issues relating to the department are discussed in frequently held department meetings. All members are welcome to contribute their suggestions which are taken into consideration. Decisions on matters of common interest are arrived at in IQAC and Staff Council meetings. At times feedback from the departments are conveyed by the Head to top management. Student admissions are made by an admission committee comprising the Principal, heads and teacher representatives of the respective departments. Student leaders are involved in discussion of issues pertaining to the student community and their active involvement is ensured through bodies such as Electoral College, College Union, GRC, CSM, NSS, NCC, and various clubs.

6.2 Strategy Development and Deployment

Development, Deployment and Review of Quality Policy

The quality policy of the Institution is stated in the vision and mission of the College. It is developed through the perspective plan at the beginning of each year; action plans are drawn up by the departments and implemented. They are reviewed through feedback from stakeholders, internal and external audit, considering the needs of the time and discussions at year end. The introduction of new courses, appointment of efficient and qualified faculty, maintenance and upgradation of infrastructure and learning facilities, provision for excellent support facilities etc are some of the ways in which academic excellence is ensured.

Aspects of Perspective Plan for Development

Perspective plans for development are drawn up at the beginning of a year. In the process, the vision and mission of the College are kept in sight. The thrust area identified by NAAC, the higher education policies of the UGC and Government are also considered. Perspective institutional plan is made by the management after discussion at various levels in a participatory manner. Every year the College focuses on a specific area for improvement and mobilizes resources accordingly. The following have been the thrust areas in recent years:

- 2008-09 -- Promotion of values
- 2009-10 – Concern for the less privileged
- 2010-11— Environment issues and eco friendly practices
- 2011-12 -- Infrastructure development
- 2012-13 —Women empowerment and entrepreneurship promotion

Quality Improvement Strategies

- ***Teaching & Learning***

The best available faculty are recruited, strictly on merit basis. An academic calendar drawn up at the beginning of the year is closely adhered to so that the syllabus is completed in time and internal evaluations are done according to schedule. The management ensures that faculty avail of the maximum available quota for PhD/MPhil under FDP of the UGC. Infrastructure and learning resources are enhanced and maintained/ updated in a timely manner. Classrooms, laboratories and library are well equipped. Each department is provided with ICT facilities so that audio visual aids are utilised in teaching- learning. Departments are given all support to conduct seminars

and workshops and teachers are encouraged to participate in external conferences and workshops. Advanced learners and slow learners are catered to in different ways so that all students may use their maximum potential. Student feedback, Teachers work Diary and Students Learning journal are mechanisms for monitoring the teaching learning process.

- ***Research & Development***

The Research Promotion Council of the College brings out research journal and aims to provide guidance to teachers for pursuing research and applying for research projects. Student research projects are given infrastructural and technical assistance. Expert lectures are arranged frequently by all departments. The Computer laboratory and library with INFLIBNET facility are meant to help teachers and students utilise these beyond their regular academic requirements.

- ***Community Engagement***

Apart from regular NSS, NCC, Youth Red Cross etc, the College has a scheme called Open NSS through which all students are given opportunities for personality development through community service, without the stipulations demanded by NSS. A number of projects/surveys on socially relevant issues and problems are undertaken by the College. An important step taken up by the Institution is the establishment of a Community College attached to the College, with a view to step up and centralise the extension activities of the different departments.

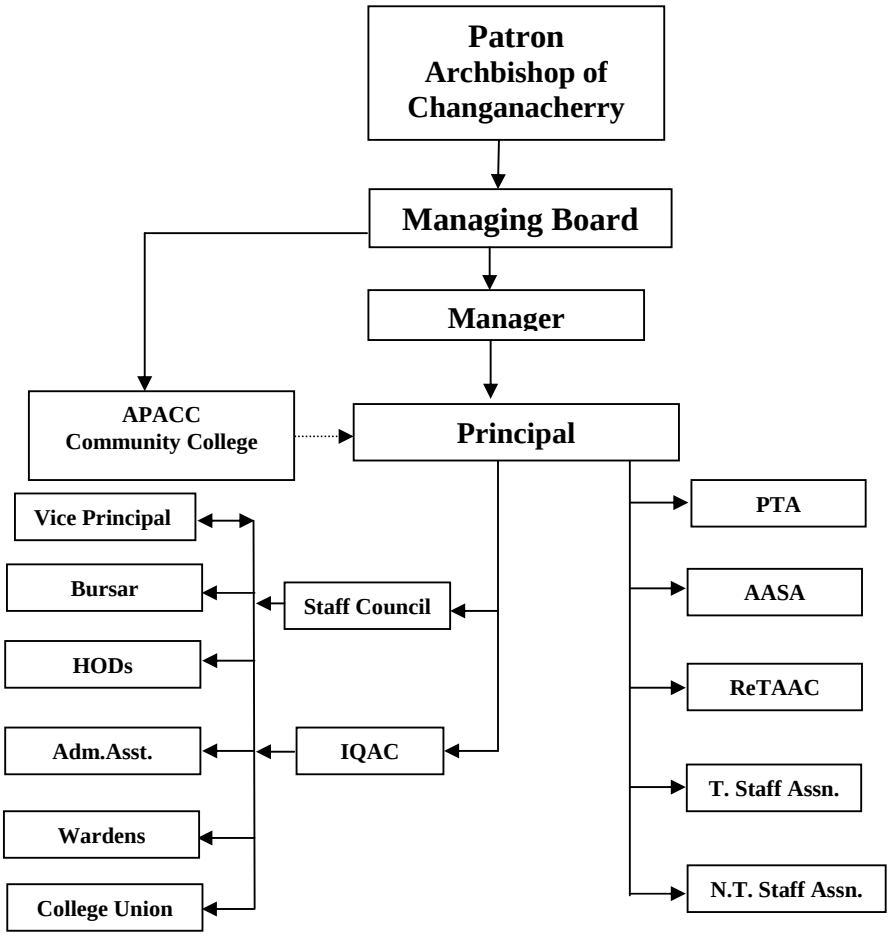
- ***Human Resource Management***

Inhouse HR programmes are arranged annually for the faculty and students. These include motivational talks, soft skills training and stress management sessions. In self financing courses, efficient and experienced faculty are appointed by the management, in addition to those in the regular vacancies sanctioned by the government. Experienced staff are retained with stage wise increase in pay scales. Guest teachers on contract are permitted to take breaks to pursue higher studies or maternity leave.

- ***Industry Interaction***

The Career Orientation and Placement Cell of the College organise career fests and recruitment drives by reputed firms to guide students in their choice of career options. In programmes where internship and on the job trainings are mandatory, students are sent to prestigious firms so that they will get positive exposure to their field of interest and better prospects for employment.

Internal Organisational Structure



Ensuring Availability of Information for Review by Top Management and Stakeholders

The management and the Head of the institution review the activities of the institution through meetings with staff, staff council, reports of IQAC, and presentation of the reports of various activities by coordinators of the committees from time to time. Annual evaluation of these by IQAC is used to make necessary changes while planning the following year's activities. The Principal personally meets GRC members, class prefects, and student leaders at least once a month. Hostel Wardens' Council meetings help in matters concerning hostels. Meetings of the Alumnae Association and PTA as well as feedback from parents are utilized to assess the activities of the institution.

Management Support to Staff in Improving Effectiveness of Institutional Processes

The Management encourages the involvement of teachers through many ways. Faculty representatives are included in many of the managing bodies like Managing Board, Planning Board, Building Committee, staff selection committee, pastoral council, and other advisory bodies. The administrative abilities of teachers are utilized by appointing them as coordinators of unaided programmes, and various activities of the Community College. The management invests in human resource enhancement by encouraging teachers to participate in quality related programmes in the field of higher education. Staff are assigned charge of almost all activities for the effective and smooth running of the institution.

Resolutions made by the Management Council

A postgraduate course in Textiles and Fashion was launched under the Innovative Programme scheme of the UGC. Experts from the fashion industry have been employed on contract from Frankfurter School of Fashion, Germany, and Senior Expert Services, Germany to expose the students to technical expertise on an international level.

Further, as per the resolution of the Managing Board, 3 UG and one PG programme have been applied for and sanction from the State government is awaited. With a view to step up research activities, the college applied for funding under FIST programme from the Department of Science and Technology, and an amount of 67 lakhs was sanctioned. Four major projects were applied for and three have been sanctioned. Nineteen teachers are now pursuing research. To enhance extension and community oriented activities, an Incubation Centre is being launched at the Community College to facilitate local women who wish to start businesses of their own. Tie ups with the Federation of Indian Women Entrepreneurs, NGOs, Kerala Chamber of Commerce and Social Business Women (an organization of women entrepreneurs in Germany) have been initiated for this purpose. A number of

environmental projects have been implemented in a bid to instill eco friendly attitudes in students.

Provision for According the Status of Autonomy

Though granting of autonomy to the College was strongly recommended by the NAAC peer team on its last visit, in the present scenario neither the University nor the State government has a policy of granting autonomy to affiliated institutions. So far no affiliated college has been granted autonomy by the State government. However, proposals have been sent in previous years to the **UGC** for this purpose.

Grievance Redressal Mechanism for Promoting Stakeholder Relationship

Common complaints of a general nature are brought to the attention of the Principal and these are promptly redressed. There is an effectively functioning GRC in the college for the redressal of student grievances which may also be conveyed through the Electoral College or Students' Union. Though suggestion boxes for teaching/non teaching staff are available, any grievances they may have are usually redressed individually, or through the associations of the respective groups. Feedback is received from parents and alumnae during open house and the meetings of the respective associations.

Court Cases in the Last Four Years

The College had filed a case for getting recognition as a Minority Institution and the case was ruled in our favour in 2011 by the Supreme Court. The College was also a party to the petition filed in 2010 for permission to conduct the elections to the Students' Union in the parliamentary mode.

Mechanism for Analyzing Student Feedback on Institutional Performance and the Outcome

Student feedback on institutional performance is received through the GRC as well as the annual feedback taken from student representatives by the IQAC. The former is taken up by the staff in charge of GRC and resolved. The latter is discussed with the Principal/in the Staff Council/IQAC and relevant steps are taken.

6.3 Faculty Empowerment Strategies

Efforts to Enhance Professional Development of the Staff

The management encourages staff participation in Refresher and Orientation courses, seminars, conferences, workshops etc, both subject-related and general. In house orientation programmes are organized for newly appointed faculty. Funds available from the UGC for competence building initiatives are utilized to the maximum extent. All departments get full support for the conduct of academic seminars/conferences, and undertaking major and minor projects, exploring assistance available from outside agencies as well. The resources and facilities of the College are extended to all departments for

the conduct of the same. Linkages, collaborations and consultancy with NGOs and other agencies are encouraged. FDP is availed by the faculty. The non teaching staff of the college are delegated to attend training programmes to improve professional competency in their different fields such as income tax processing, pay roll software, scholarship processing, employee PF etc. Experts in these fields are invited over to train staff and clear their doubts. They are given training in the use of ICT in the college computer institute.

Strategies for Faculty Empowerment

Linkages, collaborations and consultancy with NGOs and other agencies are encouraged. FDP is availed by the faculty. Faculty of many departments are members of local, state, national and international professional associations. As a result of this, a number of programmes and contests of these associations are conducted in the college, involving staff and students.

Student evaluation of teachers is taken into consideration in arranging programmes for staff development. The Staff Association conducts orientation classes /seminars on topics such as neuro linguistics, clinical psychology, legal awareness, higher education policies etc. Annual retreats and renewal programmes are held.

The faculty are trained in computer and use of audiovisual aids. Staffs are motivated to continuously upgrade skills. All departments conduct academic seminars and expert lectures on current developments in their respective fields. External peer evaluations of the departments are conducted for objective assessment of needs of faculty development

Details on the Performance Appraisal System of the Staff

Staff appraisal is conducted by the evaluation wing of IQAC. Teachers' self appraisal and their appraisal by the Head of the Department, the Principal and the Manager are mandatory for promotion to higher grades of service. A detailed profile of each teacher, incorporating her involvement in academic, research and extension activities is maintained in the college office and updated at the end of every academic year. The potential of the faculty are identified and Principal assigns appropriate duties in the form of committees. The campus appraisal conducted by AMoCE incorporates evaluation regarding the quality of teaching-learning, administrative and support services. The Cell also collects semester-wise evaluation of individual teachers by students. Performance of staff is assessed by Principal by evaluating the Work diary, which includes monthly planner, time table, and workload. Each Teacher maintains a continuous evaluation register which records students' academic performance. The achievers among faculty are felicitated in the meeting of the Staff Association.

Review of Performance Appraisal Reports by Management and its Outcome

The Manager, Principal and Vice Principal as a team, visit all departments and receive feedback from teachers. They also evaluate the departments and give suggestions. The Principal conducts follow-up interface meetings with each department and informs the teachers of the action taken/decision reached regarding suggestions of both management and departments. Personal suggestions and advice are offered to individual teachers with regard to student feedback, if necessary.

Welfare Schemes for Staff

- Motivational lectures by experts in various fields
- Annual retreat and personal counseling
- College Health Club & Yoga Centre.
- Staff Co-operative Society provides numerous benefits for members, like loans, chitties, various deposit schemes, educational scholarships for children of members etc
- Day care center for children of staff.
- College bus facility to Kuttanad area
- Financial aid to non teaching/support staff by management & faculty
- Recreational activities conducted by staff association
- Residential facility
- Canteen/ Cafeteria
- Salary advanced for newly appointed teachers/substitutes in FIP vacancies
- Interest free loans
- Preference in admissions to any course for the children of teaching/ non teaching staff.

Measures taken by the Institution to Attract and Retain Eminent Faculty

Faculty vacancies are filled strictly as per UGC and university norms. Candidates are selected purely on the basis of merit. Priority is given to candidates actively pursuing research and continues to give them maximum support. At times, retired faculty are also retained as co-ordinators and guest faculty.

Pay scale of guest faculty is fixed on the basis of the subjects they handle, their qualification and skills. Competent faculty are retained with stage-wise salary increase and are encouraged to pursue higher qualifications.

6.4 Financial Management and Resource Mobilization

Institutional Mechanism to Monitor Efficient use of Available Financial Resources

The College Managing Board and Planning Board are actively involved in the planning and monitoring of available financial resources. The College Bursar is in charge of maintaining accounts and the management of funds. When Government, UGC and management funds are available, the Staff Council is summoned to enquire of the needs of the various departments. The Heads of the departments submit their requirements and the funds are allocated upon the basis of these. The Building Committee of the College and Internal Manager for Infrastructure monitor major construction work in the College. The Systems Administrator is in charge of management and purchase of ICT resources.

Internal and External Audit

General internal audit is done by the bursar and audit of UGC funds is done by the IQAC and the UGC Action Council by using special software for annual accounting. The management and UGC accounts are audited annually by a qualified external agency. Government funds are also audited annually by the auditors from Higher Education Department as well as from the Government's Accounts General's office. The audited reports are presented before the College Managing Board as well as the administrative body of the Archdiocese (the agency which owns the College).

Details of Institutional Income and Expenditure

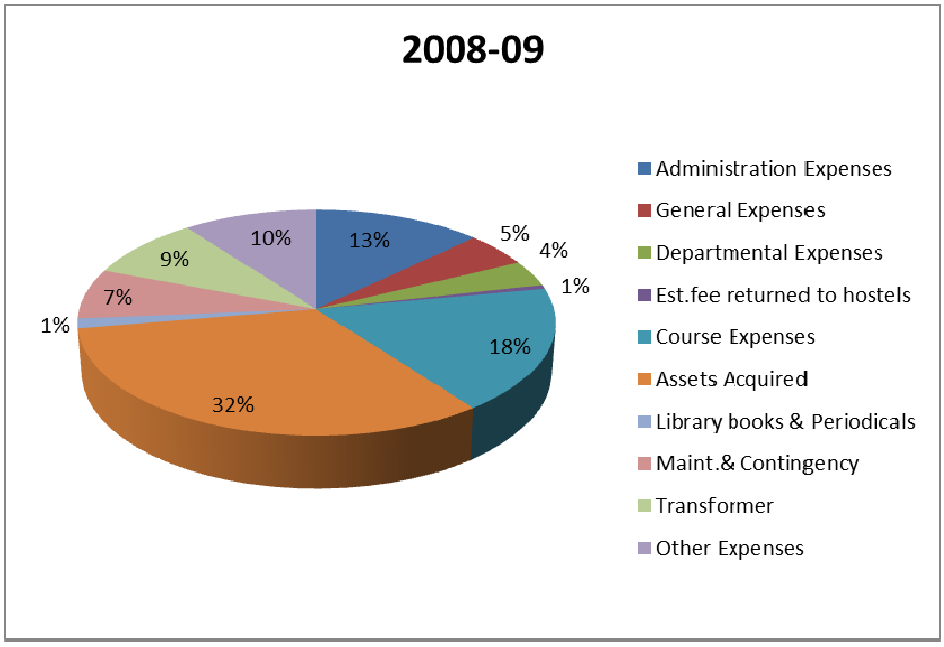
The major sources of institutional funding are the UGC, State government and income from self financing courses. A major portion of the last is utilized for payment of staff salary and establishment and maintenance of infrastructure/learning resources necessary for the self-financing programmes. In cases where UGC and Government funds are found to be insufficient, the Management funds are utilized. For the aided courses, the salary of the teaching and non teaching staff is met by the Government. The Management meets the expenses for the salary of additional support staff necessary for the smooth functioning of the College. Amounts cumulated over the years are utilized for purchase of land, construction and renovation of buildings and for providing support facilities/services for staff and students. For the year March 2011-12, a deficit of 15 lakhs was managed through bank loan.

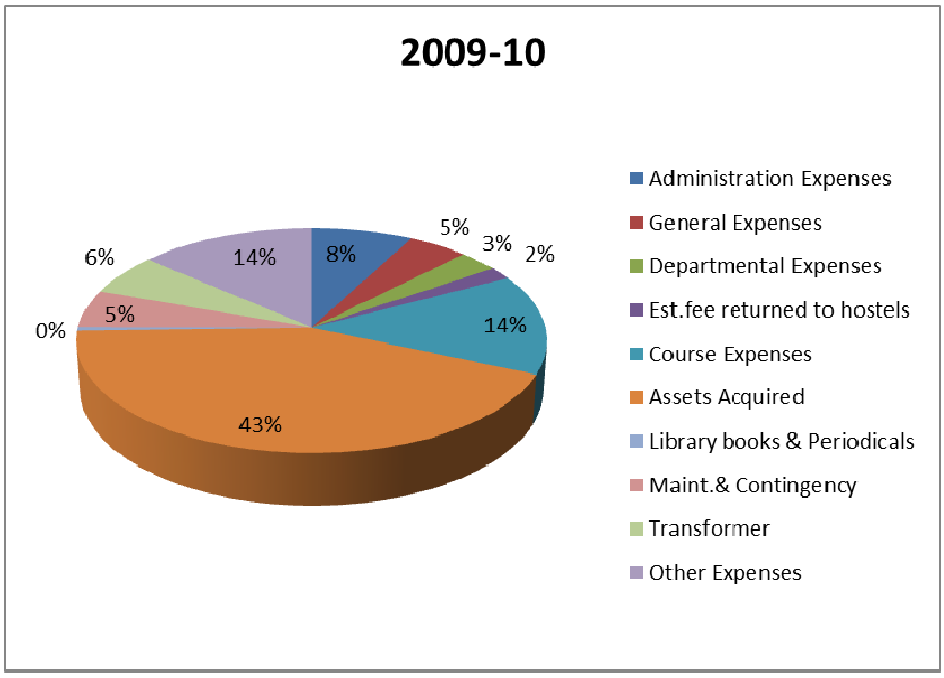
Table 6.2 Amount received under various UGC schemes and actual expenditure

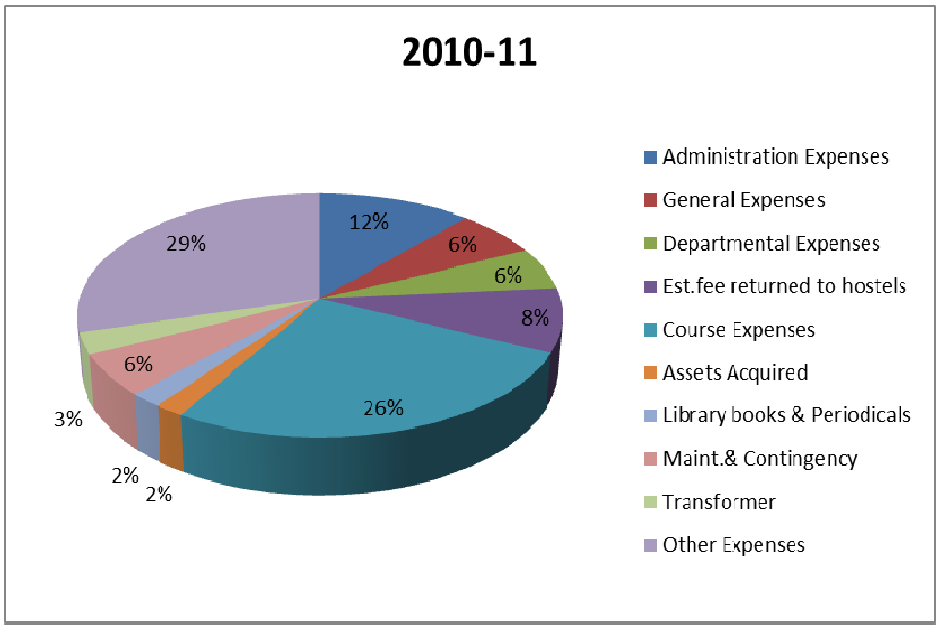
Sl No	Scheme	Amount Received Rs.	Total Expenditure Rs.
1	General Development UG Assistance	9,01,680/-	11,03,835/-
2	Gen. Dev- PG Assistance	10,56,000/-	10,61,924/
3	Gen. Dev- Professional Course	1,60,000/-	1,87,704/-
4	Improvement of Facilities	1,60,000/-	2,76,915/-
5	Colleges with higher proportion of SC/ST/ Minorities	2,40,000/-	2,47,500/-
6	Special Grant for enhancement of initiative for capacity building	1,00,000/-	3,20,075/-
7	Establishment of UGC Network Resource Centre	1,02,000/-	2,13,990/-
8	Career & Counselling Cell	1,60,000/-	2,95,500/-
9	Establishment of Day Care Centre	2,00,000/-	2,83,010/-
10	Establishment of Equal Opportunity Cell	68,000/-	1,13,750/-
11	Scheme for Persons with Disabilities	2,50,000/-	2,60,303/-
12	Remedial Coaching for SC/ST/ Minorities	5,09,500/-	6,86,909/-
13	Coaching for entry into service for SC/ST/ Minorities	6,93,000/-	10,58,138/-
14	Construction of Women's Hostel	49,50,000/-	1,20,71,039/-
15	Assistance for Basic Scientific Research	10,00,000/-	10,81,132/-
16	Aditional Assistance - Teaching, Learning & Evaluation	22,50,000/-	22,61,828/-
17	Development of Sports Infrastructure	5,00,000/-	5,17,354/-
18	Roofing & Flood lighting of Basketball Court	10,00,000/-	20,85,000/-
19	Innovative Programme - Museology & Archaeology(2007-11)	7,26,084/-	15,47,459/-
20	Foundation Course under Human Rights Education	2,35,000/-	1,53,582/-

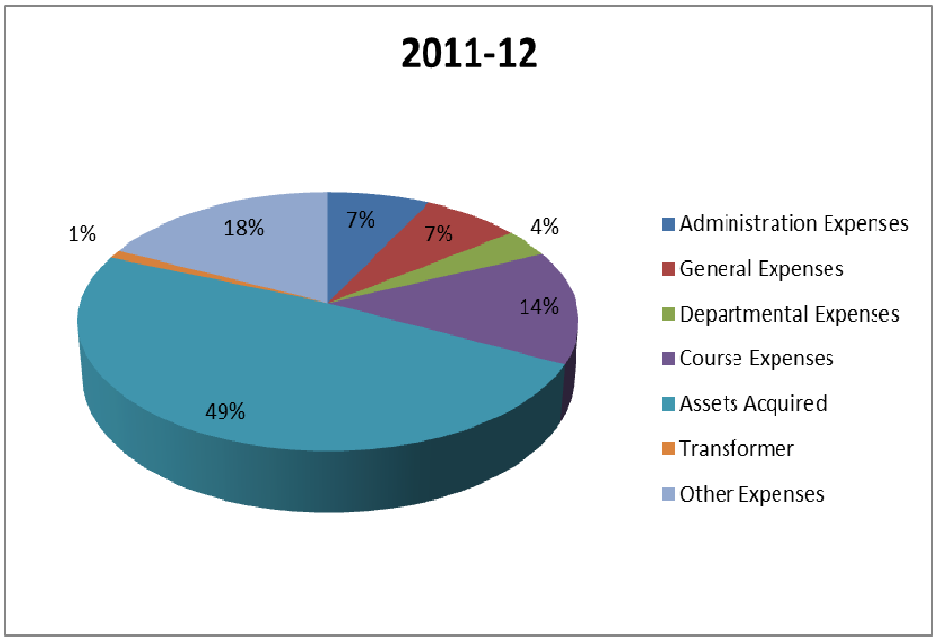
During 2008-2013 an amount of Rs 34,00,000/- was sanctioned for the running of five Add on courses and in 2012, Rs 53,00,000/- was sanctioned as five year grant to the Department of Home Science for the newly introduced Innovative Programme MSc in Textiles and Fashion.

Percentages of expenditure under various heads






2010-11
12%
6%
6%
8%
26%
2%
2%
3%
6%
29%
Administration Expenses
General Expenses
Departmental Expenses
Est.fee returned to hostels
Course Expenses
Assets Acquired
Library books & Periodicals
Maint.& Contingency
Transformer
Other Expenses


2011-12
7%
7%
4%
14%
49%
1%
18%
Administration Expenses
General Expenses
Departmental Expenses
Course Expenses
Assets Acquired
Transformer
Other Expenses

Institutional Efforts to Secure and Utilize Additional Funding

The audit reports are sent punctually to the funding agencies so as to secure maximum additional funding. Sponsorships are solicited for seminars and competitions etc. The alumni, PTA and other benefactors contribute towards endowments, scholarships and student welfare schemes.

6.5 Internal Quality Assurance System (IQAS)

Integrated Framework for Quality Assurance of Academic and Administrative Activities

The College management is keen to enhance and maintain quality in all spheres of the functioning of the college. The managing board is always constituted of eminent academics and administrators so that the best inputs for quality enhancement are received. A productive relationship is maintained with the stakeholders who contribute creative suggestions for quality improvement. Every effort is made to recruit the best available staff and the management appoints additional staff according to requirement to ensure smooth functioning of the College. Maximum available funds are procured from funding agencies, apart from those raised internally. All financial resources are utilized to improve student welfare mechanisms, as well as for enhancement and maintenance of infrastructure and learning resources. The campus is noted for its discipline and is free from party politics. There is sufficient hostel facility to accommodate all students who need it and accommodation in external hostels is not encouraged.

Internal Quality Assurance Cell (IQAC)

a. Institutionalizing of Quality Assurance Process

The Internal Quality Assurance Cell was formed as part of the Institutional policy with regard to quality assurance and it has ensured institutionalizing of the quality assurance processes. The IQAC was formed in 2001 soon after the first accreditation by NAAC in 1999. The IQAC consists of elected and nominated members including faculty, external representatives and guest members. The guest members are the Librarian, Bursar and student representative. All departments represented in the IQAC and this ensures participation and contributions from all quarters. The Cell takes the initiative in ensuring quality in academic and administrative activities. Its members visit premier institutes, participate in quality related seminars/workshops and make recommendations for the introduction of new and innovative academic programmes.

b. Decisions of the IQAC Approved

The IQAC suggests the thrust area of activity each year and a number of programmes are carried out focusing on the selected area.

- The college became a partner institute of IGNOU and started 10 courses under IGNOU, a PG course in Textiles and Fashion was started as Innovative Programme of the UGC. 5 Add on courses of the UGC, Remedial Coaching and coaching for competitive exams were also launched. A Student Amenities Centre, an Equal Opportunity Cell and infrastructure facilities for the differentially abled were recommended by the IQAC.
- The IQAC conducts an annual campus evaluation on all the units of the college by collecting feedback from stakeholders. This feedback is used in formulating new policies annually. Under the initiative of the IQAC, the MBA students conducted a comprehensive evaluation of all departments in August 2012.
- Available UGC funds were recommended and allocated according to the requirements and requests of the various departments and ICT resources were enhanced through this
- A continuing evaluation to identify and reward talented students, CORALS (Core Group of Advanced Learners) is being carried out by the HRD department under the direction of the IQAC.
- JET, an interdisciplinary journal was started by the Research Promotion Council, a wing of the IQAC.
- The IQAC invited management funded proposals for environmental projects from all the departments and students to make the campus eco friendly.
- For better college-community interface, the IQAC recommended that the Community College become a centre for Social Business and entrepreneurship by starting a Business Incubation Centre for sustainable development through empowerment of women.
- To step up research activity in accordance with the Peer Team suggestion at the last accreditation, an Instrumentation Centre was set up for research and teaching in the science departments
- To improve efficiency in office administration the IQAC took the initiative to install new software.
- The IQAC conducts regular orientation sessions on academic and personal development for faculty
- The first International Seminar conducted by the College *Green Path to Sustainability: Prospects and Challenges* was organized by the IQAC in 2010.

c. External Members in IQAC and their Contributions

In the last five years, the IQAC has had three to four external experts from the academic and administrative fields. The external experts have acted

as resource persons in orientation sessions and workshops for teachers to train them in SWOC, quality enhancement measures and research. They are also consulted in the implementation of innovative projects.

Student feedback on various aspects of the college is taken by the IQAC and the suggestions are taken into consideration and implemented whenever necessary. Free basic computer literacy, special menu in the College canteen on Thursdays, conduct of Arts day etc. were suggested by the Electoral College. The issues discussed in the annual alumnae meetings are also taken up in the IQAC.

The IQAC has representatives from all departments, library and the community college. Effective communication is also ensured by interaction between the IQAC and the Staff Council

Staff Training for Effective Implementation of Quality Assurance Procedures

The staff are given training in the use of advanced learning resources. Orientation sessions and training programmes are arranged for teachers on revised curriculum and evaluation methods, effective teaching and mentoring. Teachers take training in ICT when advanced modules are introduced. The administrative staff are trained at the college Computer institute in use of newly introduced software for administration. The Principal convenes staff council meetings to discuss the new programmes and procedures to be followed. A common checklist is intimated and the timeline for implementation is insisted upon. The Principal informs the teaching/ administrative staff about the reforms in internal quality enhancement policies.

Academic Audit and its Outcome

Internal audit is conducted annually and the outcome is discussed in the IQAC and Staff Council meetings at the beginning of each year to make necessary changes and improvements. External audit by expert committees are conducted once in two years. The audit helps to identify areas for improvement and suggests ways to rectify them. The Exit Meetings and SWOC analysis done as part of the audit brings up valuable suggestions which are implemented at the departmental and institutional level, at the earliest. Increase the number of publications from departments, enhance research activities, improve spoken English skills of students etc were some of the suggestions acted upon.

Alignment of Internal Quality Assurance Mechanisms with the Requirements of External Quality Assurance Agencies

Since the College is an affiliated grant-in aid institution, it follows the quality requirements of the government as well as the university. The chief guidelines followed for quality assurance since the first accreditation has been those outlined by NAAC. Collaborations and tie up with national and

government organizations as well as sponsorships and funding from UGC/other reputed agencies for academic, research and extension activities ensure that the quality standards of these bodies are maintained in the institution. The Research Promotion Council of the College takes the lead in this regard.

Mechanism for Review of Teaching-learning Process

The internal assessment schedules are given out at the beginning of each year. The Principal convenes Staff Council meetings regularly and necessary modifications are made in the academic calendar. Specific dates are stipulated for submission of internal mark sheets. Teaching plan and monthly academic plan prepared by individual teachers are recorded in their work diary and checked by the Head of the department and Principal. The Internal Examination Committee sees to it that the exams are conducted punctually and smoothly. The Heads of the Departments take the responsibility to make sure that the academic calendar is strictly adhered to by the staff and the syllabus is completed well in time.

Communication of Quality Assurance Policies, Mechanisms and Outcomes to Internal and External Stakeholders

The internal and external stakeholders contribute their suggestions in formulating the quality assurance policies through the college bodies and the outcome is intimated to them through newspapers, in the periodical meetings, departmental and general body meetings of the PTA and Alumni Association.

CRITERIA VII

INNOVATIONS AND BEST PRACTICES

7.1Environment Consciousness

Green Audit of the Campus

As a part of Greening the campus, awareness and action programmes are conducted. All departments have their own environment related projects which are designed and implemented by them. The department of Social Work has taken the initiative to conduct a green audit of the campus which includes a check list of the following criteria:

- Amount of waste generated and its disposal/recycling
- Water consumption in the campus
- Energy consumption in the campus
- Number of vehicles entering the premises
- Plant diversity in the campus

Initiatives for eco-friendly campus

- ***Energy Conservation and Use of Renewable Energy***

The mission statement of Assumption College emphasizes training of students to contribute to the evolution and practice of sustainable development through eco friendly activities.

Solar lamps are being used as renewable energy sources in the campus and hostels. Our proposal for its funding from MP fund has been accepted. Staff and trained students conduct awareness programmes in the local neighbourhood and their specific communities about ways to reduce consumption of power and methods to utilize alternative energy sources. In support of '*labhaprabha',* a comprehensive campaign organized by Kerala State Electricity Board, students of the department of Chemistry have registered in this venture by conducting an energy audit of their homes. In the campus, re-wiring of old electrical fittings and repairing and replacing of faulty plumbing are done promptly to avoid wastage of power and water. Food waste from the college canteen, students' mess hall, staff hostel 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. There are also pipe compost units in different parts of the College and hostel campuses. The hostels also rear pigs which consume the kitchen waste.

- ***Water Harvesting***

A model project to harvest rainwater and to enrich groundwater was undertaken in collaboration with Changanacherry Social Service Society. It serves as a model to be followed by students in their communities as well as by other institutions.

- ***Efforts for Carbon Neutrality and Plantation***

We collaborated with the State Forest Department to distribute saplings and plants to the staff and students. A medicinal plant garden was set up by the Botany Department and the plants were labeled. An exhibition and sale of medicinal plants funded by Central Ministry of Environment and Forests through the Centre for Environment and Development is held annually for the benefit of students and the public. A programme on National Environment Awareness Campaign on Biodiversity Conservation was also funded by it. Students undertook a study of the trees in the campus, labeling them with scientific names to create awareness of plant diversity. 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.

A number of fast-growing trees were planted in the campus in the last few years. The NSS unit of the college took the initiative to set up a kitchen garden. Mushroom cultivation is practiced and promoted actively in the College by giving training and mushroom spawn to local women. Mushroom cultivation helps to reuse and recycle plant byproducts such as sawdust and paddy straw. Mushroom spent is used for the production of vermicompost. Organic farming is practised in the vegetable and flower gardens in the College and hostels in an attempt to replace chemical fertilizers and pesticides.

- ***Management of Hazardous Waste***

The College aims to make the campus plastic-free by avoiding non-biodegradable products such as plastic glasses, cups, plates and straws in the college cafeteria and canteen and instructing students to avoid bringing plastic covers. The use of flex banners is also discouraged. Bins were placed in different parts of the campus for the segregation of plastic, paper and food waste. Students were given training in segregating biodegradable wastes such as food and paper and non-biodegradable waste such as plastic and glass. The College has also volunteered in being a collection point for plastic bottles and plastic covers.

Reuse: Reusable steel plates and glasses are used in the hostels, canteen and cafeteria. Usable old clothes are collected to be distributed to old-age homes, orphanages and care centers for the terminally ill. Old cloths are used for cleaning purposes in the College and hostels and students are encouraged to do

the same at home. The college aims for an eco friendly campus and to make this a reality, the use of eco friendly bags and files are encouraged.

The College has tie up with various NGOs like Changanacherry Vikasana Samithi, CHASS and Jaycees as well as Changanacherry Municipality to clean and green the various roads in Changanacherry. The staff and students have taken the initiative to take up road cleaning and clean city programmes with the collaboration of these organizations. A survey was conducted by our students in the neighbouring wards to study their waste management measures and to give awareness on effective methods for the same. Students were trained to manufacture paper bags and a sale of the same was held. The Fashion Technology department puts up exhibition cum sale of eco friendly garments and accessories. The department of Economics sources eco-friendly bags from the manufacturers and make them available to staff and students at affordable prices.

e-waste Management

Every effort is made to repair and use electronic and electrical devices. Students are trained to adopt such measures in their homes. Piling up of e-waste is discouraged in the campus. Awareness campaigns were conducted in wards 31 and 32 of the Municipality, by students of Computer Science.

7.2 Innovations

Innovations which have Created a Positive Impact

Courses related to environment are chosen as elective options by many departments. A UGC sponsored certificate course in "Herbal Products for Health and Beauty" is offered in the College. The Botany department has also run short term modules on mushroom cultivation and eco friendly horticultural practices.

Visible reminders such as placards, posters and banners are placed in the campus for students to assimilate environmental values. Principal Dr Sr Mercy Nedumpuram, is the subject researcher for a video CD on environmental issues "*Bhoomisangeerthanam"*. It has been screened in the College and distributed in educational institutions all over the state for the purpose of creating awareness on the environmental hazards of modern lifestyle. Many faculty members have publications on environmental issues; a handbook on eco friendly mushroom cultivation and a recipe booklet on mushroom dishes were brought out by the Botany Department. Booklets and CDs on special health diets/nutrition education are also brought out by Home Science department. One of the members on the non teaching staff has published a volume of poems in folk style reflecting contemporary concerns about the natural world.

A three-day flower show was organized in the College campus in collaboration with the Merchants Association of Changanassery and

interactive sessions on agriculture, apiculture, horticulture, maintenance of aquariums etc were conducted for students and the public. As part of their Public Relations programme the students of BA Communicative English conduct surveys in the neighbourhood on waste management methods.

Other Innovations

- The College chooses a thrust area of focus each year in keeping with the vision of the College and in tune with the higher education policies of the UGC and NAAC. All the activities of the College, co curricular and extra curricular, are designed to converge towards this thrust area.
- The Assumption Community College is a subsidiary wing of the College to centralize its extension activities. The Community College has established a Business Incubation Centre to train potential women entrepreneurs to start their own ventures. Assumption Fashion Boutique has been set up as the first step, which will be followed by incubation in other sectors such as organic farming, preparation of food preserves and tourism.
- The IQAC has a multi level screening process spread over six semesters to identify Core Group of Advanced Learners(CORALS) for the award of Best Outgoing Student. The screening includes evaluation of their academic performance, participation in extracurricular and extension activities, soft skills and communication skills, general awareness, leadership qualities etc. the CORALS group takes the lead in organizing student activities in the College.
- A Learning hour is designated outside regular class hours on a daily basis for students to take short term Add on Courses and Enrichment modules. In this way, students are able to acquire additional skills by the time they complete their academic programmes. All students are required to maintain a Learning Journal where they regularly and systematically record their participation in co curricular /extracurricular activities and achievements. The record is supervised and ratified by the mentor. The Learning Journal is evaluated before award of conduct certificates when they graduate. It also carries weightage for the award of Gold Medal for Best Outgoing Student.
- In response to the suggestion put forward by students a Student Amenity Centre was constructed to make provision for Indoor games like chess, carom, cards for day students. The Amenity Centre also has a rest room for students who come from a distance.
- In an effort to provide students with global exposure and practical training in international standards in garment construction, experts from **Senior Expert Services, Germany**, are engaged as visiting

faculty for a period of two to four months. German language classes are arranged for faculty and students of the department of Fashion Technology

- A microfinance saving scheme for staff and students-Samrudhi Plan- was arranged through Changanacherry Social Service Society and 443 members have benefited from it.
- A Mathlab with a collection of mathematical models was set up by the Mathematics Department to develop and nurture mathematical skills of students and also to extend the resources to students from neighbouring schools

7.3 Best Practices

Best Practice I

1. Title of the practice: Assumption Community College for strengthening College-Community Interface

The vision of Assumption College is to create empowered and socially committed women. In order to achieve this end, the College has established Archbishop Powathil Assumption Community College (APACC). Higher education without employability and social commitment is futile. The College reaches out to the specific needs of the community through APACC. Women empowerment and Entrepreneurship promotion are the twin goals of this initiative.

2. Goal

The major goal of APACC is to sensitise the Assumption fraternity to its immediate community thereby making its existence more meaningful for the creation of a self- sufficient, self-reliant and sustainable community. It seeks to create an awareness of the dignity of womanhood and help students to develop an integrated personality. Besides, it helps to impart employability skills to the students as well as women in the neighbouring locality. The specific objectives are:

i. To promote women empowerment for the overall welfare of the society.

ii. To extend intellectual resources and infrastructure facilities of the College for the welfare of the community

iii. To organise community resources and provide programmes to cater to the academic needs of the community.

iv. To impart life coping skills, communication skills and administration work skills so as to promote the employability of its stakeholders.

v. To conduct training programmes to meet the resource development of the students and people in the community.

vi. To promote sustainable and harmonious coexistence of man and nature through management of natural resources

vii. To foster healthy lifestyle in the student community

viii. To accelerate socio economic development of the stakeholders through production and marketing of goods and services

ix. To handhold and escort people in distress.

x. To promote social projects

3. The Context

In order to achieve women empowerment, their economic empowerment is very essential. But the real challenge is enhancing their access to the job market by making them employable. Assumption Community College offers a range of skill development courses to its students as well as to women in the locality. In the era of globalisation and competition, entrepreneurial skills are very important. APACC provides training in entrepreneurship through incubation of entrepreneurial ventures.

4. The Practice

APACC has the following practices to achieve the goal of women empowerment and entrepreneurship promotion.

i. Started skill development courses- Computer courses (Diploma and certificate), Tailoring, Fashion designing and Embroidery

ii. Enrichment modules for college students (Jewellery Making, Hand Embroidery, Computer Fundamentals)

iii. Training in fashion designing

iv. AWAKE - society for entrepreneurship promotion

v. Akshaya Centre

vi. Linkages and collaborations with Federation of Indian Women Entrepreneurs, TiE Kerala, Kerala Chamber of Commerce-Women' forum, and NABARD

vii. Assumption Business Incubation Centre for giving handholding to young business ventures by women entrepreneurs.

Assumption College is a pioneer in establishing business incubation facilities in Kerala. Students can have training while doing their regular programmes so that they may start their own business enterprises after the completion of the course.

5. Evidence of Success

The programmes offered by the Assumption Community College are well appreciated by the students and the women in the locality. On an average 20 women from the neighbouring locality attend each skill development course every year. The Certificate and Diploma Courses offered by APACC are attended by students of various disciplines.

The Department of Fashion Technology serves as a resource centre for the Fashion Boutique started in the Community college. The students design the apparels and offer them for sale in the Boutique. This is a notable achievement in entrepreneurship development.

About of fifty of our alumnae members who are interested in starting/expanding their own enterprises have come forward to take training in entrepreneurship. They are given a comprehensive training in starting business ventures including ways to get funding from Government departments and NGOs. *Mattoli*-the women organization of Nitta Gelatin India Ltd, Kochi has been entrusted to our Business Incubation Centre to develop the entrepreneurship skills of its members. The Business Incubator, which concentrates on garment manufacture business, plans to diversify into other sectors such as agriculture, tourism, catering and food services.

'AWAKE' is a registered Charitable Society acting as an umbrella organization to coordinate all the entrepreneurial initiatives.

The Akshaya centre of APACC offers various services such as e-literacy, Comprehensive Health Insurance Scheme, Malayalam computing, e-payment, on-line application processing, training in medical transcription and soft skills.

APACC has a Small Savings Scheme (Samrudhi Plan) for students in association with Changanacherry Social Service Society.

6. Problems Encountered and Resources Required

The major problems encountered are the following:

i. Mobilizing local women for various training programmes

ii. Lack of financial resources for widening the programme line

iii. Lack of Infrastructure to expand the Incubation centre

Best Practice II

1. Title of the Practice : Value Based Education

In keeping with the vision and mission of the College, 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 through eco friendly activities.

2. Goal

The major goal is to inculcate moral values in students to mould them to become socially responsible and committed citizens. The specific objectives are:

i. To prepare students to be committed to a life of community service as active citizens

ii. To impart humane values and social attributes to the students

iii. Contribute to the betterment of the less privileged in the society

iv. To equip students to practice sustainable and eco friendly lifestyle

v. To develop philosophy of life

3. The Context

The present formal educational system does not provide avenues for students to live in harmony with society and to imbibe moral and spiritual values. Without social responsibility, education is not complete. In order to fill this void and to mould the students as socially committed citizens, the College encourages the students to engage in various activities that lead to their holistic development.

4. The Practice

To promote and strengthen values in our students for a better future, the following activities were conducted: regular religion and moral science classes, prayer meetings for teachers and students, monthly Holy Eucharistic Celebration and assembly in the College quadrangle, prayer at the beginning of every session, annual retreat/ spiritual animation programme/value education seminars, three day inter-collegiate camps, life guidance courses, premarital guidance course for outgoing students. The College also observes Communal Harmony Day to spread the message of communal harmony. Independence Day is also observed to promote national integrity. Regular Counseling programme for students and continuous mentoring programme by our former faculty members is also conducted.

The College organizes a variety of programmes:

a. Green Initiatives

To raise public awareness about environmental protection and to create awareness among our students on conservation of natural resources, the College observes World Environment Day, Ozone Day and World Food Day. The international conference on "*Green Path to Sustainability: Prospects and Challenges*" gave a wide momentum to green thinking and green initiatives. This seminar provided a platform for the environmental scientists and activists to share their experience and scientific knowledge with the student community. A documentary highlighting environmental issues, Bhoomisankeerthanam, was prepared by our Principal. The students of fashion Technology Department organized exhibition on Eco-friendly jewellery in 2010-11. This helps students to promote eco fashion through use of Ayurvastra, Khadi, natural and other eco-friendly fabrics. Each department of the College takes up eco-projects on various environmental issues like waste management, rain water harvesting, groundwater recharging, paper bag production, conservation of biodiversity, biogas plant etc.

b. 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. MSW students introduced a new concept of Human Rights Tree. A 30 day campaign called *Jagrithi* on Women Security in contemporary scenario was conducted under the leadership of Women Cell.

c. Social Commitment

Charity has been taken up as an important activity by the college. One day is observed as mission day every year. Students and teachers actively participate in the mission day activities. Students put up food stalls and gaming zones in the college campus and hostels to collect funds. Students' Union in the college takes the leadership in collecting noon meal every Friday and is handed over to Puthujeevan Trust, an NGO based at Changanacherry. Students very enthusiastically participate in this noble venture. This collective action has brought about a passion and commitment among students to serve society. The members of the faculty contribute generously towards the charitable activities of the College. The College provides free food and accommodation facilities to financially weaker students. In 2009-10 each department selected a particular value- such as 'respect for the elderly', 'environmental awareness', 'sensitization on HIV'- for dissemination and a number of programmes were organized by them throughout the year for this purpose

5. Evidence of Success

The eco friendly practices initiated in the last few years have been institutionalised through the installation of biogas plants and solar appliances in the College and hostels, the use of biofertilizers and biopesticides, segregation of biodegradable and non-biodegradable waste, manufacture/distribution of paper and jute bags and collection of plastic covers/ bottles for recycling. The eco projects taken up by the departments and students such as water harvesting, waste water management, 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 neighbourhoods. The Environmental Award conferred on the College by the Khadi and Village Industries Board, New Delhi is a recognition of our efforts in creating awareness on environmental issues.

The institutional attempts at women empowerment through co-curricular and value added skill development/ HR programmes as well as internship opportunities have enabled our students to be more confident and empowered by the time they graduate from the Institution. An evidence of the success of our efforts is the substantial number of well placed alumnae in different walks of life. There are also a number of students who have achieved remarkable success as entrepreneurs. Our students have distinguished themselves in extension activities through their active involvement in NSS, NCC and Red Ribbon Club. University NSS awards for best college, best Programme Officer and best student volunteer, participation in RD parade and NCC/NSS national level camps, selection for international youth exchange programmes are proof of the meritorious performance of the College.

The value based education offered by the College ensures students' integral growth. Student leaders take the initiative in organizing fund raising for charitable causes. In the last five years Rs 10,00,000/- was raised by the students for charity. An amount of Rs 3,34,000/- was donated by the teaching staff and Rs 56,000/- by the non teaching staff to the family of a deceased member of the non teaching staff. A collection of Rs 2,46,000/- was contributed by the faculty for the *Diamond Jubilee Housing Scheme*, for the deserving and underprivileged students of the College in 2010-11. In 2013 the whole college joined hands to raise Rs 4, 00,000/- to construct a house for a needy student. In 2010-11, Rs 1,00,000/- was donated to a member of the non teaching staff for her husband's kidney transplantation and in 2013, Rs 75,000/- was given as a Christmas gift to the Kidney Foundation of India. We are proud of our alumnae who contribute to societal development and the well-being of women and the underprivileged in a number of ways. Every year the Distinguished Alumna Award is awarded taking into consideration their academic achievement, quality of family life, contribution towards the welfare of the underprivileged and their activities towards the betterment of society

and women. The first recipient of the Award, Dr. Sr. Mary Litty, after her medical training in the UK, founded a congregation to devote herself fully to the care of differently abled children. For the last 32 years she has been rendering outstanding service in this field with whole hearted support from people within and outside the country. Another recipient of the same award, Mrs. R. Thankamony has been very active in politics to serve the needy in the society. She constructed a new road for the convenience of scheduled castes and other people of the Railway Rehabilitation Settlement. Considering her services in the field she was honoured by the Government of Kerala as the Best NSS Programme Officer.

6. **Problems Encountered and Resources Required**

The problems encountered are the following:

- Funds raised are insufficient to provide financial assistance to all the needy students in the campus.
- Lack of resources to meet the requirements of the Counselling Centre
- Erosion of values through the influence of media.

7. Contact Details

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POST REACCREDITATION INITIATIVES

Academics

There have been substantial improvements in various aspects of quality indicators of the College after the last accreditation by NAAC in 2007. The College celebrated its Diamond Jubilee in 2009-10 and five departments have celebrated their Golden Jubilee since 2007. UGC sponsored BFT and BA Museology & Archaeology, having completed the first five years, are now successfully continuing in the self-financing stream. The PG course in History, started in the unaided stream has been converted into an aided course. A new UGC Sponsored Innovative Programme in M Sc in Textiles and Fashion was started in 2012. The Research Centre attached to the History Department, sanctioned in 2007, now has 6 research guides and 5 research scholars. The Centre is now an approved centre for coursework for Ph D. The College became a Partner Institute of IGNOU in 2009 starting UG and PG courses in Commerce, Computer Applications, and Business Administration, in accordance with the suggestions put forward by the NAAC Peer Team in 2007. Some of the short term Enrichment modules offered by the departments were replaced according to student feedback and at present there are 18 modules. Five Career oriented UGC sponsored Add on courses were newly introduced after 2007. The Certificate course in Journalism and Mass Communication has continued into Diploma and Advanced Diploma levels; a Foundation Course in Human Rights, sponsored by the UGC, was introduced in 2011. APACC offers micro enterprise Development programmes of NABARD.

The College launched an annual multidisciplinary research journal, *Journal of Experimental and Theoretical Research* in 2010. The number of research projects, both major and minor, taken up by the faculty members has steadily increased. Two international and seven national seminars were organized in the last four years. Since 2007, seven members of the faculty have been awarded Ph D, five have acquired M Phil degree and four have submitted their doctoral thesis. The number of teachers pursuing research activities has increased considerably with seventeen new registrations, nineteen minor projects and seven major projects; among the new faculty appointments in the last three years, one has M Phil, four have Ph D and one has PDF. Out of seventy one permanent faculty members, 27% have PhD as their highest qualification, 38% have M Phil. Of the fifty one guest faculty, 4% have Ph D and 8% have M Phil. Twenty nine teachers have attended Refresher Courses, twenty have attended Orientation Courses and forty three have participated in subject related trainings. Thirty eight faculty members have been resource persons for various conferences/ institutions and the College offers consultancy services in twenty four areas. Eighty one international conferences and 322 national conferences were attended by the faculty members in the last five years. The number of paper presentations in

international conferences was 23, and in national conferences, 74; 35 international and 63 national publications were produced. A fund of Rs 67,00,000/- was sanctioned under the FIST Programme of DST to improve infrastructure for Teaching and Research in the Sciences. There has been a spectacular increase in the collaborations effected, with networking and linkages with 40 firms/institutions (as against 8 in 2007) as part of curriculum requirements/ research and extension.

Introduction of Choice Based Credit and Semester System for UG Programmes (2009-10) and Credit Semester System for PG programmes (2012-13) by the University offers academic flexibility in the choice of elective papers. In addition to the members in the Boards of Studies of Mahatma Gandhi University, five teachers are members of the BoS of other Universities. With the introduction of CBCSS, which involves the transition from marks to grading system, two internal examinations in the pattern of the external examinations are conducted annually for the whole college under the supervision of the Internal Examination Committee. To familiarize students with the question pattern and possible questions, CDs of question banks have been made available in the library by all departments. Since all UG programmes have computer related modules in their syllabus and to facilitate ICT enabled teaching-learning, specially designed computer literacy programme was given to all freshers at the college computer institute. German language classes are arranged for students and teachers of the Fashion Technology Department to facilitate curricular transaction for visiting faculty from Germany and to equip the department for the projected faculty/student exchange programme.

To ensure transparency in admissions and internal evaluation, merit lists in the management and community quota and grade sheets of internal assessment are uploaded in the website. In the University examinations in the last five years, we won 32 university ranks at the UG level, 10 at the PG level and two ranks (UG and PG) in the IGNOU programmes. In the CBCSS system, there have been 57 A+/A grades in two years. All departments have student projects and science departments have mandatory project presentations. Almost all departments have launched intercollegiate competitions to give students opportunities to interact and compete with their peers in other institutions. The number of expert lectures arranged by the departments to widen the intellectual horizon of the students has increased considerably. We became the third Arts and Science College in the University to organize INSPIRE Science camp funded by DST (2012), in which 160 students participated.

Infrastructure and Learning Resources

The post accreditation period has seen an enormous increase in infrastructure facilities for curricular and extra-curricular activities. The facilities added after the last accreditation include a new wing to house the

Research Centre in History, Assumption Heritage Museum, class rooms and a Seminar Hall. An indoor stadium, a separate hostel for PG students, a guest room and 2 guest residences, Student Amenity Centre with recreation facility and provision for indoor games, a well equipped DTP Centre and cafeteria are some of the other new introductions. The number of photostat machines, public telephones and televisions have increased, and an ATM counter was installed in the campus. Major renovations of all departments, laboratories, administrative offices, Auditorium, seminar hall, conference hall and Chapel have been undertaken. A transformer was installed exclusively for the campus in view of the expansion of the College. A college bus was purchased for the convenience of students from the rural Kuttanad area.

More than 1000 books have been added to the general library each year, the number of journals in all disciplines has increased and all departments have set up department libraries. Much effort and expenditure have gone into the augmentation of ICT enabled learning resources. A commendable achievement in this regard is the LCD facilities (20 in number) in all the Departments. Under the NME-ICT scheme, internet connectivity is provided to all the hostels and the College. Wi-Fi, UGC funded Network Resource Centre, Smart Board, 2 Visualisers, 9 Laptops, large scale upgradation of computers, purchase of new software, Teleclassroom and Virtual Lab are some other important additions to the ICT facilities of the College. A Mathlab under the Mathematics Department, a project laboratory attached to the department of Physics and Research laboratory of the Zoology Department are new additions. Enhancement of infrastructure for sports and games include roofing and floodlighting of the Basketball Court, 3 lane 400m athletic track, and purchase of sports equipment worth Rs 6,00,000/-.

Student Support

Students are provided with adequate support system in the Campus. In the last few years Induction programmes were arranged for the newly admitted students to enable them to understand and assimilate the campus culture. The starting of a new department in Human Resource Development to offer softskills training to students and to coordinate the activities of the Career Orientation and Placement Cells is an innovation which has helped us to improve support services for students in a notable way. In 2008, the HRD department gave training in public speaking to advanced learners, with certification from Creek International. The Equal Opportunity Cell sanctioned by the UGC is found to be an efficient way to guarantee that students get all financial and other privileges that they are entitled to. The Assumption Welfare Cell takes a voluntary collection from students on each Friday, which is utilized to provide noon meal to needy students. UGC grants for Remedial Coaching have been availed of to give extra coaching to slow learners. Coaching for entry into services for SC/ST/ minorities were also started four years back. UGC funds were utilized for construction of special infrastructure such as chairs, ramps, rails and special toilets for differently abled students.

CORALS is an initiative of the IQAC to encourage the advanced learners in the College. Wall magazine competition is conducted annually to encourage the creativity, general knowledge and innovativeness of students. Book exhibitions are organized in the campus every year to familiarize staff and students with the latest additions in their discipline. The Grievance Redressal Cell has redressed fourteen student grievances in the last five years. Student representation has also been included in bodies such as IQAC and library committee. In the last few years there has been increased student involvement in decisions pertaining to them.

The number of endowments for scholarships and cash prizes for students has been enhanced. A major step in this regard is the addition of 21 scholarships to the already existing ones.

Students' participation in Institutional Social Responsibility is reflected in the awards received for extension activities. Thirty one student projects/ surveys related to issues of social relevance were taken up, focusing on the community.

IQAC and Quality Enhancement Initiatives

The IQAC of the College has initiated a number of quality enhancing activities in the College. A State level seminar on *Quality Initiatives in Reaccredited Institutions* was organized and the Cell actively implemented and monitored the various quality initiatives. Software for admissions and utility software were installed for more efficient administration.

Presentation of the Action Plans of the departments for each academic year is conducted at year-beginning and internal as well as external academic audit of the Departments was conducted. Under the initiative of the IQAC, different committees were appointed to evaluate and submit reports on the overall activities of the College. The salary of guest faculty was enhanced with stage wise salary hike. Self-appraisal of teachers is collected every year to encourage an introspection of the effectiveness of their pedagogy and academic quality. Student feedback on academic programmes is collected to understand, assess and make changes in the design and delivery of teaching methods.

Innovative Practices

The thrust area identified by the College in 2010-11 was "Concern for the Environment". The activities taken up were continued through the following years and have become institutionalized. These include installation of biogas plant, training in ecofriendly agricultural practices, introduction of solar lamps, segregation of biodegradable and non biodegradable waste and awareness campaigns. A novel initiative of the IQAC in 2012-13 was to invite project proposals from all departments to make the campus more eco friendly. These management funded projects include manufacture/distribution of paper/

jute bags, awareness camps and water harvesting plant. The College functions as a collection centre for plastic bags and bottles for recycling.

The Institution, in its efforts at women empowerment, has launched a Business Incubation Centre at the Community College to promote women entrepreneurship. We have effected a tie up with the Federation of Indian Women Entrepreneurs, New Delhi, for this purpose. Assumption Fashion Boutique was also started recently to aid women who wish to start enterprises in the garment sector.

As we evaluate our progress in the post reaccreditation period through the self study report, we are gratified that we have made a concerted effort to keep up with the fast changing developments in the higher education sector, while holding fast to our vision and mission.

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH

1. Name of the Department : **English**
2. Year of Establishment : **1950-51**
3. Names of Programmes / Courses offered

Name of Course	**Elective / Mains**	**Aided / Self Financing**
B A English Language and Literature	Creative Writing in English	Aided
B A Communicative English	English Literature, Communicative English and journalism	Self Financing
M A English Language and Literature	1.World Classics in Translation 2.Modern European Fiction 3.African Literature 4.Literature and the Empire 5.Women and Literature	Self Financing

4. Names of Inter disciplinary courses and the departments/units involved

Course	**Type**	**Years**
Language Improvement Programme	Enrichment Programme	2007 onwards
Remedial English Grammar	Enrichment Programme	2007 onwards
Journalism and Mass Communication	Add-on Course	2007 onwards
English for Careers	Open Course	2010 onwards
English Language Skills	Enrichment Programme	2013 onwards

5. Participation of the department in courses offered by other department**s**

Department	**Programme**
History	Complementary 2 Political Science
Malayalam and Hindi	Common course (Additional Languages)

6. Faculty profile with name, qualification, designation, specialization:

Name	**Qualification**	**Designation**	**Experience**
Permanent faculty			
Ms. Humcy Thomas	M.A	Asso. Prof. (HOD)	32
Ms.Vilasini Pillai	M.A, PGD in PR&J	Asso. Prof.	18
Ms.Judith Sebastian	M.A, M.Phil (submitted Ph D thesis)	Asso. Prof.	17

Ms.Theresa Thomas	M.A, M.Phil	Asst. Prof.	16
Ms.Minu Mary Mathew	M.A, M.Phil	Asst. Prof.	2
Ms. Rosmi Lukose	M.A., B.Ed	Asst. Prof.	2
Ms. Amal P. Mathews	M.A. M.Phil	Asst. Prof.	1
Ms. Tanya Brigit Mathew	M.A	Asst. Prof.	6 months
Ms.Neethu Tessa Baby	M.A	Asst. Prof.	6 months
Guest Faculty			
Ms.Mariam John	M.A., B.Ed, NET, SET	04-06-2012	1 yr& 4 months
Ms. Anu Joy	M.A., NET	01-08-2012	11 months
Ms. Ani Mathew	M.A. B.Ed, NET, SET, TET	03-12-2012	8 months
Ms. Gayathri R.	M.C.J., SET	04-06-2012	1 year
Ms.Jennifer Alexander	M.A., B.Ed	07-01-2013	6 months
Ms. Lata Mani	M.A.	03-06-2013	7 months
Ms. Sruthi Vinayan	M.A., NET	03-06-2013	1 month
Ms. Aji James	M.A., B.Ed	03-06-2013	1 month
Ms. Vimsy Geo	M.A., NET	03-06-2013	1 month
Ms. Heidi T. Chirayil	M.A., B.Ed	04-06-2013	1 ½ year

7. Student -Teacher Ratio

Year	**BA Literature**	**BACE**	**MA**
2012-13	37:1	24:1	12:1

8. Details of ongoing projects of Faculty :

Minor Project- Completed – **1** (Smt. Judith Sebastian)

9. Publications by faculty

Name of the Faculty	**Publications**			**Presentations**
	Journal		Proceedings	
	Int-Nat	National	National	National
Ms.Judith Sebastian	1	5	1	3
Ms. Theresa Thomas		5		1
Ms. Neethu Tessa Baby		1		1
Ms. Sonia Sebastian		1		
Ms. Sherin Mathichiparambil		2		
Ms. Amal Mathews				1
Ms.Kiran Maria Jose				1
Ms. Heidi T. Chirayil				1

10. Courses/Seminars/ workshops attended by Faculty

EVALUATIVE REPORT OF THE DEPARTMENTS

Note : The format for department evaluation has been modified and entries have been reduced to a minimum. This is to avoid repetition of data given in the criteria-wise report, as instructed in the NAAC guidelines

Name of Faculty	Refresher, Orientation, training			Seminars (subject-related)		Seminars (general)
	R	O	T	National	International	National
Ms.Humcy Thomas			1	3		1
Ms. Vilasini Pillai			2		1	
Ms. Judith Sebastian	1		3	5	1	
Ms. Theresa Thomas	2		3		1	5
Ms.Minu Mary Mathew		1		1	1	
Ms.Rosmi Lukose		1	2	1	1	
Ms. Amal P. Mathews			1	2	1	1
Ms.Tanya Brigit Mathew			1			
Ms.Neethu Tessa Baby			1			
Ms.Sruthi Vinayan				2	1	
Ms.Lata Mani					1	
Ms.Jennifer Alexander					1	
Fr. Teddy C. Anthappai		1				
Ms.Sonia Sebastian	1					

11. Area of consultancy

Name of Faculty	Area of consultancy	Beneficiary
Ms.Vilasini Pillai	HR Trainer for MCA, MBA Engineering students at Hindustan University, Chennai, 5-24 June 2008.	MCA, MBA Engineering students
Ms.Athira Prakash	Resource persons for Kerala Institute of Local Administration and part of their women empowerment programme	Local Women
Ms.Kiran Maria Jose	Resource persons for Kerala Institute of Local Administration and part of their women empowerment programme	Local Women
Ms.Sonia Sebastian	Resource persons for Kerala Institute of Local Administration and part of their women empowerment programme	Local Women

12. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	Details of Service provided with period
Ms.Humcy Thomas	Member of the PG English Board of Studies of the University from 2005-2009 Chairperson, IV Semester CBCSS Core Paper March 2012 Deputy Chairperson, IV Semester Common Course in English March 2013 Deputy Chairperson, II Semester Common Course in English, March 2013
Ms.Vilasini Pillai	Chairperson-Board of Examiners of BACE from 2005 onwards Deputy Chairperson- Changanacherry zone - the Communication Skills in English - February 2013 Coordinator of ASAP (State Govt.)
Ms.Judith Sebastian	Academic Counselor at IGNOU from 2002 onwards. Resource Person - Workshop on Research Methodology in Literature in English - Mar Ivanios College Trivandrum , 20/11/2009. Resource Person ASAP 2012 - 2013
Ms.Theresa Thomas	Chairpersons of Board of Examiners of BAComm.English, Resource Person ASAP 2012 - 2013
Ms.Amal P Mathews	Resource Person ASAP 2012 - 2013
Ms.Neethu Tessa Baby	Resource Person ASAP, 2012 - 2013

13. Awards / Recognitions received by students

Item	Prize	No. of Prizes	Level	Year
Recitation	I	1	Inter university	2007-2008
Western group music	II (2)	2	Inter Collegiate	2008 -2009
Thiruvathira	I,II,III(2)	4	Inter Collegiate	2008,2009, 11,13
Folk song	III	1	Inter Collegiate	2008 -2009
Elocution	I(4), II (2)	6	Inter Collegiate	2009,10,11,12,13
Debate	I (4)	4	Inter Collegiate	2011 -2012,13
Margam kali	II (2)	2	Inter Collegiate	2011 -2012
Quiz	I,II(2), III	4	Inter Collegiate	2011-2013
Story Writing	I	1	Inter Collegiate	2011 -2012
Oppana	I	1	Inter Collegiate	2011 -2012
Eng. Extempore	A Grade			2011-2013
Kathaprasangam	A Grade			2011-2013
Photography	A Grade			2011-2013

14. List of eminent academicians and scientists/ visitors to the department
    1. Dr Xavier Alphonse (Former Principal, Loyola College, Chennai)
    2. Dr Kalyani Vallath (TES Academy)
    3. Dr Sujatha (MG Uty. Syndicate Member and HOD, NSS College, Changnacherry)

15. Seminars / Conferences/Workshops organized & the source of funding

Name of Seminar/ Conference	**Collaborating Agency**	**Date**	**Funding Received**	**Beneficiary**
Two day Women Empowerment workshop	UGC and Dept. of Student Services, MG Uty	12-13 Sept. 2012		Teachers and Students
Additional Skill Acquisition Programme	Government of Kerala	May & June 2013	10,00,000	Students

16. **a)** Student Profile

Name of the Programme	**Year**	**Applica-tions received**	**Selected**	**Enrolled**
BA English	2007-08	105	51	49
	2008-09	164	51	49
	2009-10	242	51	43
	2010-11	522	49	45
	2011-12	79	51	52
BACE	2007-08	58	26	26
	2008-09	155	32	27
	2009-10	58	37	26
	2010-11	115	28	30
	2011-12	53	39	33
MA English	2007-08	25	8	21
	2008-09	28	10	8
	2009-10	54	19	10
	2010-11	29	20	19
	2011-12	34	20	17

b) University examination results

Year	**Appeared**			**Pass %**			**University Ranks**	
	BA	BACE	MA	BA	BACE	MA	BA	BACE
2007-08	49	26	21	94	69	81		II
2008 - 09	49	27	8	98	68	50	II	II, III
2009 - 10	43	26	10	100	96	50	III	I, II, III
2010 - 11	45	30	19	91	100	95	I	I, II, III
2011 - 12	52	33	20	100	100	55		

c) Input output analysis

BA Literature	**2008-09**		**2009-10**		**2010-11**		**2011-12**	
	Input	Output	Input	Output	Input	Output	Input	Output
> 90	0	0	0	0	0	0	A-11	A-11
75-90	5	2	5	2	3	1	B Grade 41	38
60-75	17	24	29	21	14	17	-	Grade C -3
< 60	30	22	8	17	32	28		

BACE %	2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output
>90	0	0	0	0	0	0	0	0
75-90	1	3	2	2	1	1	5	1
60-75	9	11	13	21	13	17	15	9
<60	7	5	8	17	11	28	4	18

17. Diversity of Students:

Course	**Year**	**Same State**	**Other State**	**NRI**
B A English Literature	2007-'08	44	1	4
	2008-'09	48	Nil	1
	2009-'10	43	Nil	-
	2010-'11	42	2	1
	2011-'12	49	2	1
	2012-'13	45	4	3
B A Communicative English	2007-'08	23	1	2
	2008-'09	23	1	3
	2009-'10	23	1	2
	2010-'11	23	1	6
	2011-'12	29	1	3
	2012-'13	27	2	3
M A English	2007-'08	20	Nil	1
	2008-'09	7	1	-
	2009-'10	10	Nil	-
	2010-'11	18	1	-
	2011-'12	16	Nil	1
	2012-'13	22	1	Nil

18. Number of students who have cleared NET, SET and other competitive examinations

Exam	2007- 08	2008- 09	2009- 10	2010-11	2011 - 12	2012-2013
NET	1	2	1	1	1	3

19. Details of Infrastructural facilities

Library facilities	Internet facility	Classroom with ICT	Laboratory
Books and Journals available	Computer with internet facility available	Classroom with LCD projector	Language Lab with 16 stations and 5 computers, 29 inch TV, VCR and DVD.

20**.** Number of students receiving financial assistance from the college, university or government

Year	SC	KPCR	OBC	OEC	Fishermen
07-08	5	24	4	6	15
08-09	5	10	7	5	15
09-10	5	15	7	4	17
10-11	5	16	6	2	19
11-12	12	-	5	2	17
12-13	11	-	3	Nil	11

21. Number of value added programmes offered by the dept to its students: **15**

22. Teaching methods adopted to improve student learning

- ICT based teaching ,Conducting assignments, seminars group discussions
- Bridge Course for freshers and Remedial coaching for slow learners
- Book bank,Soft skill training, Internship in reputed firms
- Manuscript magazines, Documentary production, , campus newsletter by BACE students
- Training in research methodology for B.A. and M.A. students
- Surveys ,Training for literary competitions
- Screening of classic movies related to syllabus

23. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Charity collections on Fridays from 2007-2013 Rs 16,425 /
- Missionday Collections from 2007-2013 Rs 53,545/
- Supporting AIDS patients from 2007-2013 Rs 30,000/
- Rs 22,150/ raised to build home for a student 2012.
- Charity visits to Old Age Homes, Orphanages, Home for the Mentally Challenged

- Sruthi Suresh and Rachana Renukumar were trained as Peer Educators by the NSS, Kerala State AIDS Control Society 12-15 August 2010.

24. Details of Collaboration / Tie up

Collaborating Agency	Purpose of collaborations
Training students for acquisition of skills relevant to the industrial and social sector. (ASAP)	Government of Kerala
AIR, Media, Advertising Agencies, Public Relations Firms and Event Management firms	On – the Job training for BA Communicative English students

25. SWOC analysis of the Department and Future plans

Strengths • Dedicated faculty • Teamwork • Good Results • Courses are in high demand.	**Weaknesses** • Large number of students • Inadequate learning resources. • Guest faculty keeps changing because of self-financing status of two courses.
Opportunities • Necessity of language skills in all kinds of jobs. • More options in higher studies • Greater number of students for co-curricular and extension activities	**Challenges** • Engage in research work along with hectic academic schedule • Poor standard of English of majority of freshers. • Limited time to finish portions.

Future Plans

- Develop the department into a Research Centre
- Organize National / International Seminars
- Take up more Major/ Minor Research Projects
- Increase Extension activities
- Enhance ICT resources
- Subscribe to more journals and procure more books and DVD's for the Department library.

EVALUATIVE REPORT OF THE DEPARTMENT OF ORIENTAL LANGUAGES

1. Name of the department: **Dept. of Oriental Languages**

2. Year of Establishment : **1953**

3. Names of Programmes / Courses offered :

Course Name	Choice based course (Elective)	Self financing/Aided
BA Malayalam	Women Writings in Malayalam Literature	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Years
1. Study on Media 2. Environment & Literature	Open course ,,	2011-2012
1. Practicing lessons in public speaking 2.Skill development in Handicrafts	Enrichment Module ,,	2008 - 2012 2012 - 2013
Journalism & Mass communication (Certificate, Diploma ,Advanced Diploma)	Add on Course	2007- 2013

5. Participation of the department in the courses offered by other departments

Department	Programme
English	Add on Course in Journalism & Mass Communication

6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	Experience in years
Permanent Faculty				
Ms.Suma Cyriac	M.A, B.Ed, NET submitted Thesis	Asso.Prof.	Malayalam	18
Dr.Susy Joseph	M.A ,B.Ed,PhD	Asso.Prof	Malayalam	18
Dr. Sr.Margaret Maria Jose	M.A,B.Ed,NET,PhD	Asst.Prof	Malayalam	8
Ms.Jaisymol Augustine	M.A,B.Ed,NET Pursuing Research	Asst.Prof	Malayalam	7
Sr.Jesseena Mathew	M.A,B.Ed,NET	Asst.Prof	Malayalam	4
Dr.S.Meerabhai Amma	M.A, B.Ed, MPhil, PhD	Asso.Prof	Sanskrit	18
Dr.Jinsamma Joseph	M.A,MPhil,PhD	Asso.Prof	Hindi	20

Faculty Awarded Ph.D – Sr.Margaret Maria Jose- December 2012

7**.** Percentage of lectures delivered and practical classes handled by temporary faculty-

Year	Percentage of theory hours handled
2012-13	Nil
2011-12	Nil
2010-11	19
2009-10	19
2008-09	21
2007-08	Nil

8**.** Student –Teacher Ratio

Year	UG	UG (Add.Language) I, II,III & IV Semesters	
		Malayalam	Hindi
2012-13	31:1	188:1	250:1

9. Departmental projects:
   IT mission of Kerala Govt. provided – 1 GB web space for designing a *Kalalayam* website. A programme in collaboration with Assumption Community College & Akshaya (Computer literacy and services project) of Kerala Govt.

10. Publications , Presentation and Books Authored :

Publications by Faculty		Publications by Students	Presentations			Books authored
Name	Magazine		Int-Nat	National	State	
Mrs.Suma Cyriac		Krishna Priya S – 1(Novelet)		1	2	
Dr.Susy Joseph		Arundhathy S – 1 (Poem)		1	2	2
Sr. Margaret Maria Jose	-	-	-	1	-	-
Ms.Jaisymol Augustine	4	-	-	-	1	-
Dr.Jinsamma Joseph	-	-	1	-	-	-
In house Magazine - *Kelikottu*						

11. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	Refresher, Orientation training			Seminars (subject-related)		Seminars (general)	
	R	O	T	National	Int – National	National	Int-National
Ms.Suma Cyriac	1		1	2		1	
Dr.Susy Joseph			1	3			
Dr. Sr.Margaret Maria Jose	1	1	1	1		1	
Ms.Jaisymol Augustine	1	1	1	1			
Sr.Jesseena Mathew	1	2	1	3			
Dr.S.Meerabhai Amma	1		1			1	1
Dr.Jinsamma Joseph	1			4	1		

12.Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc.

Name of Faculty	Details of Service provided with period
Dr.Jinsamma Joseph	UG Board of Studies Member –Mahatma Gandhi Uty, From 2005-2008
	Vigilance Squad member of examinations of M.G Uty from 2012 onwrads
Dr.SusyJoseph	UG Board of Studies Member –Mahatma Gandhi University From 2005-2008
	Set Question paper for CMS college for Arts &Science (Autonomous)Chinnavedampetty on 2010 march ,2010 December ,2011 March ,2012 March &2013 March
Dr. S Meerabhai Amma	Secretary of Gruhalakshmi vedi of Mathrubhoomi From2007-2009& President of Gruha lakshmi vedi of Mathrubhoomi from 2011-2013
	Resource Person – SABALA, Kollam. 2012
	Expert Committee convenor of Sanskrit of M.G Uty Ktm from 2013
Dr.Sr.Margaret Maria Jose	Question paper setter for CMS college for Arts &Science (Autonomous) Chinnavedampetty on 2012 March &2013 March)
	Take mind mastering course for several Groups in 2012 . (@ Rita Bhavan For Local Superiors of SABS congregation on sept.2012 ,For Faculty of Mary Rani Higher secondary School on 6th Nov.2012,Students of AKM public school on 7th Nov.2012)

Ms.Jaisy Mol Augustine	Editorial Member of Roopeekarana bhashyam of Danahalaya Publishings from-2011onwards
	Resource Person - women Empowerment for the Yuvadeepti youth wing of Arch Diocese of Changanasserry
Ms .Suma Cyriac	Resource Person – Violence against Women, at Kilimala S.H Higher Secondary School on 3rd March 2012
	Question paper Setter for CMS college for Arts &Science (Autonomous)Chinnavedampetty on 2010 march ,2010 December ,2011 March ,2012 March &2013 March
	Resource Person- violence against Women at Kilimala S.H Higher secondary school on 3rd March 2012
Sr.Jesseena mathew	Resource Person – NSS orientation programme for Plus 1 students of SKV Govt.H.S.S Neendoor 1nNovember 2010 &October 2011
	Resource Person- NSS orientation programme for Plus 1 students of SKV Govt.H.S.S Neendoor 1nNovember 2010 &October 2011
	District Assist. Co.ordinator of NSS Self reliance programme 2010-11

13.Awards/ Recognitions received by students

Item	Prize	Number of Prizes	Level	Year
Best Young writer in Kerala	I	1	State	2010
Short story writing	I	1	State	2009
Best young Novel writer	I	1	State	2009
Oppana	I	1	MG Uty	2008
Thiruvathira	II	1	MG Uty	2008
Essay competition	III	1	State	2009

14 **.** List of eminent academicians and scientists/ visitors to the department

1. Dr.B Revikumar –A folklore writer and folk art development society member (Associate Professor, Dept.of Malayalam N.S.S college) delivered a talk on June 6th 2011
2. Dr. P.S. Radhakrishnan (School of Letters, M.G University) delivered a talk on Fundamentals of Paper Presentation on February 23, 2012

15. Seminars / Conferences/Workshops organized & the source of funding

a) National-1

Name of Seminar/ Conference	Collaborating Agency	Date
Media & Culture	-	3/12/2008

b) State / regional

Name of Seminar/ Conference	Collaborating Agency, if any	Date
A workshop on Unicode training for kalalayam website	Akshaya & I T mission, Govt of Kerala	10/2010

16. a) Student profile

Name of the Course/programme B.A Malayalam	Applications received	Selected	Enrolled
2007-2008	35	33	30
2008-2009	35	30	28
2009-2010	47	33	31
2010-2011	26	25	20
2011-2012	CAP	31	31
2012-2013	CAP	31	31

b) University Examination Results

Year	No. Appeared	Pass Percentage	University Rank
2007-08	30	100	I, II, III(2)
2008-09	28	100	
2009-10	31	100	
2010-11	28	100	IV
2011-12	31	98	
2012-13	19	96	

c) Input output analysis

UG	2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output
< 90%	5	25	10	35	10	40	10	50
75-90%	15	60	5	50	30	40	30	40
60-75%	70	10	75	10	50	18	50	7
> 60%	10	5	10	5	10	2	10	3

17.Diversity of Students:

Year	% of students from the same state	% of students from other States	% of students NRI
2007-2008	100	Nil	Nil
2008-2009	96.4	4	Nil
2009-2010	100	Nil	Nil
2010-2011	100	Nil	Nil
2011-2012	100	Nil	Nil
2012-2013	97	3	Nil

18.Nunmber of students who cleared national and state competitive examinations

Year	2007 – 08	2008 -09
NET	2	3
SLET	1	Nil

19.Student progression.

Year	Student progression Against % enrolled		
	UG to PG	UG to BEd	Employed
2007-08	50	40	10
2008-09	68	22	5
2009-10	90	10	Nil
2010-11	67	23	7
2011-12	91	5	2
2012-13	80	5	2

20. Details of Infrastructural facilities

Library facilities	Internet facility for staff and students	Classroom with ICT facility
Reference books – 288 Book Bank– 45	Available	LCD Projector -1 Computer -1

21. Number of students receiving financial assistance from college, university, government or other agencies

Year	SC/ST	KPCR	OBC	OEC	Fishermen	Students Aid Fund	Uty. Merit Sch
2007-08	11	23	3	5	1	Nil	3(Rs.8250
2008-09	14	23	3	7	Nil	1(Rs.350)	Nil
2009-10	9	25	4	8	Nil	1(Rs.350)	Nil
2010-11	10	26	3	7	3	4(Rs.1400)	Nil
2011-12	10	28	6	9	2	7(Rs.2450)	Nil
2012-13	8	28	5	10	3	Nil	Nil

22. Number of value added programmes offered by dept. to its students :**12**

23. Teaching methods adopted to improve student learning

- Bridge course, Seminars, Demonstration and presentation of classical and Folk arts.
- Art film shows and talks about cinematography ,Cultural study tours
- Surveys on behalf of Folklore Club
- Assignments, Seminars, Paper presentation, Model classes by students
- Quiz competition., Monthly Test papers, Debate, Group discussions

- Visits to media houses, cultural museums and folk art galleries
- **Advanced learners and Slow learners** are categorized and the following programmes are arranged for both of them.
  a) Group discussions to promote Analytical Skills and group dynamics
  b) Seminars to promote Presentation Skills
  c) Book & article reviews to promote Writing skills
- Audio visual aids/multimedia are used for documentary show of PADAYANI and film shows

24. Participation in Institutional Social Responsibility (ISR) and Extension activities
    - Conducting outreach programme to Providence Home, Kunnamthanam
    - Folklore club conducts surveys on Folk Culture of our society
    - Presentations of Folk and classical art forms on stage to school students
    - Students of the department are NSS members & volunteers.
    - A project on **rain water harvesting and ground water enrichment** in 2012
    - Green House Farming - a joint venture with MSW department
    - Faculty members – **Sr.Jesseena Mathew & Dr.S Meera Bhai Amma** - Programme officers of NSS – 2009-10 &2011-13.
25. Details of collaborations/tie-up

Purpose of Collaboration	**Collaborating Agency**
For Thanima folklore club	Kerala Folklore Academy Kannoor
For Kalalayam Website	Akshaya project of Kerala Govt.
For water harvesting project	CHASS, Changanacherry

26. SWOC analysis of the Department and Future plans

Strengths	**Weaknesses**
• .Faculty 70% Ph .D holders and 30% Ph. D Scholars • We conduct socially useful programmes for our students and school students • Designed the first Malayalam website of Kottayam District • Conduct of Paper presentations by students • Programmes for U.G students • Encouraging creative works through *Arangu* • Arranging rain water harvesting & ground water enrichment project	• Lack of P.G programme • Poor economic background and knowledge level of students
	Challenges ▪ The heavy syllabus ▪ lack of students basic knowledge
	Opportunities • Add on course in Journalism provides future job perspects for students • Folklore club • A website for publishing students articles • An enrichment module for developing students skills in Handicrafts

Future Plans

- To complete a project on Folklore.
- To stage a classic art every year
- To make new collaborations with Govt. departments
- To do an extension programme in Language Improvement
- To conduct national seminars
- To take up new minor projects
- To start a P.G programme.

EVALUATIVE REPORT OF THE DEPARTMENT OF MATHEMATICS

1. Name of the Department : **Mathematics**
2. Year of Establishment : **1963**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/Aided
B Sc. Mathematics	Operations Research	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Years
Applicable Mathematics	Open course	Since 2010
Computer Based Mathematical Statistics (CBMAS)	Add on course	Since 2012
Practice test Series in Reasoning and Quantitative Aptitude	Enrichment Module	Since 2007

5. Participation of the department in the courses offered by other departments

Department	Programme
Physics & Chemistry	Complementary Mathematics (Semester I,II,III,IV)
Computer Science	Complementary Mathematics (Semester I,II,III)
Economics	Quantitative Economics

6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	Experience
Ms.Rosamma V A	M.Sc., M.Phil.	Asso. Prof.	Real Analysis	24 years
Ms.Rinsy Thomas	M.Sc,B.Ed., M.Phil.	Asso. Prof.	Operations Research	17.5 years
Ms.Jikcey Issac	M.Sc., B.Ed., Ph.D	Asst.Prof.	Statistical Calibration	13 Years
Ms.AnnMaryPhilip	M.Sc	Asst. Prof.	Fuzzy Graphs	6.5 years
Ms. Jayasree Thomas	M.Sc	Asst.Prof.	Fuzzy Mathematics	1 year

7. Percentage of lectures delivered and practical classes handled by temporary faculty

Year	Percentage of theory hours handled
2011-12	13
2010-11	36
2009-10	40
2008-09	40
2007-08	20

8. Student –Teacher Ratio: 29:1
9. Teachers newly appointed:
    - Dr.Jikcey Isaac-March 2009
    - Ms.Annmary Philip- Sepetmber 2010
    - Ms.Jayasree Thomas-March 2012
10. Details of ongoing projects of Faculty : UGC sponsored Minor Project : 1
11. Publications by faculty: ***(National)*****Publications:**

Faculty	Publications		Presentations
	Natioal	International	
Dr.Jikcey Isaac	1		4

No. of presentations by students : **5**

12. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	**Refresher,Orientation Training**			**Seminars**		
				National	**Internati onal**	**Gene ral**
	R	**O**	**T**			
Ms Rosamma V A			1	10	1	12
Ms Rinsy Thomas	1			2	1	2
Dr.Jikcey Issac	1	1		6	1	3
Ms. Ann Mary Philip			1	1	1	1
Ms. Jayasree Thomas			1	1	1	0

13. Area of consultancy

Area of consultancy	**Beneficiary**
Statistics for Research Analysis	Students and Research Scholars

14. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	**Details of Service provided with period**
Ms.Rosamma V.A	Management nominee in the selection committee of faculty members in 2010&2012
Ms.Rinsy Thomas	PSC Question papers Setting Board May 2013

15. Awards/ Recognitions received by Students

Item	**Prize**	**No. of Prizes**	**Level**	**Year**
Rank	I	1	MG University	2008
Mathematics Quiz Competition	I, II	69	State	2007-2012
Prathibha Award	I	2	State	2013

16. Collaboration **:** PSC Coaching with Assumption Community College.
17. List of eminent academicians and scientists/ visitors to the department
    1. Dr. S Kumarasan,Central University Hyderabad,
    2. Dr. Jayanthan,IIT Chennai,

3. Dr. P.S Sreenivasan,BharathidasanUniversity,Trichy
4. Dr. A Santhanam, IIT Kanpur
5. Dr. AM Mathai, Emeritus Professor, Mc Gill University Canada
6. Smt. Mini Antony IAS, District Collector
7. Dr. T. Thrivikraman, Kannur University, Academic Secretary, Kerala Mathematical Association.
8. Dr. R. Sivaramakrishnan, Calicut University.
9. Dr. Rajkumar Dare, Head of the Department, Department of Mathematics, Madras Christian College.
10. Dr. V. Lakshmana Gomathi Nayagam, NIT, Trichy
11. Dr. A Vijayakumar, Cochin University of Science and Technology
12. Dr. A Sunny Kuriakose, Principal, B.P.C. College, Piravam
13. Dr. Sunil Jacob John, NIT, Calicut
14. O.T. George, Director, Kristu Jyothi College of Management & Technology, Changanacherry
15. Dr. Sunil Mathew, NIT Calicut

18. Seminars/ Conferences/Workshops organized & the source of funding

a) National

Name of Seminar/ Conference	Collaborating Agency	Date	Funding received
Discrete Mathematics And Its Applications		1-3-2012 to 3-3-2012.	Management
Recent trends in Operations Research	UGC	Sanctioned in April 2013	UGC

b) State / regional

- **MAPS –** *Mathematics Advancement Programme For Schools* **–** Conducts regularly from 2010.
- **ZIGMA-** All Kerala Inter Collegiate Mathematics Quiz Competition -Conducts regularly from 2010
- **EUREKA -** Golden Jubilee Memorial Inter collegiate Problem Solving contest – Conducts regularly from 2012
- **MATHS FEST –**Conducts regularly from 2012.

19. a) Student profile

Year	Applications received	Selected	Enrolled
2007-08	205	70	66
2008-09	277	70	59
2009-10	232	70	44
2010-11	210	50	48
2011-12	CAP	51	44
2012-13	CAP	55	45

b) University examination results

Year	No. Appeared	Pass Percentage	University Rank
2006-07	34	94	
2007-08	36	94	
2008-09	36	94	II
2009-10	65	95	
2010-11	58	88	
2011-12	44	93	

c) Input output analysis

%	2007-08		2008-09		2009-10		2010-11		2011-12	
	input	output	input	output	input	output	input	output	input	output
>90	8	10	9	1	2	2	4	2	nil	4
75-90	3	8	7	13	8	12	8	9	18	11
60-75	15	13	10	12	11	24	8	18	23	19
< 60	9	4	4	4	44	15	38	19	3	7

20. Diversity of Students:

Year	No. of students from the same state	No. of students from other states	No. of NRI students
2007-08	35	1	5
2008-09	54		5
2009-10	38	1	5
2010-11	40	1	4
2011-12	40		4
2012-13	51		2

21. Number of students who have cleared national and state competitive examinations

Exam	2008- 09	2010-11
NET	1	3

22. Student progression.

Student progression	Against % enrolled					
Year	2007	2008	2009	2010	2011	2012
UG to PG	74	78	79	65	55	78
UG to B.Ed.	20	15	14	28	30	14
Employed	22	18	17	24	19	21
Campus selection	5	4	3	2	4	3
Other than campus recruitment	6	8	9	7	6	8

23. Details of Infrastructural facilities

Library facilities	**Internet facility for staff and students**	**Classroom with ICTfacility**	**Laboratory**
Reference books – 118 Journals - 2 Book Bank – 60	Available	LCD Projector -1	MATH LAB

24. Number of students receiving financial assistance from college, university, government or other agencies

Year	**Student Aid fund**	**KPCR**	**University merit scholarship**	**Kerala State Higher Education Scholarship**	**Kerala State Higher Education Scholarship**	**Suvarna jubilee scholarship**
2007	3	37	0	0	0	0
2008	0	46	1	0	0	1
2009	3	45	0	1	0	0
2010	0	42	0	0	0	0
2011	0	43	0	0	0	0
2012	3	46	0	9	16	0

25. Number of value added programmes offered by dept to its students: **19**

26. Teaching methods adopted to improve student learning

- ICT
- Tutorial
- Quiz
- Brain storming sessions and problem solving contests

27. Participation in Institutional Social Responsibility (ISR) and Extension activities.

- The faculty whole-heartedly co-operate with the Atmata Kendra's 'SUPPORT A CHILD'.
- MISSION DAY COLLECTION – Rs. 52480/-
- Conducting Out Reach programmes in every year,
- Two of our faculty members are working as Sunday School Teachers.
- Ms.Rosamma V.A – Member of Pastoral Council, Forane Council, Parish Council

28. SWOC analysis of the Department and Future plans

Strength	**Weakness**
Good teacher student relationship A good collection of books in Department library. Team work of teachers & advanced learners Variety of Mathematical Models	No P.G Course in Mathematics(applied but not yet sanctioned) lack of good communication skills Weak in Research

Challenges	**Opportunities**
To teach students of different levels of Intelligence Insufficient time to gain deep knowledge in subject for students To bring up below average students to average level	More placement opportunities for students in banks, in Research ,in teaching & IT fields

Future Plans :

- Major Projects
- PG Courses in Mathematics & Actuarial Science

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE

1. Name of the Department : **Computer Science**
2. Year of Establishment : **1995**
3. Names of Programmes / Courses offered :

Course Name	Choice based course(Elective)	Self financing/Aided
B.Sc Computer Science	Client Server Computing Image Processing 2011-12	Aided
M.Sc Computer Science	VB .NET, SQL Server	Self Financing

4. Names of Interdisciplinary courses and the departments/units involved-

Course	Type	Years
Internet, Web Programming and Cyber laws	Open course	Since 2010
TALLY	Add on course	Since 2008
MS Office and PC hardware	Enrichment Module	Since 2005

5. Participation of the department in the courses offered by other departments

Department	Programme
B.Com	Core optional (Semester III, IV, VI)
Botany	Core course (Semester II)
Zoology	Core course (Semester VI)

6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	Experience
Permanent Faculty				
Sr. Thresiamma Devasia	MCA, MPhil	Asso.Prof.	Computer Application	18 years
Ms.Sarah Mendez	MCA, MPhil	Asst. Prof.	Computer Application	17 years
Ms.Linz Tom	MSc	Asso.Prof.	Computer Science	17 years
Ms.Mary Jaya V.J.	M.Sc;M.Tech (Elect)	Asst.Prof.	Digital Electronics, Computer Tech.	8.5 years
Ms.Sherin Babu	MCA	Asst.Prof.	Computer Appl.	3 years
Guest Faculty				
Ms.Wincy Abraham	M.Sc	G.Lect	Computer Science	7 years
Ms.Aby Rose Varghese	M.CA	G. Lect	Computer Application	4.5 years
Ms.Therese Kuruvilla	M.Sc	G. Lect	Computer Science	6.5 years
Ms. Ann Joseph	MCA	G. Lect	Computer Application	5.5 years

7. Percentage of lectures delivered and practical classes handled by temporary faculty - **PG -** 100%
8. Student -Teacher Ratio- 15:1 **(UG)** 10:1 **(PG)**
9. Number of academic support staff (technical) : 1

Name	Qualification	Designation
Smt. Annamma Varghese	B.Sc, PGDCA	Technical Assistant

10. Details of ongoing projects of Faculty
    a. Minor projects funded by UGC (Completed): 4
11. Publications:

Faculty	Publications	Presentations
Sr. Thresiamma Devassia	2	1
Ms.Sarah Mendez	1	
Ms.Sherin Babu	1	1
Ms.Wincy Abraham		1
Ms.Mary Jaya V.J		1

c) Publications/ Presentations by students
International : **3** National : **3**

12. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	Refresher	Orientation	Seminars	
			(subject-related)	(general)
Sr. Thresiamma Devassia	2	1	6	5
Ms. Sarah Mendez	1	-	3	4
Ms. Linz Tom	2	1	3	4
Ms. Mary Jaya V.J	1	1	3	2
Ms. Sherin Babu	-	1	2	4
Ms. Wincy Abraham	-		4	5
Ms. Reenu Paul	-		1	0
Ms. Rani D Puthucherry	-		1	1
Ms.Ann Joseph T	-		1	

13. Areas of consultancy

Consultant	Area of consultancy	Beneficiary
Sr. Thressiamma Devassia	Software developed	Parish

14. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, External universities etc

Name of Faculty	Details of Service provided with period
Sr. Thressiamma Devassia	Board Member, PG and UG Board of Studies Since 1999 Member IEEE year 2011-2012, Secretary Kerala Southern Region Xavier Board 2011-'13, Course Co-ordinator Media Communication Catechism Resource person UGC sponsored SAM workshop and TOT workshop, Chair Person – I Sem Examination –(2009 -11)
Ms. Sarah Mendez	Member IEEE year 2008-2009 Member in Kerala Mandabudhi Kshema Samithy from 2011 onwards Question paper setter for PSC Examination - October 2012
Ms. Linz Tom	Question paper setter for PSC Examination - April 2013 The Zonal Chairperson for V Sem CBCSS Examination 2011-12, Chairperson for IV Sem CBCSS Examination 2012-13
Ms. Mary Jaya V.J	Inspection Commission Member
Ms. Sherin Babu	Member in The Indian Science Congress Association from August 2012.

15. Awards/ Recognitions received by Students

Item	Prize	No. of Prizes	Level	Year
Rank	I, II	2	MG Uty	2007,2011
IT Quiz	I	1	State	2008
Youth Festival	III,II, A Grade	7	MG Uty	2008, 12,13

16. List of eminent academicians and scientists/ visitors to the department
    1. Prof. Sherimon P.C, Hi-Tech Engineering College, MUSCAT
    2. Dr. John M. Joseph, St. Joseph's College, Madhurai, Tamil Nadu
    3. Smt. Mini Antony IAS, District Collector
17. Seminars/ Conferences/Workshops organized & the source of funding :

National: 1

Name of National Workshop	Funding Agency	Date	Funding received
Working with SPSS	UGC	July 2011	60,000/-

a) Student profile

B.Sc and M.Sc. Computer Science

Year	Applications received		Selected		Enrolled	
	B.Sc	M.Sc	B.Sc	M.Sc	B.Sc	M.Sc
2007	310	17	38	12	30	12
2008	390	15	33	19	32	19
2009	118	22	26	13	24	13
2010	101	16	30	19	27	18
2011	CAP	22	26	22	24	22
2012		CAP	30	15	29	15

b) University examination results

Year	Appeared		Pass %		University Ranks	
	B.Sc.	M.Sc.	B.Sc.	M.Sc.	B.Sc.	M.Sc.
2007-08	23	6	87	100	I	
2008 - 09	26	13	96	100		
2009 - 10	29	9	90	66		
2010 - 11	33	17	91	89		II
2011 - 12	24	18	92	89		

c) Input output analysis

%	2007-08		2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output	Input	Output
> 90	0	0	0	0	0	2	0	0	0	
75-90	21	9	1	10	8	21	3	10	3	4
60-75	10	17	22	14	19	6	19	17	12	22
< 60	10	3	1	0	2	0	5	0	12	1

18. Diversity of Students

Year	B.Sc			M.Sc		
	State	Other State	NRI	State	Other State	NRI
2007-‘08	97	-	3	93	-	7
2008-‘09	94	6	-	91	-	9
2009-‘10	88	8	4	95	-	5
2010-‘11	85	4	11	100	-	-
2011-‘12	88	8	4	95	5	-
2012-‘13	91	6	3	80	20	-

19. Number of students who have cleared national and state competitive examinations

NET	Bank Test	Postal Department	Civil services (prelim)
2 (2012)	2	2008-09 (1), 2009-10(1)	1

20. Student progression

Student progression	Against % enrolled									
	2007- 08		2008-09		2009-10		2010-11		2011-12	
	B.Sc	M.Sc	B.Sc	M.Sc	B.Sc	M.Sc	B.Sc	M.Sc	B.Sc	M.Sc
UG to PG	82	-	78		73		75		60	
Campus recruitment	12				7		13		25	
Employed		72	3	80		75	3	85		85

21. Details of Infrastructural facilities

Library facilities	Internet facility for staff and students	Classroom with ICT facility	Laboratories
Reference books – 48 Journals -3 Book Bank – 18	Available	1	Laboratories - 2 BSc Lab with 34 Comp. MSc Lab with 24 comp.

22. Number of students receiving financial assistance from college, university, government or other agencies

Year UG	SC/ ST	OEC	O B C	Paloli I	Fishe rmen	KP CR	Kstate Merit	Post matric	Single Girl child	Othe rs
2007-08	3									
2008-09	3		1							
2009-10	2									
2010-11								5		
2011-12	3	2	2	3	1	6	1	8		3
2012 -13	6					7	1	6		3
PG 2010-11							2			
2011-12							2		1	1
2012 -13							2		1	1

23. Number of value added programmes offered by dept to its students: 1**3**
24. Teaching methods adopted to improve student learning
    - Web based assignments, ICT based seminars and Project presentation.
    - Bridge Course for First year students

- Student centered and Interactive method
- Tutorial session for slow learners.
- Provides seminars and case studies for advanced learners.
- Advanced learners –Conduct ICT presentation for junior students.

25. Participation in Institutional Social Responsibility (ISR) and Extension activities
    - Conducted classes on E-waste management, Seminar cum exhibition on hardware and assembling
    - Charity visit and mission day collection in every year
    - Students participation in Noon meal scheme, Old Cloth Collection, Fasting Day.
26. SWOC analysis of the Department and Future plans

Strength	**Weakness**
Elective courses offered by the department Well equipped lab Organising seminars on Current Technologies Notice board presentation on recent developments	Students who are graduated in subjects other than computer science find difficulty in PG studies. Lack of collaboration with IT firms. Inavailability of research facilities
Opportunity	**Challenges**
Campus recruitments in reputed IT companies	The Recession in the IT industry

Future plans

- Organize National seminars and Inter-collegiate IT Quiz competitions
- To Conduct IT based exhibition and Talks for students of neighbouring Govt Schools
- To publish Books and Department Magazine.
- Enhance number of Publications by Faculty.
- Collaboration with DRDO, Keltron etc.

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS

1. Name of the Department : **Physics**
2. Year of Establishment : **1957**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/Aided
B Sc Physics	Nanoscience & Nanotechnology	Aided
M.Sc Physics	Solid State Electronics	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Years
Energy and Environmental studies	Open course	Since 2010
Physics in Everyday Life	Enrichment Module	Since 2005

5. Participation of the department in the courses offered by other departments

Department	Programme
Mathematics	Complementary Physics (Sem I,II,III,IV)
Chemistry.	Complementary Physics (Semester I,II,III,IV)
B Com (IGNOU)	Physics 2010 onwards

6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specilization	Experience
Ms.Teresa C Joseph	M.Sc	Asso Prof.	Electronics	32 yrs
Ms.MarriaM Alphonse Thomas	M.Sc,B.Ed,M.Phil	Asso.Prof.	Electronics	32 yrs
Ms.Jessy Mathew	M.Sc	Asso.Prof.	Electronics	29 yrs
Ms.Lilly Joseph	M.Sc,M.Phil	Asso.Prof.	Electronics	28 yrs
Ms.Sumayamma George	M.Sc,MA Socio.	Asso.Prof.	Electronics	27 yrs
Ms.Regimol C Cherian	M.Sc,M.Phil,Ph.D	Asso.Prof.	Electronics, Thin FilmSc.	22 yrs
Ms.Joli Joseph	M.Sc , B.Ed	Asst. Prof.	Electronics	12 yrs
Ms.Marina Aloysius	M.Sc,Ph.D	Asst.Prof.	Electronics, Atmospheric Science	2 yrs
Ms.Joselin Xavier	M.Sc	Asst.Prof.	Electronics	1 year
Ms.Sherin Thomas	M.Sc,Ph.D	Asst.Prof.	Electronics Material Sc.	1year

Faculty Awarded Ph.D – Dr. Regimol C. Cherian - June 2009

Facuty Awarded MPhl - MarriaM Alphonse Thomas, 2008 , Lilly Joseph,2011

7. Percentage of lectures delivered and practical classes handled by temporary faculty-

Year	Percentage of theory hours handled	Percentage of practical hours handled
2007- 2012	16	15
2012-13	Nil	Nil

8. Student –Teacher Ratio (programme wise) 20:1**(UG),** 6:1 **(PG)**
9. Number of academic support staff (technical) : 4
10. Details of projects a) Faculty

Major/Minor Project & Status	Name of Investigator/s	Name of Funding Agency	Total Grant	
			Sanctioned	Received
Minor Project (Completed)	Dr. Regimol C Cherian	UGC	45,000	45,000
Major Project (on going)	Dr Sherin Thomas, (Pri.Investigator) Dr Regimol C Cherian & Ms Joli Joseph	UGC	12,00,000	8,00,000

b)Departmental Projects

Name	Funding Agency	Total Grant	
		Sanctioned	Received
PG Development Grant	UGC	6,60,000	3,96,000
FIST 2012	DST	67 ,00,000	awaiting

11. Publications by faculty

Name of the Faculty	Publications		Presentations		Books edited
	Journals	Proceedings			
	International	Inter National	Inter national	Nati onal	
Dr. Regimol C Cherian	4	1	2	4	3
Dr. Marina Aloysius	8		2	12	
Dr. Sherin Thomas	14		6	2	
Ms.Joselin Xavier		1	1	1	

12. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	Refresher, training		National Seminars	
	R	T	(subject-related)	(general)
Ms.Teresa C Joseph		1	1	1
Ms.Marria M AlphonseThomas				1
Ms.Jessy Mathew			1	1

Ms.Lilly Joseph			2	
Ms.Sumayamma George				1
Ms.Regimol C Cherian	1	2	1	8
Ms.Joli Joseph	2		3	
Ms.Marina Aloysius				1

13. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	**Details of Service provided with period**
Dr Regimol C Cherian	EC member of Kerala region &Life Member of IAPT , Life member ofThermo Physical Society of India
	Resource person for the International Conference on ' Inclusion : Understanding Children with Disabilities to build Inclusive Communities', January 11, 2012
	Editorial board member of Book with ISBN No. 978 – 81-907269-9-3
	Staff Co-ordinator for the Youth leadership Program conducted by Creek Toastmasters Club, Dubai at Assumption College for the year 2008-09
	College Managing Board member(2012-
	Subject expert in the selection committee for guest lecturer in NSS College, Chry
Ms.Marria M Alphonse Thomas	College Managing Board member

14. Awards/ Recognitions received by a) **Faculty**

Name of faculty	**Nature of recognition**	**Awarded by**	**Month & Year**
Dr.Marina Aloysius	The Best Paper Presentation Award in the National conference on "Emerging trends in Aerosols: technology and Applications"	Indian Aerosol Science and Technology Association (IASTA)	2007
Dr Sherin Thomas	The Best **Paper** Presentation Award in the National seminar on "Smart Materials for a Smarter World"	Dept of Physics ,SB college, Changanacherry in collaboration with Centre for Materials for Electronic Technology	2012
Dr Regimol C Cherian	Reviewer of International Journal	Elsevier Publication	2011

Dr Sherin Thomas	Reviewer of International Journal	Wiley	2010
Ms Joselin Xavier	The Best **Poster** Presentation Award in the National seminar on "Smart Materials for a Smarter World"	Dept of Physics ,SB college, Changanacherry in collaboration with Centre for Materials for Electronic Technology	2012

b) Students outstanding achievements –

Name of Student	**Nature of recognition**	**Awarded by**	**Year**
Ann Mary Mathew	First prize in the APT talent search examination	Academy of Physics teachers, Kerala	2012
Sonia P Jose	Attended NCC R D camp	Govt. of India	2013
Gopika P Pillai	Attended NCC National level camp		2012
Aleena Johnson	Second rank in the Youth Exchange Programme(2012) and was the only cadet from Kerala who represented India in Sri Lanka Passing out Parade	Youth Exchange Programme	2012
Reshma Rajendran	First in Inter collegiate Basket Ball Tournament held at Kottayam First in Inter collegiate Net Ball at Assumption College Member of M G University Basketball and Netball team		2011

c) At University level and beyond

Item	**Prize**	**Number of Prizes**	**Level**	**Year**
Quiz	I & II III(3)	2	State	2009 - 2010,2013
Essay Writing -	III	3	State	2009-10
Debates	I(7), II(6), III(3)	8	State	2008 – 2010
Project Presentation	III	1	State	2007-2008

15. List of eminent academicians and scientists/ visitors to the department
    1. Smt. Leena Rose Thomas, Sub. Divisional Engineer, Telecom Bhavan, TVM for a seminar on "Basic Communication techniques "
    2. Prof. Varkey Mathew for seminar on "Environmental Science and Global Warming"
    3. Dr. Manoj Rama Varma, Scientist, Regional Research laboratory, TVM for a talk on "magnetic properties of materials and magnetic refrigerator"
    4. Mr. Babu S. Thomas, Environmentalist, City University of New York for a talk on various issues like Carbon Cycle, role of CO_2 on climate change, etc.
    5. Sri. M. L. Joshi , Scientist(Rtd) from BARC, Bombay
    6. Sri. Thomas Kurian, Scientist(Rtd) from BARC, Bombay
    7. K. T. Balakrishnan, Scientist(Rtd) from BARC, Bombay
    8. K. K. Narayanan, Scientist(Rtd) from BARC, Bombay The four scientists of BARC visited for a seminar on 'Radiations around us'
    9. Dr. K. Indulekha, Asso. Prof. in Physics, SPAP, MG University
    10. Dr. Girija Vallabhan, Emeritus Prof. CUSAT
    11. Prof. P. R Madhava Panicker, Rajagiri School of Engineering and Technology
    12. Dr. N.V. Unnikrishanan, Director, SPAP, M.G University
16. Seminars/ Conferences/Workshops organized & the source of funding

    c) State / regional

Name of workshops	**Collaborating Agency**	**Date**	**Funding received**
2 day State level workshop on Methodology of Science	Kerala State Higher Education Council (KSHEC) and MG university	25-26/08/ 2011	Rs 25000/-
3 day State level workshop on Experimental Physics	Indian Association of Physics Teachers (IAPT)	7-9/03/2011	Rs.30000/-
3day state level workshop on enrichment programme on revised curriculum based experiments		1-3/02/2012	
Inspire Science Camp	DST	26- 30/ 11/2012	9,00,000

17. a) Student profile

Name of the Course/ Programme	Year	Applications received	Selected	Enrolled
BSc Physics	2007-08	104	62	52
	2008-09	107	56	45
	2009-10	196	58	46
	2010-11	484	41	36
	2011-12	CAP	48	45
	2012-13	CAP	45	40
MSc Physics	2007-08	52	14	14
	2008-09	52	12	12
	2009-10	47	13	13
	2010-11	CAP	11	11
	2011-12	CAP	14	14
	2012-13	CAP	11	11

b) University examination results

Year	Appeared		Pass %		University Ranks
	B.Sc.	M.Sc.	B.Sc.	M.Sc.	B.Sc.
2006-07	37	11	100	73	
2007-08	36	10	94	80	
2008 - 09	25	14	68	71	I
2009 - 10	52	12	90	70	
2010 - 11	45	13	82	77	
2011 - 12	46	11	89	73	

c) Input output analysis

BSc.	2007-08		2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output	Input	Output
>90	6	8	4	4	6	------	-----	-----	24	17
75-90	31	50	16	20	15	17	11	24	50	46
60-75	28	31	24	28	33	46	24	40	17	26
<60	36	11	56	48	46	37	64	36	9	11

M Sc	2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output
>90	------	------	------	------	------	------	------	-
75-90	21	64	50	30	8	46	-----	64
60-75	71	----	40	30	62	31	55	36
< 60	7	36	10	40	31	23	46	-----

18. Diversity of Students

Name of the Course	Year	% of students from the same state	% of students from other States
BSc	2007-08	97	3
	2008-09	97	3
	2009-10	99	0.7
	2010-11	99	0.8
	2011-12	100	0
	2012-13	100	0
MSc	2007-13	100	0

19. Number of students who have cleared national and state competitive examinations

Exam	2007- 08	2008- 09	2009- 10	2010-11	2011 – 12	2012-13
NET	1	-	1	1	1	-
GATE	-	1	-	1	-	1

20. Student progression

Course	Year	UG to PG (%)	Campus Selected (%)	Other Employment (%)
BSc	2008	86	13	1
	2009	40	12	Nil
	2010	46	-	Nil
	2011	53	8	7
	2012	37	-	-

	Year	PG to M Phil (%)	PG to B.Ed (%)
MSc	2008	10	50
	2009	Nil	50
	2010	Nil	40
	2011	Nil	77
	2012	Nil	63

21. Details of Infrastructural facilities

Library facilities	**Internet facility for staff and students**	**Classroom with ICT facility**	**Laboratories**
Reference books - 250 Journal – 3	Campus Internet and NME- ICT	Lap top- 1 LCD unit,- 1 Visualizer - 1 OHP- 1	PG laboratory- 1 Electronic Lab- 1 Computer Lab – 1 UG Lab – 1 dark room - 1 Project lab -1

22. Number of students receiving financial assistance from college, university, government or other agencies

BSc	**KPCR**	**SC/ST**	**Higher Edu**	**Suvarna Jubilee**	**Muslim girl**
2006-07	24	3	-----	-----	-----
2007-08	33	21	-----	-----	-----
2008-09	39	20	-----	2	-----
2009-10	49	15	-----	-----	1
2010-11	46	17	-----	-----	-----
2011-12	43		10	-----	-----
2012-13	48	-----	3	-----	-----

23**.** Details of value added programmes offered by dept to its students

- One Intercollegiate Physics Quiz and Physics Powerpoint Presentation- annually
- Seminars - 2
- Invited talks – 4
- Workshop - 4

24. Teaching methods adopted to improve student learning

a. Conducting Unit tests and Internal Exams
b. Extra coaching, other than class room teaching is given to needy
c. ICT facilities are used frequently to make the classes more effective.
d. Use models and other helpful accessories in the classes to make certain concepts very clear.
e. The tutorial hour -to help the weak students of a class

25. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Dr Regimol C Cherian –
  - Executive Committee Member, Assumption Women Association of Knac Entrepreneurial Charitable Society, Changanacherry –
  - Member Parish Executive committee and Convener of Parish Education Council
  - Gave a talk on e-filing of Income tax return
- Visited charitable Institutions
- Smt Jessy Mathew- Executive member of Resident Association-
- Support a child Programme – Rs. 1,60,000/-
- Collected an average amount of Rs. 1,00,000/- for charity on mission day (2008 -13)
- Sumayamma George, President of the Staff Co-operative Society (2008-13) and Dr Regimol C Cherian, director board member of the same (2013- 2018)
- Provide notebooks in every semesters for students who are economically backward
- Students and teachers collect money to help the needy.
- Organise visits to the challenged, specially abled, old aged people of the society.
- Election duties taken up by Teresa C Joseph, Sumayamma George and Regimol C Cherian
- Dr Marina Aloysius, NSS programme officer.
- Oorjolsavam- Awareness Programme on Energy Conservation for students – Practise in their home and lab.

26. SWOC analysis of the Department and Future plans

Strength • We produce very good results in every academic year. • There are presently three PhD holders in the faculty and two are pursuing research. • We have the ICT facilities for the effective communication with the students. • We have well equipped UG and PG labs. **Weakness** • Lack of research lab	**Opportunities** • Placement by outside firms- campus recruitments • More research projects will be sanctioned and PG students can carry out their project work • Instrumentation facilities will be provided for students from other colleges also. • Extension activities **Challenges** • Due to the semester system, time management is difficult. • Conduct of Odd semester exams in the midst of Even semester is quite tiresome.

Future Plans

- Take up new research projects and to set up a well equipped research lab.
- Research collaborations with reputed institutions and Universities (National Institute for Interdisciplinary Science & Technology (NIIST), Thiruvananthapuram; Mahatma Gandhi University, Kottayam; Cochin University of Science & Technology (CUSAT), Cochin; Indian Institute of Technology (IIT-Madras) etc)

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY

1. Name of the Department : **Chemistry**
2. Year of Establishment : **1957**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/Aided
B Sc Chemistry program	Environmental chemistry	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Years
Environmental chemistry	Open course	Since 2010
1. Chemistry in day to-daylife. 2'Driving school' .	Enrichment Module ,,	2005-2009 Since 2009

5. Participation of the department in the courses offered by other departments

Department	Programme
Physics, Zoology, Botany and Home Science	Complementary Chemistry (Semester I,II,III,IV)
Zoology	Complementary Biochemistry for Zoology Model II (Semester I,II,III,IV)

6. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Exp. years
Permanent Faculty				
Ms.ElizabethMathew	M Sc, M Phil	Asso. Prof.	Polymer chemistry	33
Ms.Rosili Philip	M Sc, M Phil	Asso. Prof.	Environmental chemistry	31
Dr.Marykutty CV.	M Sc, Ph D	Asso. Prof.	Polymer chemistry	27
Dr. Jissy Mathew	M Sc, M Phil, Ph D	Asst. Prof.	Physical Organic Chemistry	17
Ms.Neethu Cyril	M Sc	Asst. Prof.	Environmentalchemistry	1
Ms.Seena Sebastian	M Sc B. Ed	Asst. Prof.	Organic chemistry	1
Guest Faculty				
Ms.Anu James	M Sc	Guest lecturer	Chemistry	3
Ms.Ashamol Cherian	M Sc	Guest lecturer	Chemistry	
Ms.Bennith Benny	M Sc	Guest lecturer	Chemistry	1
Dr. Chinu Chacko	M Sc, Ph D	Guest lecturer	Biochemistry	1

Faculty Awarded Ph D - Dr. Marykutty C. V., (April 2009)
Dr. Jissy Mathew- June 2010, Dr. Chinu Chacko April 2013.
Ms. Jissy Mathew availed FIP under UGC X Plan from 2005-08.

7. Percentage of lectures delivered and practical classes handled by temporary faculty-

Year	Percentage of theory hours handled	Percentage of practical hours handled
2007-08	NIL	NIL
2008-09	NIL	NIL
2009-10	NIL	NIL
2010-11	12	13
2011-12	45	40
2012-13	30	25

8. Student -Teacher Ratio (programme wise) - 19:1 **(UG)**
9. Number of academic support staff (technical) : 4
10. Details of projects of the Faculty **:** Minor projects Completed-**2** (Dr. Marykutty CV)
11. Publications, Presentations and Books authored/ edited

Name of the Faculty	Publications				Presentations		Books
	Journals		Proceedings				Edited
	Int-Nat	Nat	Int-Nat	Nat	Int-Nat	Nat	
Ms. Rosili Philip						1	1
Dr Marykutty CV.	5	1	2	2	2		1
Dr. Jissy Mathew	3	3		1	2	2	1
Seena Sebastian				2			
Dr. Chinnu Chacko		1	2	2		2	

12. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	Refresher Course	Seminars (subject-related)		Seminars (general)
		National	International	National
Ms.Elizabeth Mathew				3
Ms.Rosili Philip		5		5
DrMarykutty CV.		3		5
Dr. Jissy Mathew	2	3	2	4
Ms.Neethu Cyril		2	2	2
Ms.Seena Sebastian		3	1	2
Dr. Chinnu Chacko		16		1

13. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	Details of Service provided with period
Ms. Alice Sebastian	Member of the Board of studies (UG) of the MG University of B. Sc chemistry (conventional) and B. Sc Industrial Chemistry.
Ms. Rosili Philip	Advisory committee-UGC sponsored National Seminar-Dept.of Chemistry N.S.S Hindu College Changanacherry.15-16 March 2012
Dr. Marykutty C V	Reviewer - International Journal "Journal of Applied Polymer Science".
	Member, Editorial board, Journal of Experimental and Theoretical research (JET)
Dr. Jissy Mathew	Editorial Board Member of "Research Lines" multidisciplinary journal
	Invited speaker- National Workshop - M. G. University (14^{th} January 2010).
	Chief guest -Valedictory session -Chemistry Association, Alphonsa College, Pala,2012
	Question Paper setter in the PSC examination.

14. Awards/ Recognitions received by Students

Item	Prize	Number of Prizes	Level	Year
Paper Presentation	I(2) & III (2)	4	MG Uty	2008, 2010
Thiruvathira	II,I		MG Uty	2009,2010.
Margamkali	II		MG Uty	2009
Oppana	II		MG Uty	2013
Republic Day Parade	Attended	2	National	2013.
All Kerala Intercollegiate Quiz	I, III		State	2007
All Kerala Intercollegiate Science Quiz	III		State	2010

15. List of eminent academicians and scientists/ visitors to the department
    1. Dr. Geroge Thomas, Professor, IISER, Thiruvananthapuram.
    2. Prof. Dr. G. Karthikeyan, Gandhigram Rural University, Tamilnadu,
    3. Dr. Mathew J Vetticatt, Dept of Biochemistry, Albert Einstein College of Medicine, Bronx, New York.
    4. Dr. T V Muralivallabhan, Professor, SVR NSS College, Vazhoor
    5. Dr. C T Aravindakumar Professor, SES, M G University
    6. Dr.M. Oturan V University of Paris East

7. Dr. E.V.Ramasamy, Director, School of Environmental Sciences, M G University.
8. Dr. C.C Harilal, Asst. Professor, Dept. of Botany, University of Calicut.
9. Dr. Kuruvilla Joseph, Head, Dept. of Chemistry, IIST, Trivandrum

16. Seminars/ Conf, erences/Workshops organized & the source of funding

a) National

Name of Seminar/ Conference	Date
Green Chemistry – the Ultimate Tool for Pollution Control	14-15/02/2012

b) **State / regional**

Name of Seminar/ Conference	Date
Seminar on Green Chemistry	14-15/11/ 2007

17. a) Student profile

Year	Applications received	Selected	Enrolled
2007	57	34	28
2008	153	52	42
2009	111	50	40
2010	193	51	43
2011	72	50	42
2012	90	46	42

b) University examination results

Year	No. Appeared	Pass Percentage	University Rank
2006-07	18	89	X
2007-08	32	94	III
2008-09	34	94	II
2009-10	27	77	-
2010-11	42	90	I
2011-12	37	95	2A+ & 7 A

c) Input output analysis

%	2007-2008		2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output	Input	Output
> 90	6	7	6	3	2	1	5	1	13	4
75-90	13	13	9	15	3	4	9	11	15	22
60-75	10	7	10	10	6	8	14	19	10	8
< 60	7	3	9	4	17	5	15	7	4	1

18. Diversity of Students:

Course	Year	No. of students from the same state	No. of students from other states	No. of NRI students
B Sc	2007-08	28	-	-
	2008-09	42	-	-
	2009-10	38	1	1
	2010-11	41	1	1
	2011-12	41	-	1
	2012-13	42	-	-

19. Number of students who have cleared national and state competitive examinations

Exam	2007- 08	2008- 09	2009- 10	2010-11	2011 - 12	2012-13
NET	1	3	4	2	5	2
Ph.D	2	1	3	-	2	3

20. Student progression

Student progression	Against % enrolled					
	2007- 08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	80	81	77	82	81	-
Campus recruitment				1	1	2

21. Details of Infrastructural facilities

Library facilities	Internet facility for staff and students	Classroom with ICT facility	Laboratories
Reference books - 150	Available	Laptop – 1 LCD – 1 Visualiser – 1 OHP- 1	Laboratories – 3 (Chemistry main lab – 1 Physical chemistry lab- 1 Che. Comple.Lab – 1)

22. Number of students receiving financial assistance from college, university, government or other agencies- year, name of scholarship, number of students

Year	Stipend for SC / ST	Central Sector Scholarship	Higher Education Scholarship	Uty Merit Scholarship	Merit Scholar	Post Metric	Muslim Girl Scholarship	State Suvarna Jubilee Merit Scholarship	Hindi Scholarship
2007-08	10			1					
2008-09	12			1				1	
2009-10	10			1		7	1		
2010-11	8		4			17		1	
2011-12	6	3	3		1	21			1
2012- 13	6					-			

23. Number of value added programmes offered by dept to its students
    a) **Alumni Lectures – 6**
    b) **Invited Lectures – 6**

24. **.** Teaching methods adopted to improve student learning
    - Lecture method, Use of OHP, models, LCD Projector, Internet Facilities
    - Power Point Presentation, Provides basic Knowledge in computer.
    - Familiarization of spread sheet programming and Origin Soft Ware.
    - Online demonstration of experiments in Organic Analysis is given to the student.

25. Participation in Institutional Social Responsibility (ISR) and Extension activities

a) Social Responsibility activities

- Labha Prabha-
- Shasthra Darsan programme:
- Departmental get together-
- ICY celebrations (2011-2012)
- Mission day & Charity acts –
- The faculty members **Dr Marykutty C V & Dr Jissy Mathew** - Presiding Officers -the Local Body Elections, Govt. of Kerala in October 2010.
- **Dr. Marykutty C. V** - the Electoral roll Correction for Local Body Election, June 2010.
- Setting up of Bio gas plant.
- Scholarships (4) instituted by the department

b) Extension activities

a. Sponsors of the "Support a Child Programme" of Athmatha Kendram, Arch Diocese of Changanacherry.(6 teachers)

b. Experiencing Chemistry'- The final year students –
c. In collaboration with Govt. Medical College, Alappuzha, a seminar on 'Diet and Life style Diseases' – for local women.
d. A seminar on 'Adolescent Parenting' was conducted for parents by the department on 25th September 2012.
e. As per UGC guidelines, the department organized **Kalalaya Jyothi -** a women empowerment Programme of Kerala State Vanitha Commission, for students from local schools and colleges on 14th February 2013.
f. All Kerala Inter Collegiate Paper Presentation Competition (SPARK).

26. Details of collaborations/tie-up

Purpose of Collaboration	**Collaborating Agency**
Enrichment module (Soap manufacturing)	CHASS
Project for Final year students	SB college

27. SWOC analysis and future plans

Strength • Outstanding results with top ranks in the University. • Faculty comprises Ph D holders and those who are pursuing research in various universities. • Well equipped lab facilities • High level recognition of NCC and NSS. • Healthy student teacher relationship • Thrust on value education. • Good rapport between faculty,students and alumnae	***Weaknesses*** • Students from semi-urbanand Kuttanadu region.- Difficulty in motivating students and parents. • Lack of PG Course
Opportunity • High demand for course • Contacts & Linkages • Studentrs pursue research • Campus placement.	***Challenges*** ▪ Due to semesterization, limited time is available for the completion of the prescribed syllabus

Future Plans

1. To take up new research projects in collaboration with other institutions such as Rubber Research Institute of India (RRII) Kottayam and Cochin University of Science and Technology (CUSAT).
2. Conduct National Seminars
3. Undertake more minor/major projects funded by external agencies like UGC, DST etc.
4. To start more consultancy services to the community.

EVALUATIVE REPORT OF THE DEPARTMENT OF BOTANY

1. Name of the Department : **Botany**
2. Year of Establishment : **1957**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/Aided
B Sc Botany	Agribusiness	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Year
Mushroom Cultivation and Horticulture	UGC Sponsored Career oriented Add on Course	2007-2009
Agribased Micro enterprises	Open Course	2011 - onwards
Horticultural practices	Enrichment Programme	2007-2008
Mushroom Cultivation	Enrichment Programme	2008-2010
Eco Friendly agricultural Practices – Biofertilizers and Biopesticides	Enrichment Programme	2010 - 2011
Technologies in Applied Botany	Enrichment Programme	2011 – 2012
Mushroom Cultivation and Horticultural practices	Enrichment Programme	2012 -2013
Horticultural practices	Enrichment Programme	2013-2014
Herbal Products for Health and Beauty (Cert.)--	UGC Sponsored Career oriented Add on	2013- onwards

5. Participation of the department in the courses offered by other departments
   Department of Zoology - Complementary course Botany.
6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	Experience
Ms. Mary Jayamol Antony	M.Phil.	Asso.Prof.	Environ.Bio.	31 years
Dr.Sr.Mariamma Joseph	M.Phil.Ph.D	Asso.Prof.	Phytochemistry	21 years
Dr.Sr.Marykutty Joseph	M.Phil. Ph.D	Asso. Prof.	Mycology	20 years
Dr.I'ma Neerakkal	M.Phil. Ph.D	Asso.Prof.	Physiology	20years
Dr.Saji Mariam George	M.Phil. Ph.D	Asso. Prof.	Cytogenetics	19 years
Ms.Julie John	M.Phil submitted Ph.D	Asso.Prof.	Cell& Molecular Biology	18 years

Faculty Awarded Ph D - Dr. Sr. Marykutty Joseph, November 2008

7. Student -Teacher Ratio (programme wise) : 21:1 **(UG)**

8. Number of academic support staff (technical) **:**3

9. Details of projects of Faculty Members

Major/ Minor Project	**Name of Investigator/s**	**Name of Funding Agency**	**Total Grant**	
			Sanctioned	**Received**
Major Project	Dr. I'ma Neerackal & Dr. Sr. Mariamma Joseph	Coconut Devpt. Board Govt.of India	35,00,000	
Major Project	Dr. I'ma Neerackal	UGC	8,68,800	4,68,400
Minor Projects Completed - Dr. Sr. Mariamma Joseph – 3 Dr. Sr.Marykutty Joseph – 1 Dr. I'ma Neerackal - 1				

10. Publications, presentations and books authored , edited and compiled by the faculty

Name of the Faculty	**Publications**				**Presentations**			**Books**		
	Journals	Proceedings		Articles				Aut	Edi	Comp
	Int-Nat	Int-Nat	Nat		Int-Nat	Nat	State			
Ms. Mary Jayamol Antony		1					1			
Dr Sr Mariamma Joseph		1		4	1					2
Dr.Sr. Marykutty Joseph		3	4	2	1	1				3
Dr. I'ma Neerakkal	1	3		3	1				1	
Dr. Saji Mariam George								1		
Smt Julie John	1									

11. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	Training	Seminars (subject-related)		Seminars (general)	
		National	Inter-Nat.	National	Inter-Nat.
Smt. Mary Jayamol Antony		6	6	7	
Dr.Sr Mariamma Joseph		4		13	
Dr. Sr Marykutty Joseph	1	13	6	6	
Dr. Ima Neerakkal		2	5	1	
Ms. Saji Mariam George	4	6	1	6	1
Ms.Julie John		5			

12. Area of consultancy

Area of consultancy	Beneficiary
Mushroom cultivation, Spawn production , Vermi compost production	Farmers, Women of the locality, SHGs, NGOs
Hybridization of Coconut	

13. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	Details of Service provided with period
Ms. Mary Jayamol Antony	**Member, Board of studies** Botany, M.G.University, UG Board (2007-08) Chief Editor of Journal of experimental & theoretical research
Dr. Sr. Mariamma Joseph	**Resource person** in Mushroom cultivation, Spawn production andVermicompost production,
	Resource Person in Scientific Session SB College , 19/12/2007
	Resource Person in Seminar, BK College, Amalagiri,10/10/2007
	Resource Person Southern Region Meeting of Xavior Board of Higher Education in India,10/07/2007
Dr I'ma Neerakkal	**Expert-** in hybridization of coconut.
	Question paper setter- in Kerala Agricultural university
	Resource person in Mushroom cultivation,Spawn production and Vermicompost production. Chief Editor of Journal of experimental & theoretical research
	Editor - News Reader - Dooradarsan (Karshika Varthakal), Radio Talk – 90.8 – Radio Media Village, Changanacherry

14. Awards/ Recognitions received by **a) Faculty**

Name of faculty	Nature of recognition	Awarded by	Year
Ms. Mary Jayamol Antony	National Environmental	Khadi and Village industries	2008
Dr Sr Mariamma Joseph	Best Principal Award	Catholic Federation of India	2013
Dr I'ma Neerakkal	Recognized as Women Achiever in Science	KSCSTE, Govt of Kerala	2012

b. **Students**

Item	Prize	No.of Prizes	Level	Year
Botany Quiz	III(5), I-(1)	6	State	2010,2012,2013
Power Point Presentation	I, II, III – (2)	4	State	2010,2011

15. List of eminent academicians and scientists/ visitors to the department
    1. Prof. Dr J.G.Ray Director, School of Bioscience, M.G University
    2. Prof. Dr M.Daniel, Dean, Faculty of Science,M.S university, Baroda
    3. Prof. Dr G.M.Nair Director, TBGRI, Palode
    4. Dr Nimmy Joseph, Asso Prof ,Sugar cane Research Institute Tiruvalla
    5. Dr Ramany Gopalakrishnan , Deputy Director , Coconut Development Board, Govt of India.
    6. Kiran Kumar, Director, Bioresearch, Kochi
    7. Dr V T Antony, Reader, Dept. of Botany, S.B.College, Changanassery
    8. Dr Anu G Krishna, Asso Prof., Krishi Vigyan Kendra Kumarakom
    9. Mr. Anish N, Scientist , Navajyothi Sree Karunakara guru Research Centre for Ayurveda and Sidha, Uzhavoor.
    10. Prof K J Suresh, N S S Training College' Changanacherry
    11. Mr Jolly Joseph, Agriculture officer, Thrissur
    12. Mr. Renji Varghese , Kerala Regional Manager, Pesticide India
    13. Dr Imelda Joseph, Senior Scientist, Central Marine Fisheries Research Institute, Kochi
    14. C.K.Peethambaran (Consultant, E-Krishi, IT Mission, Govt. of Kerala)
    15. Mr. Prasad G DFO , Kerala Forest Department Timber Sales Division, Kottayam
    16. Dr. Sylas V.P, Assistant Professor, School of Environmental Science, M.G.University, Kottayam.

16. a) Student profile

Programme	Year	Applications received	Selected	Enrolled
BSc Botany	2007	53	41	29
	2008	53	24	22
	2009	68	51	35
	2010	276	42	35
	2011	CAP	51	43
	2012	CAP	52	48

b) University examination results

Year	No. Appeared	Pass%
2006-07	18	94
2007-08	24	92
2008-09	21	91
2009-10	29	75
2010-11	21	78
2011-12	35	72

c) Input output analysis

%	2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output
> 90	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
75-90	2	9	Nil	5	1	2	6	7
60-75	7	7	12	8	8	7	12	14
< 60	10	3	9	8	5	5	7	4

17. Diversity of Students:

B Sc Botany	No. of students from the same state	No. of students from other states
2007	29	0
2008	21	0
2009	39	1 (Lakshadweep)
2010	35	0
2011	33	0
2012	41	0

18. No of students who have cleared national and state competitive examinations

Exam	2007- 08	2009- 10
NET	1	1

19. Student progression

Student progression	**Against % enrolled**			
	2008-09	**2009-10**	**2010-11**	**2011-12**
UG to PG	57	32	33	40

20. Details of Infrastructural facilities

Library facilities	**Internet facility for staff and students**	**Classroom with ICT facility**	**Laboratories**
Reference books - 290 Books Purchased - 70	Available	1	3

21. Number of students receiving financial assistance from college, university, government or other agencies

Year	**SC**	**ST**	**OEC**	**OBC**	**Fishermen**	**KPCR**	**Kerala State Suvarna Jubilee**	**Post Matric**
2007-08	17	3	11	11	2	16	2	0
2008-09	16	3	8	7	2	23	3	
2009-10	17		10	7	5	30		
2010-11	13		5	8	4	28		
2011-12	12	1	6	7	4	36	2	8

22. Number of value added programmes offered by dept to its students- **10**

23. Teaching methods adopted to improve student learning

Module based power points, field trips, visit to research institutes, organizing medicinal plants exhibition, power point presentation contest in advanced topics in biology. Prepared hand books for different semesters, model practicals, mock Viva, Wall magazine, quiz competitions.

24. Participation in Institutional Social Responsibility (ISR) and Extension activities

Dr Sr. Mariamma Joseph:

- Director Board Member CHASS,Managing Board members of various schools and a college.
- Collaboration with the School of Environmental Science , M.G.University for analysis of Vermicompost.
- Training in Mushroom cultivation, Spawn production and Vermicompost production to SHGs, NGOs, farming community and local women
- Member of pastoral council, Archdiocese of Changanacherry

- Director of APACC(2010 – 2012)
- Hostel Warden

Sr. Marykutty Joseph –

- Director of APACC (wing for extension activities of college)
- Organized PSC coaching classes , KER and KSR classes to the School Teachers and other Officers, Career guidance seminar in collaboration with Malayala manorama.
- Organised – short duration courses in office automation, beauty care, tailoring, hand bag making and fabric painting in collaboration with NABARD, Hostel warden, Director of Value Education, Member of Pastrol Council, Archdiocese, Changanacherry.

25. Details of collaborations/tie-up

Purpose of Collaboration	**Collaborating Agency**
Mushroom cultivation and Spawn production	TBGRI Palode, Trivandrum
Vermicomposting	CHASS
Research in coconut (Hybridization of Coconut)	Coconut Development Board ,Govt. of India
Mushroom cultivation in Rubber saw dust	RRII, Kottayam

Collaboration/ Membership:

Dr.Sr. Marykutty Joseph_ 1. Federation of Indian women Entrepreneurs
2. Kerala Chamber of Commerce
3.Tie Kerala-

26. SWOC analysis of the Department and Future plans

Strengths :	**Opportunities:**
• Good teacher- student relationship • All except one faculty with P h D, • Career guidance, • Mushroom Research Lab • Support students in breaking barriers in learning • Development of ecofriendly attitude in students, systematic extension activity.	Employability- Organizations&self employment **Challenges:** Restrictions on introducing new programmes from the government and the university **Weakness:** Lack of PG Course

Future plans

- To start PG Course and to raise the Department to a Research Centre
- To conduct National / International level seminars
- To strengthen cross linkages between regional and national research centres
- To produce value added herbal product to be marketed under the Assumption Brand.

EVALUATIVE REPORT OF THE DEPARTMENT OF ZOOLOGY

1. Name of the Department : **Zoology**
2. Year of Establishment : **1957- 58**
3. Name of Programmes / Courses offered

Course Name	Choice based Course (Elective)	Self financing/Aided
B Sc Zoology Model I	Nutrition, Community Health & Sanitation	Aided
B Sc Zoology Model II (Vocational – Food Microbiology)	,,	Aided

4. Names of Interdisciplinary courses and the departments involved

Course	Type	Years
Human Genetics, Nutrition, Community Health & Sanitation	Open course	Since 2010
1. Human Genetics & Reproductive Endocrinology. 2. Beauty Care	Enrichment Module ,,	2005-2009 Since 2009

5. Participation of the department in the courses offered by other departments

Department	Programme
Botany	Complementary Zoology (Semester I,II,III,IV)
B Sc Family and Community Science	Complementary Zoology (Semester I,II,III,IV)

6. Faculty profile with name, qualification, designation, specialization

Name of the Faculty	Qualification	Designation	Specialization	Experience
Permanent Faculty				
Ms.Thresiakuty Antony	M Sc., MPhil	Asso. Prof (HOD)	Endocrinology	31 years
Ms.Tessy Jose	M Sc, M Phil	Asso. Prof	Endocrinology	28 years
Ms. Valsala Joseph	M Sc. M.Phil	Asso. Prof	Limnology	25 years
Ms. Anitha Jose	M. Sc M.Phil. NET,Pursuing research	Asso. Prof	Entomology	21 years
Dr Reethamma O V	M Sc.,Ph.D.	Asso. Prof	MarineBiology	20 years
Ms. Smitha Mathews	MSc, NET	Asst. Prof	Microbiology	2 years
Guest Faculty				
Ms. Rincymol Varghese	MSc BEd, SET	Guest lecturer	Entomology	2 ½ Years

7. Percentage of lectures delivered and practical classes handled by temporary faculty

Year	Percentage of theory hours handled	Percentage of practical hours handled
2011-12	24	19
2010-11	39	30
2009-10	35	35
2008-09	25	33
2007-08	25	24

8. Student -Teacher Ratio – 24: 1 **(BSc Model I),** 8 : 1 **(BSc Model II)**

9. Number of academic support staff (technical) : 3

10. Details of ongoing projects of the Faculty

Major/ Minor Project	Name of Investigator/s	Duration	Funding Agency	Total Grant	
				Sanctioned	Received
Minor	Dr Reethamma O V & Smt Valsala Joseph	8/2012 - 2/2014	UGC	Rs1,55,000	Rs 1,12,500

11. Publications by faculty

Name of the Faculty	Publications		Presentations	Books	
	Proceedings	Journal		Authored	Edited
	Inter National	National	National		
Ms. Valsala Joseph		3			
Ms. Anitha Jose				2	
Dr. Reethamma OV	1		1	2	1
Ms. Smitha Mathew		2			

12. a)Courses/Seminars/ workshops attended by Faculty.

Name of the Faculty	Orientation Course	Seminar- Sub.related		Seminar - General	
		National	International	National	International
Ms.Thresiakutty Antony	-	1	1	2	-
Ms.Tessy Jose	-	2	1	1	-
Ms.Valsala Joseph	-	3	1	1	-
Ms.Anitha Jose	-	4	1	1	1
Dr Reethamma O V	-	10	2	4	1
Ms.Smitha Mathews	1	3	-	-	-

Ms.Rincymol Varghese	-	4	1	-	-
Ms.Ushus P Hariharan	-	2	-	-	-

13.Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	**Details of Service provided with period**
Ms.Thresiakutty Antony	Member of the UG Board of Studies MG University 2007- 08
	Member of the Subject Expert panel of MG University 2008-09.
	Board Member of Question Paper Setters for BSc - Kerala University during 2007-08, 08-09.
	The Zonal Chairperson for CBCSS Examinations I & II Sem (2009-10 & I,II,III & IV Sem (2010-11)
	Additional Chief Superindent for University Examination in Assumption College (2009-10, 2010-11& 2011-12)
Ms. Valsala Joseph	The Zonal Chairperson for VI & III Sem CBCSS Examinations 2011-12, 2012-13
	Resource Person -Zonal Zoofest 2013
Ms.Anitha Jose	Member of College Managing Board 2012- 13 onwards.
	The Zonal Chairperson for I & IV Sem CBCSS - 2011-12, 2012-13
	Question Paper setter of Kerala PSC Examination 2013.
	Resource Person -Zonal Zoofest, 2013
	Member of Higher Education Council of Archdiocese of Tiruvalla
Dr Reethamma O V	Research Guide of MG University , Kottayam
	The Zonal Chairperson for II Sem CBCSS Examination 2011-12.
	Member in Board of Question Paper Setters for CBCSS II, III,IV & V Semester in Kerala University during 2011- 12 & 2012 - 13.
	Resource Person -Zonal Zoofest i- 2009, 2013
	President- Staff Cooperative Society of Assumption College-2013

14. Awards/ Recognitions received by Students

Item	**Prize**	**No of Prizes**	**Level**	**Year**
Rank	I, II & III	4	MG Uty	2008,2009,2011
Essay Writing Competi	I, II	2	State	2008,2012
Elocution Competition	III	1	State	2008
Poster Designing	II		State	2012
Youth Festival	III,II, A Grade	4	MG Uty	2012, 2013
Margam Kali	II	1	”	2012, 2013

Zoofest	I,II,III	27	State	2009-2013
Caption Writing	I	1	”	2012
Poster Designing	I	1	”	2012
Crossword Puzzle	I	1	”	2012

15. List of eminent academicians and scientists/ visitors to the department
    1. Dr K G Padmakumar , Director ,Regional Agricultural Research Station, Kumarakam, Kottayam.
    2. Sri S Balram, Scientist & Engineer, SCThirunal Institute for Medical Science & Technology, TVM.
    3. Sri Aravind K J , Project Officer, Intellectual Property Felicitation Centrefor MSME,TVM
    4. Sri Safikh S, Co - ordinator, KSCSTE, TVM
    5. Sri Joshy Mathew Lecturer in Polymer Technology,Govt. Polytechnic College, Kottayam
    6. Dr K Abraham Samuel, President, Tropical Institute of Ecological Sciences, Kottayam
16. Seminars/ Conferences/Workshops organized & the source of funding

State / regional

Name of Seminar/ Conference	Collaborating Agency	Date	Funding received	Beneficiery
One Day Workshop on ‘**Intellectual Property Rights’**	Kerala State Council for Science, Technology and Environment, TVM	5/7/2012	Rs 25,000	Students and teachers
Seminar on ‘**Apiculture Practice**,	Nil	31/7/2012	-	Students & Farmers
Seminaron **“Effective Management of Household Plastic Wastes”**	Nil	25/9/2012	-	PTA & Students

17**. a)** Students Profile

Name of the programme	Year	Applications received	Selected	Enrolled
BSc Zoology Model I	2007-08	77	40	30
	2008-09	108	41	32
	2009-10	83	39	33
	2010-11	35	30	30
	2011-12	CAP	29	29
	2012-13	”	40	37

BSc Zoology Model II	2007-08	24	14	13
	2008-09	21	8	7
	2009-10	18	7	7
	2010-11	18	11	11
	2011-12	CAP	5	4
	2012- 13	”	16	13

b) Examination Results

Year	**Appeared**		**Pass %**		**University Ranks**	
	Model I	**Model II**	**Model I**	**Model II**	**Model I**	**Model II**
2007-08	24	14	86	100	III	I
2008 - 09	16	8	89	100		II
2009 - 10	30	13	86	93		-
2010 - 11	32	7	86	100		III
2011 - 12	33	7	83	93		

(c) Input output analysis

%	**2007-08**		**2008-09**		**2009-10**		**2010-11**		**2011-12**	
	Input	**Output**	**Input**	**Output**	**Input**	**Output**	**Input**	**Output**	**Input**	**Output**
>90	8	13	Nil	Nil	10	3	9	6	19	3
75-90	8	8	Nil	50	17	30	16	19	22	33
60-75	13	50	61	38	23	37	28	44	50	33
<60	71	21	37	Nil	50	17	44	16	8	13

18. Diversity of Students

B.Sc. Zoology Model I & Model II						
Year	**No of students from the same state**		**No of students from other states**		**No. of NRI students**	
	ML I	**MLII**	**MLI**	**MLII**	**ML I**	**MLII**
2007- 08	27	6	1	-	2	7
2008- 09	31	7	-	-	1	-
2009- 10	29	5	1	-	3	2
2010-11	30	11	-	-	-	-
2011-12	26	4	-	-	3	-
2012 – 13	37	13	-	-	-	-

19. Number of students who have cleared national and state competitive examinations

Exam	**2007- 08**	**2008- 09**	**2009- 10**
NET	1	1	1
SET	1	-	2

20. Student progression

Student progression	**Against % enrolled**				
	2007- 08	**2008-09**	**2009-10**	**2010-11**	**2011-12**
UG to PG	68	75	72	41	44
UG to B Ed	5	8	7	15	26
Employed Other than campus recruitment	53	46	19	10	2
Entrepreneurship/Self-employment	13	8	12	8	Nil

21. Details of Infra-structural facilities

Library facilities	**Internet facility for staff and students**	**Classroom with ICT Facility**	**Laboratories**
Reference books - 306 Journals -2 Book Bank – 15	Available	With OHP& LCD Projector -1 With OHP -1	Zoology labs - 2 Microbiology lab -1 Research Lab -1

22**.** Number of students receiving financial assistance from college, university, government or other agencies **.**

Year	**SC**	**ST**	**KP CR**	**OBC**	**OEC**	**Merit Scholar**	**Post Metric**	**Paloli Com.**	**Fishermen**	**Hindi Scholar**
2007-08	16	0	29	11	5		-	-	-	-
2008-09	14	0	27	16	4		-	-	-	-
2009-10	15	1	36	18	4		1	-	-	-
2010-11	13	4	40	18	7	1	10	1	-	-
2011-12	16	2	41	12	9	1	10	2	1	1
2012 – 13	12	1	38	6	5				1	

23Number of value added programme offered by dept to its students-**10**

24**.** Teaching methods adopted to improve student learning

- Use of OHP and LCD in addition to lecture method
- Use of Charts, Models, Skeletons, Live & Preserved Specimens, Microscopes & slides and updated CDs.
- Conducting study tour , Visiting Research Stations & conducting PTA regularly.
- Students are preparing seminars and assignments & actively involved in Group Activity.
- Power point presentation of student projects and seminars.
- Creating News Files, News charts and Manuscript Magazine- '**OIKOS**' every year.

- Conducting Discussions and Group Studies, Testpapers and Periodical assessments.

25**.** Participation in Institutional Social Responsibility (ISR) and Extension activities

(a) Actively involved in the 'Green Initiatives' of the College

- Preparation and distribution of Paper Carry-Bags to Save the Earth by saying 'NO' to Plastic.
- Conducting Exhibitions to students of this College and students of the nearby schools and participating in the INSPIRE workshop.
- Doing Vermicomposting', 'Pipe Composting', 'Guppy Culture', and 'Apiculture' units
- Members of NCC, NSS, Open NSS, Nature club, Quiz Club, Music Club, Moot Court, Debate club
- Creating environmental awareness by conducting programmes like 'Voyage'- All Kerala Intercollegiate Paper Presentation Competition- every year
- Arranging lectures and classes, Patent awareness workshops, Conducting Wildlife week celebrations
- Interdepartmental & Intercollegiate Competitions, Association competitions &giving special prizes.
- Giving motivation to Advanced learners & special concern to Slow learners.
- Observing days - World Population Day ,World Elders Day ,World Environmental Day etc.
- Setting up and expansion of Butterfly garden and Vegetable Garden

(b) Arranging charity visits and programmes .

- Contribution to **:** St Germane Old Age & Poor Home, Alphonsa Balika Bhavan, Chry and 'Jnanodaya'Special School, Niranam.
- Participating in the fund raising programmes- Mission Day, Fasting Day,FridayCollection, Helping the family of ministerial staff, Noon-meal programme etc.
- Contribution to the 'Support a Child Programme' of the Arch Diocese of Chry, (Rs. 1,20,000) for the last five years
- Contribution to needy students of the dept(Rs15,820/-) for the last 5years.

(c) Faculty involve in various Social Responsibility Activities.

- Present & Retired Faculty together Instituted Golden Jubilee Memorial Scholarships(2) to the best outgoing students in Zoology Model I & Model II
- **Smt Valsala Joseph-** Member of the Director Board of the Lions Club of Changanassery

- **Smt Anitha Jose**- .
    - Women representative in the Committee for the amendment of laws of Archdiocese of Tiruvalla.
    - Sunday School Instructor
    - Member of 'Suviseshasangam' of Archdiocese of Tiruvalla

26.Details of collaborations/tie-up

Collaborating Agency	**Purpose of Collaboration**
Integrated Fisheries Project, EKM	On the Job Training for BSc Zoology Model II
Kerala State Diary Development, Dairy Training Centre, KTM	"
Mithranikethan, Vellarada ,TVM	"
Cashew Export Council, Kollam	"
Choice Canning Centre, Cochin	"
Tropical Institute of Ecological Studies(TIES)	To inculcate research culture among students and faculty and to take up social and environmental issues.
Zoological Society of Kerala.	To involve in the curriculum revision and to participate in the subject related programmes organized by the association.

27. SWOC analysis of the Department and Future plans.

Strengths • Dedicated Faculty- 1 with PhD and 4 with MPhil • Co-operative and Responsible Students. • Good teacher-student relationship	**Weaknesses** • Lack of Research consultancy • Less Extension activity **Challenges** • Less Financial Source • All experiments deal with living Animals and restriction in doing projects. • Running of two degree courses simultaneously
Opportunities • A full fledged Microbiology lab • A permanent Microbiology faculty • Faculty interested in research	

Future Plan:

- Organize a National Seminar
- More Minor and Major Projects by the faculty.
- Establish Tie-ups with Organizations.
- To expand and maintain the Butterfly Garden
- Reuse of Plastic bottles for growing ornamental plants.
- Conduct awareness campaigns on health related issues
- To continue the "Helping the needy" programme.

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE

1. Name of the Department : **Home Science**
2. Year of Establishment : **1960**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/ Aided
B.Sc Family and Community Science	Food Quality Assurance	Aided
M.Sc Dietetics and Food Service Management	Nutrition in Sports and fitness	Unaided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Year
Housing and Interior Designing	Add-on course	2007-2010
Interior Designing	Add-on course	2012 onwards
Gift Wrapping	Enrichment Module	2007-08
Snack & Savoury Preparation	”	2008-09
Fabric Painting	”	2009-10
Floral Craft	”	2010-12
Hand Embroidery	”	2012-13

5. Participation of the department in the courses offered by other departments

Department	Programme
B.Com (IGNOU) 2010-13	Foundation Course in science and Technology-Module on Agriculture, Nutrition and Health

6. Faculty Profile

Name	Designation	Qualification	Specialisation	Experience
Dr Sr. Philomenamma John	Asso.Prof.	M.Sc,M.Phil Ph.D,B.Ed.	Food Service Management and Dietetics, Natural Science	17 years
Ms Manjulin Jacob	Asst.Prof.	M.Sc,.MPhil	Textiles and Clothing	16 years
Ms Anne Mary Joseph	Asst. Prof.	M.Sc, MPhil	Family Resource Management	11years
Ms Minitha Susan Joseph	Guest Lect.	M.Sc, MPhil	Food Service Management and Nutrition	5 Years

Ms Rajimol K.C	Guest lect.	M.Sc	Food Service Management and Dietetics	2 year.
Ms Bridget Scaria	Guest Lect.	M.Sc	Food and Nutrition	11/2 year

Faculty Awarded PhD - Dr Sr. Philomenamma John - January,2013

7. Percentage of lectures delivered and practical classes handled by temporary faculty PG- **100%** , UG-NIL
8. Student -Teacher Ratio - 16:1 (**UG)** 7:1**(PG)**
9. Number of academic support staff (technical) -2
10. Details of projects : UGC sponsored Minor Project (completed) : 1

PG Development Grant Received – Rs.3,60,000

11. Courses/Seminars/ workshops attended by Faculty

Refresher	**Workshop**	**International Conferences/Symposium**	**Seminars**
4	8	2	29

12. Publications/Presentaions by faculty

Presentations		**Publications**		**Article**
International	National	International	National	
1	19	2	4	1

b) Publications/ Presentations by students:

a. Monographs-Recipe Booklets: 3

b. Software package- CD's for imparting nutrition education: 2

13. Workshops organised by the faculty: 7
14. Consultancy Services by the department

Faculty	**Area of consultancy**	**Beneficiary**
PG Faculty and Students	Diet Counseling	Local Women, Adolescent girls
Anne Mary Joseph Minitha Susan Joseph Rajimol K.C.	Curriculum development for training programme in Sea Food Preservation & Processing	Rural Unemployed women, Jan Shikshan Sansthan, Kottayam, GOI, HR ministry

15. Details of Faculty as Resource persons

Name of Faculty	**Programme /Beneficiaries**	**Venue**
Sr.Philomenamma John	"Food Processing Techniques" for budding women Entrepreneurs. Iodine deficiency disease-Medical Practitioners	Directorate of Industries and Commerce, Kottayam District Hospital, Kottayam
Ms. Manjulin Jacob	Lecture on Textiles and clothing for higher secondary Home Science teachers of Kerala	Renewal Centre, Ernakulam

Ms.Anne Mary Joseph	Workshop on Flower Arrangement Home management	DLF School,Ghaziabad Bishop Moore college , Mavelikara
Ms.Neethu. K. Oommen	Food standards and Quality control" for budding women Entrepreneurs	Directorate of Industries and Commerce, Kottayam
Ms.Minitha Susan Joseph	Scope of Food and Fruit Processing for women entrepreneurs Food and Nutrition	Directorate of Industries and commerce, Changanacherry Taluk.Institution of Homeopaths Kerala Changanacherry, Unit

16. Faculty as members in Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of the faculty	**Board of Studies/Expert committee/**	**Duration**
Sr.Philomenamma John	Expert Committee Convenor-CBCSS- Board of Studies for UG	2009-10
	Member BOS for PG Home Science, MG University	2005-08
	Chairperson Examination ,UG Home Science	2009-10
	Member PG&UG combined BOS for Home Science	
	Member Board of Study –Avinashlingam Uty,Coimbatore	2010 onwards
	KPSC Gazetted Post Examination-HomeScience Question paper setter	April 2013
	PSC,Avinashilingam,Calicut and Kerala University	2011-12
Ms. Manjulin Jacob	Expert Committee Convenor-CBCSS- BOS Fashion Technology.	2009 onwards
	Member, BOS for UG Home science, MG and Kannur Uty.	2005-08
	Member, BOS for UG Home science, University.	2008-10
	Chairperson of Examination Fashion Technology- regular &off campus course, MG University	2007onwards
	Member PG&UG combined BOS for home science MG university, Convener-expert committee for PG textiles and fashion. MG Uty	2007onwards 2010 onwards
	Subject Expert- Course Approval (Fashion Technology)	01-04-2012
Ms. Anne Mary Joseph	Member BOS, for UG Home Science, MG University.	2005-08
	Member expert committee for PG .Textiles and Fashion	2012 April onwards,2013
	KPSC Gazetted Post Examination-Home Science	

17. Awards/ Recognitions received by Faculty

Name of the faculty	Recognition received	Awarded by	Year
Sr. Philomenamma John	J.N .Bose Memorial National Award for Best Paper Presentation	Indian Dietetic Association	9/12/2007
Ms.Minitha Susan Joseph	Paper Presentation –II Place	Interdisciplinary Resaerch Fair-REAP-2013,	10/12/2012

18. a) Student profile

Year	Applications received		Selected		Enrolled	
	UG	PG	UG	PG	UG	PG
2007	21	12	18	7	10	7
2008	20	20	15	14	15	13
2009	28	20	25	17	23	13
2010	33(CAP)	15	16	7	13	7
2011	(CAP)	9	19	9	16	9
2012	(CAP)	15	31	14	31	12

b) University examination results-UG & PG

Year	Appeared		Pass %		UtyRanks	
	B.Sc.	M.Sc.	B.Sc.	M.Sc.	B.Sc.	M.Sc.
2006 - 07	18	10	100	70	I	I,II,III
2007 - 08	20	13	94	77	-	I,II,III
2008 - 09	13	7	100	86	I	I,II
2009 - 10	10	13	80	85	II	I,II
2010 - 11	13	13	83	85		I,II
2011 - 12	22	7	90	100		I,II,III

c) Input-output analysis

UG %	2007-08		2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output	Input	Output
>90	-	-	-	-	-	-	-	-	-	-
75-90	20	18	1	38	20	30	0	10	70	36
60-75	40	43	15	46	20	60	0	45	20	45
<60	40	37	76	15	60	10	100	45	10	18

PG %	2008-10 (%)		2009-11(%)		2010-12 (%)	
	Input	Output	Input	Output	Input)	Output
Above 90	-	-	-	-	-	-
75-90	15	23	23	8	29	29
60-75	70	62	77	92	71	71
Below 60	15	15	-	-	-	-

19. Diversity of Students:

Year	No. of Students from the same state		No. of Students from other states		No. of NRI students	
	UG	PG	UG	PG	UG	PG
2007- 08	18	7	-	-	-	-
2008- 09	14	15	-	-	-	-
2009- 10	25	17	-	-	-	-
2010-11	13	7	-	-	-	-
2011-12	16	8	-	-	-	1
2012-13	31	12	-	-	-	-

20. Number of students who have cleared national and state competitive examinations

Exam	2008- 09	2010-11	2011 - 12
NET		4	
SET	1		1

21. Student progression

Student progression	Against % enrolled					
	2006- 07	2007- 08	2008-09	2009-10	2010-11	2011-12
UG to PG	50	62	61	80	45	71
UG to B Ed	11	-	7	-		
PG to B Ed		-	-		7	
PG to M.Phil		-	-	7	7	
Ph.D		-	-	-	-	1
Employed	40	54	72	46	62	57
Entrepreneurship/ Self-employment					7	

22. Details of Infrastructural facilities

Library facilities	**Internet facility for staff and students**	**Classroom with ICT facility**	**Laboratories**
Books – 250 Book Bank – 45	Available	With OHP& LCD Projector -1 With OHP -1	Foods Lab, Biochemistry Lab, Textile Lab, Printing and dyeing lab, Home Science Cottage, Fruit processing unit

23. Number of students receiving financial assistance from college, university, government or other agencies

Name of scholarship	**No. of Beneficiaries**
SC/ST	6
OBC/OEC	29
KPCR	15
Girl Child	1
Endowment scholarship(departmental)	12

24. Details of value added programmes offered by dept to its students : 15

25. Teaching methods adopted to improve student learning

- Thrust to student or learners centered approach
- Use of ICT, audio visual aids for class room teaching
- Participatory approach- group discussion, group assignment, seminars, project, demonstration, community interaction
- Residence course, industrial visits, field survey
- Topic reviews , practical exercises, bilingual explanation, trial tests, mock viva
- Slow learners – bilingual explanation, trial test, concept clarification, tutorial session, social counseling
- Advanced learners- Participation in seminars, quiz, competition, presentation etc.

26.Details of Extension activities Undertaken during 2007-12

One week nutrition camp – 5 Assessment nutritional status- 5 Charity visti, noon meal Diet clinic	Nutrition awareness programmes – 15 Nutrition education on various diseases Counselling services Formulation and demonstration of therapeutic receipes

27.Details of collaborations/tie-up

a. Training and Research consultancy (central, state, Govt agencies) - 3
b. Link up with Multi-Specialty Hospitals (On the Job Training 2007-12) : 10

c. Link ups with Star hotels (On the Job Training in Hospitality Management): 10

d. Other Research institutions: 4, Food Analysis centres: 2

28.SWOC analysis of the Department and Future plans

Strength	**Weakness**
• Scope for extension activities • Community oriented education & skill development • Self employment • Post graduate department	• Poor quality of students • Majority of the Students belong to BPL • PG is self financing
Opportunities	**Challenges**
• Various options in higher studies/PG programmes • Interdisciplinary options for higher studies. • Self employment opportunities • FIWE South Chapter	• Reduction in the number of students • Sanctioning of similar course in the university

Future Plan

- To conduct National seminar
- Minor project and Major Project
- Regularization of P.G. Course

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS

1. Name of the Department : **Economics**
2. Year of Establishment : **1957**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/Aided
BA Economics	Marketing Management	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Year
Surface Embellishment	Enrichment Programme	2012-2013
Metal Embossing and Pot designing	”	2011-2012
Research Methodology	”	2010-2011
Interior Decoration	”	2009-2010
Crochet Designing	”	2008-2009
Sari Designing	”	2007-2008
Fundamentals of Economics	Open course	2012-2013
Foundations of Environmental Economics	”	2011-2012

5. Participation of the department in the courses offered by other departments
   Complementary Economics for BA History
6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	Experience
Ms.Rani Maria Thomas	MA, MPhil	Asst. Prof.	Industrial Economics Financial Economics	13 years
Ms.Anupa Leela George	MA, MPhil	Asst. Prof.	Indian Economy, Development Economics	11years
Ms. Roshini Sebastian	MA	Guest Lect.	Micro Economics, Macro Economics	10 years

7.Percentage of lectures delivered and practical classes handled by temporary faculty-

Year	Percentage of theory hours handled
2011-12	25
2010-11	15

2009-10	15
2008-09	15
2007-08	15

8. Student -Teacher Ratio : 56:1
9. Details of faculty projects : UGC sponsoured minor project: **1 (**Ms. Anupa Leela George **)**
10. Publications:

Publications by faculty

Name of the Faculty	**Publications**			**Presentations**		
	Journals		**Proceedings**			
	Int-Nat	Int-Nat	Nat	Int-Nat	Nat	State
Ms.Rani Maria Thomas	1			2		1
Ms.Anupa Leela George			1		1	

Number of presentations by students **:1**

11. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	**Refresher, Orientation , training**			**Seminars (subject-related)**	**Seminars (general)**
	R	**O**	**T**	**National**	**National**
Ms. Rani Maria Thomas	1		1	6	3
Ms.Anupa Leela George	1	1		3	4

12. Areas of consultancy

Name of Faculty	**Area of consultancy**	**Beneficiary**
Ms.Rani Maria Thomas	Economics (Kerala Budget)	Assumption Community College

13. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	**Details of Service provided with period**
Ms.Rani Maria Thomas	1.Workshop on Curriculum Design, July 2011. 2. Resource person for the International Conference on ' Inclusion : Understanding Children with Disabilities to build Inclusive Communities', January 11, 2012, 'EKOHOMIKA 2013'
Ms.Anupa Leela George	Restructuring Curriculum on May 2009, July 2009.

14. Awards/ Recognitions received by

a) Faculty

Name of faculty	Nature of recognition	Awarded by	Month & Year
Rani Maria Thomas	Selected to represent India in the JSPS Exchange Programme for East Asian Young Researchers	Directorate of Science and Technology, Japan	May, 2010

b) Students

Item	Prize	No. of Prizes	Level	Year
Essay writing competition	II, III	2	State	2010,2009
paper presentation	I,II	4	State	2010,2011
Inter collegiate Quiz	I,III	9	State	2010,2009,2008
Intercollegiate Debate	II,III	2	State	2009,2008
TALSAINIK Camp,	Participation	1	Delhi	2008

15. List of eminent academicians and scientists/ visitors to the department**: 14**

Prof. Francis Cherunilam, Director, School of Management, CUSAT, 2. Prof. Rajan Gurukkal, Former VC M G University., Prof. A Ramanathan, Professor, IIT Bombay., Prof. M A Oommen, Advisor to the Government of Kerala., Dr. Pinaki Chakroborthy, Public finance Expert, CDS, Tvm, Dr. Sharmila Mary George, Former Collector, Kottayam , Ms. Mini Chandran U, IRS., Prof. B A Prakash, Kerala University., Dr. Judith Hollows, Formerly Asst. Professor at Mercedes Benz, UK, Dr. K Gangadharan, Dept. of Applied Economics, Kannur University., Prof. Joseph Patrick, New York University of Technology, USA.

16 Seminars/ Conferences/Workshops organized & the source of funding

Name of Seminar/ Conference	Collaborating Agency	Date
Methodology of Social Sciences	Kerala state Higher Education Council	August, 2011

17. **a)** Student profile

Year	Applications received	Selected	Enrolled
2007	130	76	71
2008	90	60	57
2009	149	63	60
2010	323	51	49
2011	CAP	66	62
2012	CAP	72	70

b) University examination results

Year	No. Appeared	Pass Percentage	University Ranks
2007	56	80	
2008	59	93	I
2009	48	91	
2010	65	89	I(2), II
2011	52	92	III
2012	53	97	A+ (3no.)

c)Input output analysis

%	2007-2008		2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output	Input	Output
>90	-	-	-	-	-		2	-	2	13
75-90	2	2	-	2	9	13	6	6	17	11
60-75	18	16	6	27	10	16	19	33	56	38
<60	80	82	94	71	81	83	72	61	45	38

18. Diversity of Students

Year	No. of students from the same state	No. of students from other states	No. of NRI students
2007-10	66	2	3
2008-11	49	4	2
2009-12	48	1	4
2010-13	44	1	2
2011-14	59	2	3
2012-15	58	2	1

19. Number of students who have cleared national and state competitive examinations.

Exam	2007- 08	2008- 09	2009- 10
NET	2	2	2
JRF	-	-	3

20. Student progression

Student progression		**Against % enrolled**			
	2007-08	**2008-09**	**2009-10**	**2010-11**	**2011-12**
UG to PG	40	30	50	40	40
UG to BEd.	20	20	15	25	10
Employed other than campus recruitments	10	10	10	10	10
Entrepreneurship/Self-employment	15	15	15	15	15

21. Details of Infrastructural facilities

Library facilities	**Internet facilityfor staff and students**	**Classroom with ICT facility**
Reference books - 100 Books Purchased -150	Available	1

22. Number of students receiving financial assistance from college, university, Government or other agencies

Year)	**SC/ST**	**Fishermen**	**KPCR**	**Higher Education**	**Post matric**
2007-08	21	3	19		
2008-09	21		17		
2009-10	16	1	24		
2010-11	10		28		
2011-12	14		25	4	6
2012- 13	14		24	2	19

23. Details of value added programmes offered by dept. to its students:
- Invited lectures
- Experiential learning through industry and organization visits
- Mentoring ,Tutorials for weak students.
- study clubs and News reporting clubs for advanced learners
- Association activities to promote leadership and organizational skills.
- Research projects under the supervision of teachers to learn and explore social issues and to develop research acumen.
- Career orientation talks

24. Teaching methods adopted to improve student learning
- Lectures are supplemented with seminars and discussions by students
- Quiz, assignments, debates and power point presentations

25. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Mission Day – contribution Rs. 18750/- and Charity contribution – Rs. 82000/-
- Organize programmes on Environmental day, World Food day etc.

- Green initiatives and waste management campaigning in the locality on waste management are ongoing projects
- Eco-friendly bags design and distribution to the college students and also to the community.

26. Details of collaborations/tie-up

The Department has collaborations with some NGO's and Corporates.: **4**
J R Exports, CHASS, VICIB, Changanacherry Municipality

27. SWOC analysis of the Department and Future plans

Strength	**Weakness**
Good teacher-student relationship. Good demand for BA programme Dropout rates are very low. Good pass percentage and performance	High teacher –student ratio. the number of journals is limited. Lack of permanent teachers No flexibility with regard to syllabus
Opportunities	**Challenges**
Lots of job opportunities. Tie ups and consultancy services Government sponsored projects Entrepreneurship Development club	Equipping students to face competition Making the degree course more job oriented. Creating research orientation among students

Future plans

1. Start a post-graduate course.
2. Establish tie ups for research and development.
3. Give short on- the -job training to students
4. Enhance English proficiency of the students.
5. Provide Econometrics training to students.
6. Organise national and international conferences.
7. Start UGC Self-financing Courses.

EVALUATIVE REPORT OF THE PG DEPARTMENT OF HISTORY

1. Name of the Department : **PG Department of History and Research Centre**
2. Year of Establishment : **1990**
3. Names of Programmes / Courses offered

Course Name	**Choice based course (Elective)**	**Self financing / Aided**
BA History	Archaeology in India	Aided
BA Museology and Archaeology	History of Human rights movements in India	Self Financing
MA History	Contemporary India:Society & Economy	Aided

4. Names of Interdisciplinary courses and the departments/units involved

Course	**Type**	**Years**
Environmental history in the Indian context Gender Studies	Open course	Since 2010
Tourism Studies Travel and Tourism: (Certificate, Diploma, Advanced iploma	Add on course	Since 2008
Epigraphical Studies Tourism in Kerala UGC JRF/NET Coaching	Enrichment Module "	2007-2008 2008-2009 2013-14
Tourism Studies	Certificate course	2009-12

5. Participation of the department in the courses offered by other departments

Department	Programme
Economics	Complimentary History & Political Science
Literature	Complimentary Political Science
B Com [IGNOU 2009- 2012]	Complimentary History
IGNOU	Tourism Studies

6. Faculty profile with name, qualification, designation, specialization

Name	**Qualification**	**Designation**	**Specialization**	**Experience**
Permanent Faculty				
Dr. Sr. Rosamma Mathew	MA, B Ed, M.Phil,Ph.D	Asso. Prof.	Women Studies	25 years
Dr. Sheela Irin Jayanthi J.	MA, Ph.D	Asso. Prof.	Kerala History-Modern Period	19 years
Ms. Mariamma Jacob	MA, M.Phil, Pursuing Ph.D	Asso. Prof in Poli. Sc.	Political Ecology	22 years
Ms. Rosamma Jacob	MA, M.Phil, Pursuing Ph.D	Asso.Prof. in Poli. Sc.	Public Administration	20 years
Ms. Whyni Gopi	MA, B Ed, PursuingPh.D	Asst.Prof.	Local History	6 years

Fr. Thomas Parathara	MA (Hist),MA (GTDS) MA (Soc), MA Edn, MSc (Psy), M.Phil, B Ed, Pursuing Ph.D	Asst.Prof.	Gandhian Thought and Development Studies	3 yrs
Dr. Binumol Abraham	MA, M.Phil, Ph.D	Assistant Professor	Modernity in Kerala / Cultural history in Modern Kerala	2 yrs
Ms. Kamakshy V.	MA, Pursuing Ph.D	Assistant Professor	Local History	2 yrs
Ms. Loona C.	MA, Pursuing Ph.D	Assistant Professor	Women Studies	2 yrs
Dr. Poulami Aich Mukherjee	MA, Ph.D, PDF	Assistant Professor	Indo-Portuguese Relation	1 ½

Guest Faculty				
Sr. Maria L.FC	Guest Lecturer	MA,	2009 -12	
Ms. Renjini P.	Guest Lecturer	MA, M.Phil, Ph.D Thesis submitted	2011, 2013 -	
Ms. Neenu Jose	Guest Lecturer	MA	2011	
Ms. Arya P.N	Guest Lecturer	MA, M.Phil	2011 -	
Ms. Ganga Devi. R	Guest Lecturer	MA	2012 -	
Ms. Jaseera C.M.	Guest Lecturer	MA	2013	
Ms. Ginu George	Guest Lecturer	MA, M.Ed, Pursuing Ph.D	2013 -	
Ms. Tintu Skaria	Guest Lecturer	MA, B.Ed	2007-09, 2012-	

7. Percentage of lectures delivered and practical classes handled by temporary faculty

Year	**BA History**	**BA Museology &Archaeology**	**MA History**
2007-08	78	85	86
2008-09	43	85	50
2009-10	43	85	50
2010-11	43	85	40
2011-12	Nil	80	Nil
2012-13	Nil	100	Nil

8. Student -Teacher Ratio -

Year	**BA History**	**BA Museo& Arch**	**MA**
2012-13	24:1	6:1	4:1

9. Details of projects of Faculty Members

Major/Minor Project	**Name of Investigator/s**	**Name of Funding Agency**	**Total Grant**	
			Sanctioned	**Received**
Minor Project	Dr. Sheela Irin Jayanthi J.	UGC	20,000	10,000
Major Project	Dr. Sr. Rosamma Mathew	UGC	8,09,000	8,09,000
Major Project (Newlysanctioned)	Principal Investigator-Whyni Gopi Co-invest: Kamakshy V., Loona.C	UGC	4,15000	-

10. Departmental projects

Purpose	**Funding Agency**	**Amount**
BA Museology and Archaeology	**UGC**	Rs. 1645000/-
PG Grant X Plan 2007	**UGC**	Rs.2,77,440/-
PG Grant XI Plan 2007-2012.	**UGC**	Rs. 3,00000/-

11. Research Centre /facility recognized by the University

Name & Designation of Research Guides	**Name of Research Scholars**
Dr. Sr. Rosamma Mathew	Ms. Raji Sebastian , Ms. Ginu George, Mr. Sanjay C.T
Dr. Sheela Irin Jayanthi J.	Mrs.Smitha Sara Padiyara, Ms. Kamakshy V.
Dr. Rosamma Mathew,	
Dr. Fr. James John,	
Dr. Mathew T.M.	
Dr. P.S. Pratheep	

12. Publications by faculty

Name of the Faculty	**Publications**			**Presentations**		
	Journals	Proceedings	Articles			
	Nat	Nat		Int-Nat	Nat	State
Dr. Sr. Rosamma Mathew	1	1				
Dr. Sheela Irin Jayanthi J.		1				
Ms. Mariamma Jacob		1				
Whyni Gopi					2	
Rev. Fr. Thomas Parathara				1	1	
Dr. Binumol Abraham			1		1	
Dr. Poulami Aich Mukherjee		8		1	2	1
Tintu Skaria					1	
Renjini P.	1	4				

No. of presentations by students :1

13. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	Refresher, Orientation, training,workshop				Seminars (subject-related)		Seminars (general)
	R	O	T	W	National	Inter-national	National
Dr.Sr. Rosamma Mathew				1	3		
Dr. Sheela Irin Jayanthi J.			1	6	6	1	
Ms. Mariamma Jacob			1	1	1		
Ms. Rosamma Jacob				3	2		1
Whyni Gopi	2	2	1	4	5		
Fr.Thomas Parathara				1	3	1	
Dr. Binumol Abraham		1		3	1	1	
Ms. Kamakshy.V			1	1	5		1
Ms. Loona C.				4	2		
Dr. Poulami Aich Mukerjee		1		2	4	1	
Ms. Tintu Skaria					3		
Ms. Arya .PN					1		

14. Area of consultancy

Name of Faculty & Area of consultancy	Beneficiary
Dr. Sr. Rosamma Mathew: Consultancy Services –Archives	CMC Pavanatma Provinvial Hourse, Kothamangalam Mount Carmel Generalate Aluva,Amala Provincial H Kanjirapally,Marymatha Provincial House, Angamall Vimala Provincial House, Ernakulam
Ms.Whyni Gopi & Dr.Binumol Abraham: Consultancy service- ACQUIRE Scholarship	Students from all over the state selected for ACQUIRE Scholarship in every year from 2010 onwards

15. Faculty as members in National committees, Boards of studies, Editorial Boards, Resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	Details of Service provided with period
Dr. Sr. Rosamma Mathew	Board of Studies in History, M.G. University (2003-2008) , Member of the Historical Commission for the cause of Canonization of the servant of God, Mar Mathew Kavukatt, 2012.

Dr. Sheela Irin Jayanthi J.	Question paper setter, Kannur University, 2007-08 ,Subject Expert ,Additional examiner PSC, Govt. of Kerala, 2013 Subject Expert, M.G. University, Kottayam Chairperson, BA Museology and Archaeology, M.G. University, Kottayam
Ms. Whyni Gopi	Question paper setter, Calicut University, 2010
Dr.Paulami Aich Mukherjee	Sole Cultural Ambassador of the Govt. of Portugal in India, 2007-2017 Visiting faculty in the School of Letters, Coimbra University, Portugal, 2007 onwards.

16. Awards/ Recognitions received by a) Faculty

Name of Faculty	**Nature of Recognition**	**Awarded by**	**Month &Year**
Dr. Sr. Rosamma Mathew	Siksha Bharati Award Certificate of Merit for exemplary service through NSS	Indian Achievers Forum, New Delhi M.G University	April 2007 2011-2012
Ms. Whyni Gopi	University level best Programme Officer for NSS.	M.G University	2011-2012
Dr. Binumol Abraham	Best Thesis Award	University of Hyderabad,	Oct 2012
Dr.Paulami Aich Mukherjee	Best paper cash prize award Rs. 25000/-	Foundacao Oriente and French Institute at Pondicherry University	Dec 2012
Kamakshy V.	Most promising officer Medal for ANO's, NCC	NCC Officers Training Academy, Gwalior	2013

b) Students

Item	**Prize**	**No. of Prizes**	**Level**	**Year**
Rank	I, II,III	11	MG University	2008-13
ACQUIRE Scholarship	-	5	State	2010-11
Youth Festival	I,II, A Grade	6	MG University	2008, 09,10,12

17. List of eminent academicians and scientists/ visitors to the department: **30**

Dr. Poonam Chaudhari, Director, Institute of Museology, University of Jammu,Dr. P.K. Sharma, President Museum Association of India, Mr. John Philippose, Museum Consultant and Interior Designer, New Delhi, Mr. George Jacob, Eminent Museum Designer, Massachusetts, USA, Dr. Anand Burdhan, Professor, Delhi Institute of Research and Heritage, Dr. Jancy James, Former Vice-Chancellor, M.G. University, Dr. Yasoda, Former Vice Chancellor,

Mother Teresa University, Kodaikanal., Dr. Manimekhalai, Director, Centre for Women's Studies, Bharathidasan University, Trichinappally., Dr. M.G.S. Narayan, Director, CHS, Tripunithura,Dr. Rajan Gurukkal, Former Vice-Chancellor, M.G. University, Dr. M.V. Nair, Director, National Research Laboratory for Conservation of Cultural Property, New Delhi. Dr. K. S. Mathew, Director, IRISH, K. Babu Joseph, Former V.C., CUSAT, Cochi., Mr. A. Jothi Sathianess, Joint Director of Agriculture, Principal Agricultural Officer, Idukki, Mr. Michael Vogel, Philadelphia, USA, Leo George, Philadelphia, USA, Dr. P.K. Singh, Curator, Odisha State Museum, Bhubaneshwar, Mr. P.K. Samant, Curator, Odisha State Museum, Bhubaveswar, Ms. Hina, Delhi Institute of Heritage Research and Management, New Delhi, Mr. M. Gandhi, Curator Rtd, Vellure, Tamil Nadu, Dr. S.M. Nair, Former Director, National Museum of Natural History, New Delhi, Mr. Ashish Singh, Research Scholar, National Museum, Mr. Ghazal Zalgham, Film Producer, Information Dept., Lucknow, Mr. M.N. Pillai, Curator, Govt. Museum, Chennai, Dr. Hema Chandran, Superintendent, Dept. of Archaeology, Kerala, Smt. Padma Ramachandran IAS, Former Chief Secretary to the Govt. of Kerala & Former Vice Chancellor, M.S. University, Baroda, Gujarat, Rev. Fr. Joseph P.P., Principal, BSSS College, Bhopal, Dr. K. Mohandas, Vice-Chancellor, KUHS, Trissur, Dr. Ajit Kumar, HOD, Dept. of Archaeology, University of Kerala, Advocate K.J. John, Gandhian

18. Seminars/ Conferences/Workshops organized & the source of funding

a) National

Name of Seminar/ Conference	Collaborating Agency, if any	Date	Funding received
Role of Women in the emerging Indian Society	UGC	12-14 Jan 2009	30,000/-
Archaeology and Museology-Prospects and Challenges	UGC	21-22 Dec 2010	75,000/- (PG Devpt.fund)
All India Museum Conference	Museums Association of India	28-30 Dec 2011	

19. a) Student profile

Year	**Applications received**			**Selected**			**Enrolled**		
Course	B A		MA	B A		MA	B A		MA
	Hist	Mus	Hist	Hist	Mus	Hist	Hist	Mus	Hist
2007	80	14	11	75	10	11	72	8	11
2008	157	16	10	60	12	10	58	10	4
2009	137	18	14	57	10	13	55	10	8
2010	115	10	CAP	52	7	17	50	4	14
2011	CAP	CAP	CAP	66	17	17	66	10	13
2012	CAP	CAP	CAP	66	14	18	63	14	17

b)University examination results

Year	**No. Appeared**			**Pass Percentage**		
	B A		**MA**	**B A**		**MA**
	Hist	**Mus**	**Hist**	**Hist**	**Mus**	**Hist**
2007	42	9	11	83	-	82
2008	44	7	12	88	78	75
2009	69	6	6	88	57	50
2010	56	8	4	78	83	75
2011	55	10	10	84	88	70
2012	51	14	14	88	90	71

c) Input output analysis -

BA Hist & BA M. Ar	**2008-09**				**2009-10**				**2010-11**				**2011-12**			
	Input		**Output**		**Input**		**Output**		**Input**		**Output**		**Input**		**Output**	
	H	**M**	**H**	**M**	**H**	**M**	**H**	**M**	**H**	**M**	**H**	**M**	**H**	**M**	**H**	**M**
> 90	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
75-90	-	-	2	40	2	-	2	37	4	12	2	37	-	-	13	37
60-75	15	20	14	40	13	12	12	50	21	50	30	25	16	50	49	50
> 60	85	70	83	10	87	50	85	-	73	25	61	-	65	50	38	1

MA	**2008-09**		**2009-10**		**2010-11**		**2011-12**	
	Input	**Output**	**Input**	**Output**	**Input**	**Output**	**Input**	**Output**
>90	-	-	-	-	-	-	-	-
75-90	7	7	-	-	25	25	-	-
60-75	57	54	2	66	50	25	10	60
< 60	23	23	66	33	25	25	90	40

20. Diversity of Students

Year	Same State			Other States			NRI		
	B A		MA	B A		MA	B A		MA
	Hist	Mus	Hist	Hist	Mus	Hist	Hist	Mus	Hist
2007	78	8	11						
2008	60	8	10						
2009	57	10	4						
2010	50	6	8	1			1		1
2011	66	8	14		1			3	1
2012	65	12	12				1	2	1

21. Student progression BA History, BA Museology and MA History

Student progression	Against % enrolled														
	2007 -08			2008-09			2009-10			2010-11			2011-12		
	H	M	MA	H	M	MA	H	M	MA	H	M	MA	H	M	MA
UG to PG/ PG to BEd/ MEd.	14	65	50	14	86	57	12	83	50	7	63	33	4	30	29
Employed -	51	50		10	-	42	9	-	50	14	-	13	-	-	29
Entrepreneurship	14														

22. Details of Infrastructural facilities

Library facilities	Internet facility for staff and students	Classroom with ICT facility	Heritage Museum
Reference books - 800 Journals -2 Book Bank– 15	Available	OHP, LCD Projector, Screen, 3 PC and 1 Laptop, 2Printers, Digital Camera, CD Player,	Wide collection of artifacts, objects, models, numismatic collections

23. Number of students receiving financial assistance from college, university, government or other agencies

Year	**SC/**		**ST**		**KPCR**		**OBC**		**OEC**		**Fishermen**
Class	BA (His)	MA	BA (His)	M A	BA	MA	BA	MA	BA	MA	BA
2007-08	10	1			14		9		9	3	1
2008-09	16	2			29		5		7	2	nil
2009-10	7	1			21		5		7	2	2
2010-11	9		2		22	10	8		2		1
2011-12	6	1			17	7	8		10		2
2012-13	11	1	2	1	24	9	4		9		nil

24. Number of value added programmes offered by dept to its students: **40**

25. Teaching methods adopted to improve student learning

- Group discussion and debates, Dissertation based on study tours
- Excavations and study tours.
- Power point presentations and Practical classes for Informatics
- Quiz and brain storming sessions
- OJT programmes for BA Museology and Archaeology students
- Personal counseling, tutorial, mentoring
- Bridge course for I DC students

26. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Folklore club activities
- Visit to Heritage Centers
- Members of NSS & NCC
- Visit to various Charitable Institutes and Old age homes and contribution to charity fund
- conducted nutrition awareness class and legal literacy class
- Cancer awareness camp
- Eco project and Cultural rally

27. Details of collaborations/tie-up

1. Centre for Heritage Studies, Hill Palace, Trippunithura
2. Kerala Council for Historical Research
3. Archaeological Survey of India-Trissur Division
4. Department of Archaeology, Govt. of Kerala
5. Institute for Research in Social Sciences and Humanities (IRISH)
6. Lisbon University, Portugal & Coimbra University, Portugal

28. SWOC analysis of the Department and Future plans

STRENGTH	**WEAKNESS**
Research Centre &Six research guides Best paper presentation awards and presentations Heritage Museum & Department Library Organized National Seminars, Conference, Workshops and Inter-Collegiate Quiz Competition Manuscript Magazine for students	First generation learners and lack of proper guidance and orientation Majority students opt the course out of no choice Lack of placement opportunities Lack of publication
OPPORTUNITIES	**CHALLENGES**
Job opportunities in various sectors Potential to seek research funds from different agencies Generate social scientific sense among people	To raise the pass percentage of students To increase publication by Faculty members To regularize BA Museology and Archaeology course To enhance collaboration in the field of research To boost research activities of the Centre

Future Plan

- Exhibition on historical and cultural antiques
- Dr. Sr. Rosamma Mathew Endowment Lecture Series
- Course work for Ph.D
- Elementary reference booklet of key concepts in History
- Sr. Roselin Endowment prize for best paper presentation

EVALUATIVE REPORT OF THE DEPARTMENT OF FASHION TECHNOLOGY

1. Name of the Department : **Fashion Technology**
2. Year of Establishment : **2002**
3. Name of Programmes / Courses offered

Course Name	UG/PG	Self financing/Aided
Bachelor of Fashion Technology	UG	Self financing
M Sc Textiles & Fashion	PG	Self financing

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Years
Indian Traditional Embroidery	Enrichment Module	2007-2009
Textile Printing Techniques	,,	2009-2010
Fashion and Textile Ornamentation	,,	2010-2011
Jewellery Making	,,	2011-2012
Ethnic Wear Designing and Construction	,,	2012-2013
Fashion Psychology and Grooming	Open Course	2011-2013

5. Participation of the department in the courses offered by other departments

Department	Programme
Community college	Diploma in Fashion Designing
Home Science	Statistics for MSc . Family and Community Science

6. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	Experience
Prof Alice Sebastian	Msc Chemistry	Co-ordinator		33 yrs
Ms.Anu Anna Koshy	M Sc Textiles & Clothing	Guest lecturer	Textile Sc.	8
Ms. Tinu Maria Thomas	M.Sc Costume Design & Fashion	"	Designing	4
Ms. Rose Mary Ancel	M Sc Textiles & Clothing, Dip. in F & C (NIFT)	"	Draping	5
Ms. Anna Mary Scaria	M.Sc Costume Design & Fashion	"	Fashion Illustration	3
Ms. Liz Thakom Mathew	M F A in Textile Designing	"	Textile Designing	6+3
Ms. Anu Mary Augustine	B Sc, Advanced Diploma in Computer Aided Fashion Designing	"	Garment Construction	3

Ms Rohini K	M Sc Apparel Production, Dip in Technical Textiles	"	Technical textiles	2
Ms.Tini Rose Mary Thomas	M.Sc Costume Design & Fashion	"	Pattern Making	6 months
Ms.Jyothis Zacharia	M.Sc Fashion Retail Management	"	Merchandising	1Yr
Ms.Tania Elizabeth Korah	M.Sc Apparel Production	"	Marketing	7+6
Ms.Neelima R Thomas	PGD in Fashion Design Management	"	Draping	2Yr+ 1
Ms. Jessy Mathew	MSW	Consultant & CEO Incubation Centre		
Dr. Susan Paul	Ph.D in Textile & Clothing	Visiting faculty		

7. Percentage of lectures delivered and practical classes handled by temporary faculty- 100%
8. Student –Teacher Ratio (programme wise): 9:1 **(UG),** 2:1**(PG)**
9. Number of academic support staff (technical) –1
10. Publications: faculty
    1. Published an article by the Department of Fashion Technology on *The Evolution of Kerala Costumes* for a Multidisciplinary reference book for Universities and Malayali Diaspora- INTRODUCTION TO KERALA STUDIES Volume-1
    2. Ms. Tinu Maria Thomas and Ms. Anu Anna Koshy - Articles in Griha Lakshmi and Kanyaka in March 2009.
11. Courses/Seminars/ workshops attended by Faculty(provide numbers only)

Name of Faculty	**training**	**Seminars (subject-related)**	**Seminars (general)**
Ms. Anu Jean	1		
Ms. Rekha T.S.	1		
Ms. Anu Susan John	1		
Ms. Anu Anna Koshy	1	1	
Ms. Tinu Maria Thomas	2		
Ms. Reshma Alexander		1	
Ms. Anu Mary Augustine		1	

12. Area of consultancy

Area of consultancy	Beneficiary
Designing of Uniforms for local school and Bandset	Educational Institution
Apparel Constructed and rented out	Cultural shows
Selction of trainees	KIED

13. Faculty as members in National committees, Boards of studies, Editorial Boards, resource persons, subject experts, expert committee, PSC, external universities etc

Name of Faculty	Details of Service provided with period
Ms. Liz Thankom Mathew	• Member-Board of Studies, B.Sc Costume Design and Fashion, University of Calicut. • Member of Inspection Commission, M G University to assess the facilities available at CET College of Management, Science & Technology • Member of the Inspection Commission, M G University to assess the facilities available for starting new UG Course at Marthoma College, Thiruvalla
Ms. Anu Anna Koshy	• Member of Inspection Commission, M G University to assess the facilities available for starting new PG course at CET College of Management, Science & Technology

14. Awards/ Recognitions received by
Students (only outstanding achievements – at Uty level and beyond)

Item	Prize	Number of Prizes	Level	year
Paper Presentation	I	2	National	2012
	II	4		2010, 11
Fashion Sketching/ Illustration	I	1	National	2011
	II	1		2010
Fashion show	Participation	1	National	2010
Face Painting	I	2	National	2011
	Participation	1		2010
Painting	I	2	State	2010, 2011
	III	1		2010
Mime	II	1	Uty. level	2012

15. List of eminent academicians and scientists/ visitors to the department:14

1. Ms. Brigitte Koenig, Senior Experts Service, Germany
2. Ms. Christaina, Senior Experts Service, Germany
3. Mrs. Maria Philipose Sinha, Fashion consultant from Mumbai

4. Mr. Collins Deophil, Film Publicity Designer
5. Ms. Neenu Mary Mathew and Ms. Vidhyarthyka, Pearl Academy of Fashion
6. Ms. Sajimon Parayil, MD & Chairman, Bits Indiana Group of Companies,
7. Prof. Sheela Thomas, Deputy Director, Collegiate Education
8. Mr. B Jyothi Kumar, Deputy General Manager, KSIDC
9. Prof. D. Anitta Rachel Christopher – HOD- Textile Testing & Quality Control- Nift-Tea Knit Wear Fashion Institute, Tirupur
10. Mr. K J Sivajnanam, Vice Principal, NIFT-TEA Tirupur –
11. Mr. M V Vimalan, General Manager, Kerala Textiles Co operation Ltd
12. Mrs. Susan Paul- Dean & Professor-Galaxy group of Institutions, Ambala-
13. Mr. Sunny Luke- International Institute, New Jersy
14. Rotary group Study Exchange Team, USA
15. Mrs. Sabrina Koch, Fashion School, Germany
16. Mrs. Ina Franzmann, Fashion School, Germany

16. Seminars/ Conferences/Workshops organized & the source of funding

	Name of Programme	**Collaborating Agency**	**Date**
International	Design Module	Kailash G Menon, Fashion Designer, Dubai	August 2007
	Career Orientation	North Hampton University	14/10/ 10
	International Trends in Fashion	Mr. Sajimon Parayil, BITS INDIANA Group of Companies.	2/09/ 2010
National	Industrial Practices In Merchandising And Textile Science	Pearl Academy, Chennai	5-6/3/2008
	Present Scenario Of Fashion Industry	Pearl Academy, Chennai	11/03/2009
	Knitting	Mr. K.J. Shivajnanam, Vice-Principal, NIFT-TEA, Tirupur	20/11/2009
	Career Guidance	Mr. N Gopakumar, Chief Executive Indian Trade Fair Association	11/02/2010

Workshops

Name of Programme	**Resource Person**	**Date**
Soft Toy Making	Ms. Puspaja S	30/10/ 2010
Ribbon Embroidery	Ms.Teena Elizabeth Thomas	30/11/2012
Soft Toy Making	Ms. Anna Mary Scaria	16/03/ 2013
Bridge course for freshers	Faculty members	19-21/6/ 2013

17. a) Student profile

Year	Applications received	Selected	Enrolled
2007	50	28	28
2008	83	26	26
2009	60	26	26
2010	56	29	29
2011	CAP	29	29
2012	CAP	22	22

b) Examination results

Year	No of Appeared	Pass %	Rank
2008	29	66	I,II,III
2009	22	95	I,II,III
2010	23	60	I,II,III
2011	24	83	I,II,III
2012	22	95	

c) Input output analysis

%	2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output
>90		24		4				45
75-90		76	8	74		71	86	55
60-75	10		80	22	35	29	9	
<60	90		12		65		5	

18. Diversity of Students:

Name of the Course	No. of students from the same state	No. of students from other states	No. of NRI students
Bachelor of Fashion Technology	64	4	4
M.Sc Textiles & Fashion	5	-	-

19. Student progression

Student progression	Against % enrolled					
	2007- 08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	38	32	35	27	32	33
Employed Campus Selection		4.5				4.16
Other than Campus recruitment	21	37	39	40	45	50
Entrepreneurship/ Self employment	34	27	26	14	18	12

20. Details of Infrastructural facilities

Library facilities	**Internet facility for staff and students**	**Classroom with ICT facility**	**Laboratories**
Reference books - 371 Journals - 3	Available	LCD Projector – 1	1. Fashion Art Lab 2. Garment construction lab 3. Pattern Making and Draping lab 4. CADD Lab 5. Textile Testing Lab 6. Textile Dyeing and Printing lab

21. Details of value added programmes offered by dept to its students : 15

22. Teaching methods adopted to improve student learning

- Software aided teaching- learning, Research Oriented Craft Documentation
- Final collection ,Industrial Internships, Knitwear module
- Hands on training on Natural Dye, attended at Aranya Natural Dye Unit, Munnar
- Collaboration with German School of Design, Frankfurt, Germany

23. Participation in Institutional Social Responsibility (ISR) and Extension activities

- **'**CREAZIONE'- An Exhibition cum Sale of Garments and Accessories open to the Public.
- Whole support to St. Theresas Pre Primary School, Vazhappally for their participation in the "Little Flower King/Queen" competition on 26th February 275organized by Assumption Community College in collaboration with Changanacherry Merchants' Association
- Eco projects- placed eco-friendly sign boards - different locations in the campus.
- Eco friendly garment accessories -developed every year by III BFT students
- Craft documentation
- Charity visit and Mission day collection

24.Details of collaborations/tie-up

Purpose of Collaboration	**No of Collaborating Agency**
Internship	23
Indusrial Visit	4
Knit wear module	1

25. SWOC analysis of the Department and Future plans

Strengths:	**Weakness:**
• Adequate Infrastructure and Well Equipped Laboratories • Maintains Industrial Standards in Sewing and Construction • ICT Facilities • Interactive Learning Sessions • Research Oriented Craft Documentation Programme • Annual Industrial Visits • Regular Staff Meetings • Visits of Eminent Academicians, • ResourcePersons and Regular international visiting faculty **Challenges:** • Tight time schedule • UGC NET examination not available in the stream- Fashion Designing • Intake of substandard students because of university late admissions and inefficient aptitude test.	• Placement Cell needs to be strengthened. • Lack of Proper Industrial Job Exposure due to syllabus structure **Opportunities:** • Job Opportunities During Internships for Excellent Students • Scope for Entrepreneurship • Wide Scope For Students To Take Up Their Field Of Interest During Study • Option to Continue Higher Studies Under The Same Roof • Regular German Language Learning Session • Senior Expert Service (SES) from Germany

Future Plan:

- To Set up a fashion studio for fashion photography, styling and choriography.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE

1. Name of the Department : **Commerce**
2. Year of Establishment : **2004**
3. Names of Programmes / Courses offered

Course Name	Choice based course (Elective)	Self financing/Aided
B.Com	Computer Application	Self financing

4. Names of Interdisciplinary courses and the departments/units involved :

Course	Type	Years
Basic Principles of Accounting	Enrichment Programme	2007-08
Coaching for entry in to bank service	”	2008-09
Basic Principles of Accounting	”	2009-10
Banking and Accounting	”	2010-11
Fundamentals of Accounting	”	2011 on wards
Tally	Add on	2009-13
Business Ethics	Open Course	2010-13
Fundamentals of Accounting	,,	,,
Fundamentals of Accounting	,,	,,

5. Participation of the department in the courses offered by other departments :

Department	Programme
B.Com & M.Com (IGNOU)	Commece subjects - All years
BA Communicative English	Entrepreneurship Development
B.Sc Computer Science	Financial Accounting
M.Sc Home Science	Financial Accounting

6. Faculty profile :

Name	Qualification	Designation	Specialization	Experience
Ms.Siji Thomas	M.Com,M.Phil,	Guest Lecturer	Finance	12
Ms.Vani Viswanath	M.Com, B Ed, NET, SET	Guest Lecturer	Finance	7
Ms.Sincy Kuriakose	M Com, B.Ed	Guest Lecturer	Finance	3
Ms.Rajimol P.T	M Com, B.Ed,	Guest Lecturer	Marketing	5
Ms.Roshan Bruce	LLM	Guest Lecturer	Administrative Law	3
Ms.Renu S	MCom,M.Ed,	Guest Lecturer	Finance	3
Ms.Ligi Jolly	MCom,MBA,	Guest Lecturer	Finance , HRM	2
Ms.Aswathy Sadasivan	M Com, NET	Guest Lecturer	Finance	3

7. Percentage of lectures delivered and practical classes handled by temporary faculty- **100 %**
8. Student -Teacher Ratio : 41:1**(UG)**
9. Paper Presentations by faculty :

National

Aswathy Sadasivan - Relavance of CSR in the society with special reference to Mahindra Group, National Seminar conducted by the Department of Collegiate Education, Govt. College, Nedumangad, Thiruvananthapuram on 16th and 17th February 2012

Problems and Prospects of Women Entrepreneurs, in the UGC sponsored National Seminar Conducted by Department of Women Studies of Bharathidasan University Tiruchirappally on 29 and 30 April 2013.

State/ Regional

Renu S, Awareness on Information And Communication Technology among Teacher Trainees in Kerala, UGC Sponsored State Level Seminar on

Implication of Novel Technological Approaches in Education on 10th July 2009

Publication

Aswathy Sadasivan - An article published in the Bi Annual International Journal on multidisciplinary 'Research Explorer' with ISSN No: 2250-1940 on the topic 'Problems and Prospects of Women Entrepreneurs'

10. Courses/Seminars/ workshops attended by Faculty :

Workshop/ training	**Seminars (subject-related)**		**Seminars (General)**	
	Inter national	National	International	National
5	0	23	10	14

11. Award/ Recognitions received by students

Item	**Prize**	**Number of Prizes**	**Level**	**Year**
Rank	I IV	2 2	IGNOU MG Uty	2012 2010,2011
Intercollegiate competition	I, II & III	23	State	2007-13
Youth Festival	III,II	5	MG Uty	2008,2009

12. List of eminent academicians and scientists/ visitors to the department :

Dr.Rajan Gurukkal - Vice Chancellor , M G University in 2009.

13. Seminars/ Conferences/Workshops organized & the source of funding

National

Name of Seminar/ Conference	Date	Funding received
Impact of Global Recession on Indian Economy	23rd &24th Sept.2009	External Sponsorship and student contribution

14. **a)** Student profile

Year	Applications received	Selected	Enrolled
2007	277	77	69
2008	347	70	68
2009	452	62	62
2010	461	66	65
2011	CAP	70	70
2012	CAP	70	70
2013	CAP	70	70

b) University examination results

Year	Appeared	Pass %	Rank
2007	22	86	
2008	66	80	
2009	65	82	IV
2010	68	99	IV
2011	67	96	
2012	61	97	

c)Input output analysis :

	2008-09		2009-10		2010-11		2011-12	
	Input	Output	Input	Output	Input	Output	Input	Output
>90%	1	0	2	2	3	1	0	5
75-90	23	22	14	19	7	29	39	52
60-75	27	51	42	60	53	59	48	30
< 60	48	26	43	19	37	10	13	13

15. Diversity of Students:

Year	No.of students from same State	No.of NRI students	One Parent Abroad	No.of students from other States
2007-08	52	9	14	2
2008-09	54	8	3	4
2009-10	44	8	5	5
2010-11	43	9	9	5
2011-12	45	6	7	2
2012-13	59	3	7	1

16. Number of students who have cleared national and state competitive examinations

Name of Exam	No. of students	Year
NET	1	2011
CA	1	2011
NET	2	2012
IBPS	3	2012

17. Student progression

Student Progression	Against% enrolled				
	2007-08	2008-09	2009-10	2010-11	2011-12
UG to PG	55	50	75	72	40
Employed Through Campus Selection				6	3
Other than Campus Selection	35	13	40	30	
Entrepreneurship/ Self employment	5	6	5	3	

18. Details of Infrastructural facilities

Library facilities	Internet facility for staff and students	Classroom with ICT facility
Reference books - 400 Journals -2 Book Bank – 50	Available	With LCD Projector -1 Digital Camera – 1 CD Player - 1

19. Number of students receiving financial assistance from college, university, government or other agencies: **100**

20. Number of value added programmes offered by dept to its students: **27**

21. Teaching methods adopted to improve student learning:

- Seminars, Assignments, Group Discussion, Practical exercises, Role play, Student surveys
- Technology aided learning, Study groups, Bridge courses, Industrial visit

22. Participation in Institutional Social Responsibility (ISR) and Extension activities :

- Local Road (P P Jose Road) Maintenance and Beautification Project.
- The department contributed around Rs.120000 during 2007 to 2013
- Charity visit during the year 2011 and 2012 to old age homes
- In 2010 financial aid of Rs 17000 to a student to avoid bank recovery

23. Details of collaborations/tie-up :

Purpose of Collaboration	Collaborating Agency	Period
Soft skill training	CHASS, Changanacherry	2007-08
Forex transaction training	Punjab National Bank, Chry,	2007-08
Practical sessions for Marketing and Advertising	Universal Telecasting Company Kochi	2010
Practical Accounting and Taxation	Tax Study Centre, Authorised Training Centre of SIDCO, a Government of Kerala Undertaking, Kochi	2012
Local Road Maintanence and Beautification Project – P P Jose Road, Changanacherry	Junior Chamber of Commerce	2012

24. SWOC analysis of the Department

Strengths ▪ Youthfulness & Innovativeness ▪ Teamwork ,Good Result ▪ Department Library ▪ Students strength	***Weaknesses*** • Lack of Scholarships and UGC Grants. • Lack of Research and Publications.
Opportunity ▪ Enhanced scope of Commerce ▪ High demand for course ▪ Social Accreditation ▪ Contacts & Linkages	***Challenges*** ▪ High Student Teacher Ratio ▪ Lack of Practical Exposure ▪ Lack of enhanced tie ups

Future plans :

- Promotion of research among faculties
- International and national seminars
- Academic linkages with organization
- Start guidance centre for courses like CA, ICWA, C.S, etc
- Organizing National Level competitions

EVALUATIVE REPORT OF THE DEPARTMENT OF SOCIAL WORK

1. Name of the Department : Department of Social Work
2. Year of Establishment : 2004
3. Name of the Course offered

Name of the Programme	Specialization	Self financing/ Aided
MSW	Medical & Psychiatry	Self financing

4. Names of Interdisciplinary courses and the departments/units involved

Course	Type	Year
Certificate in Yoga and Beauty Care	Add on Course	2009-2010
Certificate Course in Human Relations	Enrichment Programme	2010
Certificate Course in HIV Counseling & Family Education	IGNOU	2010-2011
Course In Human Rights Education	Foundation Course	2012

5. Faculty profile with name, qualification, designation, specialization.

Name	Qualification	Designation	Specialization	Experience
Sr MinimolD.	MSW,MPhil,	Guest	Medical & Psychiatry	9yrs
Sr Josiyamma	PhD, MSW, BEd	”	”	3yrs
Sr Rosamma Thomas	MSW	”	Family & Child Welfare	2yrs
Ms.Hilda Elizabeth Antony	MSW	”	”	2yrs
Ms.Babita Miriam Jacob	MSW, UGC, PG Dip in Health & Hospital Management.	”	Medical & Psychiatry	6 mths.

6. Percentage of lectures delivered and practical classes handled by temporary faculty- 100%
7. Student -Teacher Ratio : 7:1 (MSW)
8. Department projects

Major/ Minor	Title of Project	Funding Agency	Duration	Amount
Minor	The effectiveness of community policing in pathanamthitta dist,	Adoor Police Station	2 months,2010	12,000.00

9. Publication by faculty: in National Proceedings - 1

D.Minimol, - **'**Familial, School Influence on Achievement Motivation of Adolescent'**,** At National Conference on Inclusive Development- A social perspective.) 9 ISBN: 978-93-80767-03-1 (2010)

10. Courses/Seminars/ workshops attended by Faculty

Name of Faculty	**Training**	**Seminars (subject-related)**	**Seminars (general)**
		National	**National**
Sr Minimol D.	4	2	1
Sr Rosamma Thomas	3	2	
Harsha Joseph	3	2	
Hilda Elizabeth Thomas	2	1	

11. Area of consultancy

Name	**Area of consultancy**	**Beneficiary**
All faculty	ICDS (Data Collection and Feeding for the study entitled ICDS programme in minority concentrated district-an evaluation	National institute of public corporation and child development
	Red Ribbon	Kerala State AIDS Control Society
	Environment conservation (3 days Nature Camp)	Periyar Tiger Reserve, Thekkady.
	Community Policing (Data Collection)	Adoor police station
Sr. Shalini CMC (D. Minimol)	1.Special Education	Asha bhavan, Chenganacherry Jnanodaya, Niranam Deepti –muhamma (Special Schools)
	2. Charitable Society	Sanketham (Rehabilitated village)
	3. Writers Forum	CMC Generalate, Aluva
Sr. Josy Maria SABS	Counselling	Maha Jubilee Memorial hospital, Edathua. Social work centre of Reeta Bhavan
Sr.Solly DSJ	Adoption	Infant Jesus Sisubhavan
Ms. Babita Miriam Jacob	Child Development	Childline

12. Awards/ Recognitions received by (a)**Faculty**:

Sr. Minimol D. - Nominated for Women Achievers Award (2009) of India International Friendship Society, in appreciation of her work in the field of Women Empowerment

b). Students:

Item	Prize	No. of Prizes	Level	Year
Promising Social Worker	I runner up	1	National	2008
Project Writing	I	1	National	2008

13. List of eminent academicians and scientists/ visitors to the department
    1. Prof. Anita Fery, U.S.A(Academician)
    2. Dr. Anne Mungai, U.S.A(Academician)
    3. Rev. Jose Antony (Director of VOZARD)
    4. Dr. K. A Joseph(Academician)
    5. Rev. Fr. Joye James(Academician)
    6. Louis Lobithas (Trainer)
    7. Dr. Pavan John Antiony U.S. A (Academician)
    8. Mr. G. Placid (Trainer)
    9. Dr. Stephen Shore U.S. A (Academician)

14. Seminars/ Conferences/Workshops organized & the source of funding

a) International

Name of Conference	Collaborating Agency,	Date
Inclusion: Understanding Children with Disabilities to Build Inclusive Communities	Adelphi University, USA.	11-12/1/20012

b) National

Name of Seminar	Collaborating agency	Date	Funding received
Re-accentuating mental health perspectives in social work practice	UGC	August 2008	25,000

15. a. Student profile

Name of the Course/ Programme	Year	Selected	Enrolled
Master of Social Work (MSW)	2006-08	30	27
	2007-09	19	16
	2008-10	17	17
	2009-11	14	13
	2010-12	8	8
	2011-13	18	18

b) University examination results

Year	Appeared	Pass %
2006-08	27	81
2007-09	16	75
2008-10	17	94
2009-11	13	85
2010-12	8	38
2011-13	18	89

16. Diversity of Students:

Year	No. of students from the same state	No. of students from other states	NRI
2007 -08	15		
2008 - 09	15	1	1
2009 – 10	13	-	-
2010 – 11	8	-	-
2011 – 12	16	-	-
2012 – 13	17	-	3

17. Number of students who have cleared national and state competitive examinations :

Exam	2008- 09	2009- 10	2011 - 12
NET	1		
SET	-	1	-
JRF			1

18. Student progression for the last 5 years

Student progression	Against % enrolled
PG to M.Phil.	3
PG to Ph.D.	1
• Employed • Campus selection • Other than campus recruitment	42 10 40

19. Details of Infrastructural facilities

Library facilities	Internet facility for staff and students	Classroom with ICT facility
Reference books - 27	Available	With OHP& LCD -1

20. Details of value added programmes offered by dept to its students – 5

- Rural Camps
- Nature Camp
- Street theatre
- Day Observations
- Women empowerment programmes

21. Teaching methods adopted to improve student learning
    - Experimental Exercise, Demonstrations, Current affairs analysis
    - Observation Visits ,Field action projects, Role play
    - Brain storming, Experience sharing
    - Case analysis, Focus group discussions

22. Participation in Institutional Social Responsibility (ISR) and Extension activities

Name of Collaborating Agency	Name of the Programme	Period
Vasan Eye Care, Kottayam	Eye- camp	4/10/ 2008
ARDSI	Dawn of Minds – documentary on Alzheimer's	11/2009
SEWA	Study on Street Vendors	10/2008-04/2009
Rajagiri Out Reach & UNICEF,ASSK,ICSW	State wise awareness Campaign On the Cause and Consequence of Iodine Deficiency Disorders Among School Children	9/02/2009
Krist Seva Kendra -MP	Rural Camp	November 2009
Archana Women centers	Field work and community programmes	2007-2013
CHASS	"	2007-2013
KSS	"	2007-2013
BODHANA	"	2007-2013
KDS	"	2007-2013
ASK	"	2007-2013
ADS	"	2007-2010
Eramathur Youth Movement	Adult education	2008
Atree	Community programmes	2008
NIMHANS,Bangalore	Field WorkPracticum	2007-2013

ST. Johns National Academy of Health Sciences ,Bangalore	Field work practicum	2007-2013
Sreeramachandra University ,Chennai	”	2007-2013
ST Marthas Hospital ,Bangalore	”	2007-2013
Christain Medical College Vellore	”	2007-2013
Sree Chitra Thirunal Institute of Medical Science And Technology	”	2007-2013
Malabar Institute of Medical Science	”	2007-2013

23. Tie-ups with other institutions:

Collaborating Agency	**Purpose of Collaboration**	**Year**
Amrutha Istitute of Medical science	Field work practicum	2007-13
All India Institute of Medical science And Technology	Field work practicum	2007-13
J J Hospital Mumbai	Field work practicum	2007-13
Nirmala Nikethan,Mumbai	Field work practicum	2007-13
Adelphi University.USA	Field work practicum	2007-13
Kottayam medical college	Medical camp	2007
Alappuzha Medical College	Suicide Prevention Awareness Camp	2008
Pushpagiri Medical College	Field work practicum	2007-13
Mosc Medical college ,kolencherry	Field work practicum	2007-13
Institute of mental health and Nuerosciences	Field work practicum	2007-13
Medical Centre Ernakulam	Field work practicum	2007-13
MJM Hospital Edathua	Field work practicum	2007-13
Ananthapuri Hospital And Research centre	Field work practicum	2007-13

23. SWOC analysis of the Department and Future plans

Strengths	**Weaknesses**
• .Dedicated team of faculty with expertise in various fields. • Community interventionopportunities	• Student- man power' can be utilized little more so that more community based projects has to come up. • Research initiatives and other academic pursuits by faculty need to be improved
Opportunities	**Challenges**
• More networking with the community and other governmental institutions	• Lack of adequate financial resources.

Future Plans:

- Convert MSW as the flagship programme of the college.
- Establish a **social work lab**, where lot of projects with adequate funding are being handled.

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICAL EDUCATION

1. Name of the Department : Department of Physical Education

2. Year of Establishment : 1956

Highlights of the Department

The department is the recipient of the **Kerala sports council award and Rajiv Gandhi Gold Cup and cash prize of Rupees 5 lakhs** in college games. **Malayala Manorama Trophy** in 1991-92, 1992-93, 1993-94, 1994-95, 1998-99, 2009-10,2011-12 and 2012-13 and Rs. 50,000/- in each year for the best sports performing colleges in Mahatma Gandhi University. The department so far produced 39 international athletes and players, one **Olympian and Arjuna Awardee** (Chitra K Soman). We got 29 international medals. After the second accreditation i.e. from 2007 to 2013, 11 of our students represented India in Handball, Athletics, volleyball and basketball and secured 7 international medals. Geethu Anna Jose – **Asia's No.1 basket ball player** is our Alumna.

DETAILS OF FACULTY

Name	Designation	Qualification	Date of Appointment	Experience
Smt. Ninamma Thomas	Asso.Prof.	MA, MPED (I Rank)	01.10.1986	26 years
Smt. Suja Mary George	Asst. Prof.	MPE, NET	08.07.2005	8 years

Details of Present Coaches

Name of the Coach	Designation/Discipline	Qualification
Sri. P.P. Paul	Kerala Sports Council Athletic Coach	Degree, NIS
Sri. Raju Abraham	Sports Council Basketball Coach	Degree, NIS
Sri. V Anilkumar	Sport Council Volleyball Coach	BPE, MPE and NIS
Sri. Varghese T J	Handball Coach	Ex-service & International Handball Player
Sri. Sibu Sivadas	Softball, Baseball Coach	Degree
Sri. Mahesh T	Netball Coach	MPEd

SPORTS HOSTEL SCHEME

We have **four College Sports hostels** under the sports hostel scheme of Kerala Sports Council, Athletics, Volleybal, Basketball and Handball. The Council meets the boarding expenses and Washing allowance of all the sports

hostel students and providing the services of qualified coaches and Sports Kit.

PRIZE MONEY AND GRANTS RECEIVED

Source	Amount
UGC Grants	25,00,000
Grants from Kerala Govt.	5,00,000
Prize Mony for Best College/ Tournaments	5,30,000

DETAILS OF SPORTS HOSTEL STUDENTS

Discipline	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2012-14
Athletics	15	17	20	21	22	20	26
Volleyball	10	12	13	16	14	12	14
Basketball	7	7	11	12	12	7	6
Handball							10
Total	**32**	**36**	**44**	**49**	**48**	**39**	**56**

TOTAL NUMBER OF TROPHIES AND MEDALS SECURED BY OUR STUDENTS FROM 2007-2013

Total No. Of **International** Medals = **7**
Total No. Of **National** Medals = **129**
Total No. Of **Inter University** Medals = **169**
Total No. Of **State** level Medals = **569**
Total No. Of **Intercollegiate Medals** = **809**
Total No. Of **Trophies** = **211**

Competitions	Athletics	Volleyball	Basketball	Handball	Cross – country	Yoga	Cycling	Softball	Baseball	Netball	Cricket	Tennis
Intercollegiate	179	72	72	76	36	19	49	90	96	48	64	8
State	279	122	24	117	27	-	-	-	-	-	-	-
Nationals	51	47	10	6	-	-	-	15	-	-	-	-
Interuniversity	34	54	19	39	11	-	-	-	-	-	-	-
International	5	1	-	1	-	-	-	-	-	-	-	-

TOTAL NUMBER OF TROPHIES SECURED

Year	Winners	Runners up	Total
2007-08	23	11	34
2008-09	23	6	29
2009-10	24	10	34
2010-11	28	10	38
2011-12	31	8	39
2012-13	29	8	37

DETAILS OF FREESHIPS GIVEN TO THE STUDENTS FROM 2007-2008 TO 2012-2013

Free ships	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Total
Free accommodation in the Hostels	79	77	85	82	85	76	484
Free Mess in the Hostel	47	41	41	33	39	38	239
College fee	79	77	85	82	85	76	484

DETAILS OF UNIVESRSITY SCHOLARSHIPS AND MERIT AWARDS

Year	Ut scholarship		merit award- I	merit award II	merit award III
	Rs.4000	Rs.1500	**Rs. 5000**	**Rs. 3000**	**Rs. 2000**
2006-07	18	8	7	17	1
2007-08	11	14	-	12	6
2008-09	10	22	1	5	1
2009-10	13	11	3	8	11
2010-11	10	17	5	2	3
2011-12	21	19	4	6	-
2012-13			1	4	8

SPORTS MERIT AWARD GIVEN BY GOVT. OF KERALA FOR THE YEAR 2007-08 TO 2011-12

Name	Amount	Name	Amount
Vijila. A	201500	Lixy Joseph	45000
Dhanya M.V.	62500	Nixy Joseph	38000
Naseema P.K.	62500	Leneesha K.L.	34250
Seena. C	34250	Shajina P.P.	34250
Sibina C.M.	34250	Raseenamol P.V.	31250
Sabitha. K	31250	Greeshma K.M.	22500
Renuka. P	22000	Renju P.R.	15000
Prajisha M.K.	12000	Terin Antony	12000
Sumitha K.K.	12000	Ponni George	10500
Ambily Antony	7500	Noja. K	7500
Kavithamani	7500	Chinchu Cherian	7500

Jisha PV	7500	Shanti Aliyas	7500
Sreevidhya PV	7500	Roselin Varghese	7500
Shereena Joseph	7500	Tintu Dominic	7500
Neethu V. Thomas	7500	Neethu Mathew	7500
Rintu T. Sebastian	7000	Nixy Joseph	7000
Lixy Joseph	7000	Rini Eapen	3000
Leena cherian	3500		

EXPENDITURE OF THE DEPARTMENT

Year	**2007-08**	**2008-09**	**2009-10**	**2010-11**	**2011-12**
Sports hostel students accommodation	212000	200200	283800	15000	224000
Mess fee	1407600	1687200	1915200	1960800	2244000
Conduct of tournaments	98000	125000	135687	182000	154000
Participation of tournament	188754	238857	287300	268700	300100
Training expenses	138596	156759	203000	184000	182626
Sports equipments	827000	535000	157000	105200	302500
Incentives and awards	168000	102500	200780	57000	54000
Medical expenses	23000	62000	23428	12000	14000
Current and water charge	165600	156000	204000	196800	204000

SOURCE OF MONEY FOR THE ACTIVITIES OF THE DEPARTMENT 2007-2012

Source of income	**Amount**
Donation from the management	Rs.893535/-
Sports hostel	Rs.4677811/-
Athletic fee	Rs.334444/-
Grand from state Govt.	Rs.500000/-
Prize money	Rs.530000/-
PTA	RS.462000/-
Sponsorships	Rs.1241000/-
Free mess by the hostel	Rs.792000/-
Grants received from UGC	Rs. 2500000/-

FACILITIES FOR SPORTS AND GAMES

- Tennis court **,** Indoor Basketball Court Volleyball court, Netball court, Netball court Handball court, and 400 Track
- Health and fitness centre,Yoga Centre
- Weight training facility for the Athletes and Players,Minor Games Facility
- All the Athletic equipments

- A computer with internet, Digital and a Movie Camer DVD Player – 2 Nos, TV with Cable connection , We have collection of books, CD's

TRAINING PROGRAMMES AND ACTIVITIES

- Every day 6. 30 to 8.30 am in the morning and 4.00 to 6.30pm in the evening
- Practice matches with neibouring and professional teams
- Open Course on physical, Health and Life skill Education in CBCSS Programme
- Conducted UGC Sponsored Add On Course on Healthcare,Yoga and BeautyCare during 2007- 08 and 2008- 09.
- Participating in intercollegiate, Interdistrict all Kerala and interstate competitions
- College hosting two All Kerala tournaments in Basketball and Volleyball every year and organized All India Tournament in 2010-11.
- Hosting M G University and Kerala state tournaments
- Conducting university and state coaching camps
- Conducting college sports and, intramural and marchpast competitions

FACULTY AS MEMBERS IN NATIONAL COMMITTEES, RESOURCE PERSONS, EXPERT COMMITTEE

Prof. Ninamma Thomas

- Member - Core Commitee of BPEd Course 2007-09
- Southzone Convenor - 2007-08
- Elected Staff representative of managing board – 2007-09
- Convenor –Basketball(2008,2010-2012)Volleyball(2007, 2009, 2011)
- Vice president – KSAAA. DBA
- President District Cycling Association
- Selection Commitee member of M G University in various sports and Games
- Member of the various boards in the college

Smt. Suja Mary George

- Care Taker of NCC
- Convenor – Intercollegiate Handball – (2007,2009, 2011) Netball (2007, 2009, 2013)
- Teasurer –Staff Association
- Selection Commitee member (Netball, Handball)
- Orientation Programme (1)
- Examiner of PSC in Forest ranger Officer

Sri P. P Paul - Athletic coach

- Official – Commonwealth Games 2010
  SAF Games 2011
  Asian Track and Field
- Refresher Course 2012

V. Anilkumar

- FIVB level I International Coaches course 2007
- FIVB Tecnical Seminar 2008
- FIVA Level II International coaches course2009
- FIVB Technical course- Setters 2010
- FIVB Technical Seminar 2011

PLACEMENT RECORD OF ATHLETES AND PLAYERS FROM 2007 TO 2012

Athletics

1	2007	Reena Mathew	-	Govt. of Service
2	2007	Vijila. A	-	Govt. of Service
3	2007	Shahanas Suliaman	-	Govt. of Service
4	2007	Sreedevi V.S.	-	Govt. of Service
5	2007	Roshana Roshan Jose	-	Western Railway
6	2008	Chitra K. Soman	-	O.N.G.C
7	2008	Susan K. Joy	-	Central Railway
8	2009	Aparana. S	-	Western Railway
9	2009	Liksy Joseph	-	Central Railway
10	2009	Niksy Joseph	-	Central Railway
11	2009	Sreelekha E.M.	-	Govt. Service
12	2009	Vidhya V. Nair	-	C.R.P.F.
13	2009	Leena Cherian	-	South Central Railway (SC)
14	2009	Tintu N.D	-	Police Dept. (P)
15	2009	Renju P.R.	-	Govt. Department
16	2009	Priya C	-	Govt. Department
17	2009	Jomy Jose	-	Govt. Department
18	2013	Resna N. M	-	Income Tax
19	2013	Neethumole Bose	-	Central Railway.

Basketball

20	2007	Nimmy Thomas	-	KSEB
21	2008	Lizy Mathew	-	KSEB
22	2007	Renjusha Mathew	-	Central Railway
23	2007	Anu K.S.	-	Central Railway
24	2007	Leena Mariam Baby	-	Govt. Department
25	2010	Jincy Joseph	-	South Central Railway (SC)
26	2010	Anusha Anto	-	South Central Railway (SC)
27	2011	Stephy Nixon	-	KSEB
28	2010	Nicy Francis	-	Govt. Department
29	2010	Anju Mohanan	-	Govt. Department
30	2012	Athira M	-	Kerala Police

31	2012	Tilna C Kommattom	-	Kerala Police
32	2013	Sona M Saji	-	Central Railway

Volleyball

33	2007	Twinkle Rose Mathew	-	Govt. Department
34	2009	Greeshma C.H.	-	South Eastern Railway
35	2008	Chinchu Cherian	-	Eastern Railway
36	2009	Jisha P.V.	-	K.S.E.B.
37	2010	Dona George	-	K.S.E.B.
38	2010	Shanty Elias	-	Southern Railway
39	2010	Dhanya M.V.	-	Govt. Department
40	2010	Nazeema P.K.	-	Govt. Department
41	2012	Anumol Philip	-	Kerala Police
42	2012	Neethumol T.M.	-	Kerala Police
43.	2012	Aswathi E	-	KSEB
44.	2012	Smisha K. S	-	Central Railway

Handball

45	2007	Seena. C	-	Govt. Department
46	2007	Leneesha K.L.	-	Govt. Department
47	2007	Sandhya T.P.	-	South Central Railway
48	2007	Seena Sebastian	-	South Central Railway
49	2007	Sruthi. M	-	South Central Railway
50	2007	Shajina P.P.	-	Govt. Department
51	2007	Sabitha	-	Govt. Department
52	2007	Sibina. C	-	Govt. Department

PLAN OF ACTION FOR THE NEXT YEARS

- Construct an Indoor Volleyball Court
- Produce more international athletes and players.
- Organize state championships in various games.
- Undertake a minor research projects.
- BPE – Three year course

ARCHBISHOP POWATHIL ASSUMPTION COMMUNITY COLLEGE (APACC)

Archbishop Powathil Assumption Community College (APACC) was established in 2005 with the novel idea to cater to the women of Changanacherry who have been marginalized by the mainstream educational system. APACC aims to provide them with opportunities in the form of employment oriented programmes to equip them to become self reliant and economically independent. Being the first Community College attached to a regular Arts and Science College in Kerala, APACC envisioned women entrepreneurship, collaboration between academia and industries and back up and support for incubation of ideas. In view of its valuable contributions to the community, APACC won the appreciation of the NAAC Peer Team in 2007 as "the Jewel in the Crown of Assumption".

APACC – VISION & MISSION

Vision

To sensitise the Assumption fraternity to its immediate community thereby making its existence more meaningful for the creation of a self-sufficient, self-reliant and sustainable community.

Mission

- To extend the benefits of education to the less privileged women of the locality
- To align education with employment.
- To provide job oriented courses responding to local needs in consultation with the industry
- To enhance the employability of the educated unemployed women
- To impart life skills and communication skills along with work skills
- To document data for all women-related issues in the changanacherry community
- To plan and implement programmes leading to the welfare of women, especially the marginalized women of the locality.

Objectives

- Conducts community based social research
- Offers job oriented courses to the women of all age groups, all economic classes and castes
- Offers free training to unemployed women of economically backward families
- Provide value-addition programmes for the students of Assumption College
- Co-ordinates the community oriented extension activities of various departments of Assumption College

- Provides information about various welfare schemes of government and NGOs.

Special Features

- First Community College in Kerala affiliated to a regular Arts and science College.
- Focus on women empowerment through training in entrepreneurial skills
- Franchisee of KELTRON
- Serves as an academic - community interface
- Industrial link

NEW VENTURES

Launching of Federation of Indian Women Entrepreneurs (FIWE)- South Chapter and inauguration of Assumption Business incubation Centre is a milestone in the achievements of APACC. Shri Kodikunnil Suresh, Minister of State for Labour and Employment officially launched the South chapter of FIWE on 12th April 2013 at Assumption College. On the same day Mr. Babu Abraham, senior Executive Director, Nitta Gelatin India, Ltd. Cochin inaugurated Assumption Business Incubation Centre for Women and entrusted **Mattoli**, its women organization to the incubator. This centre opens a doorway to develop technical and entrepreneurial skills as well as assist young women entrepreneurs by providing them a platform to work hand in hand with national and international women organizations. It also aims at developing a professional marketing network.

Assumption Fashion Boutique: In order to promote entrepreneurship among students and equip them with industry based knowledge and experience, APACC started a demonstration Boutique. This will support the students to enhance their self employment initiatives or industry placement act as a platform for exhibiting their new trendy garment patterns.

Historical Notes

- 2005: APACC is formally inaugurated and is registered under Indian Centre for Research and Development of Community Education (ICRDCE) and The Rural Community College Alliance, Kentuky, U.S. Sr. Geo Maria F.C.C appointed Director of APACC
- 2008 : APACC is registered as Akshaya Centre collaborating with the IT Mission, Govt. of Kerala
- 2009 : MoU with KELTRON (An enterprise of Govt. of Kerala) and started training centre for Medical Transcription Course (Franchise of Keltron)

- 2009: Through Akshaya, APACC is registered as an IGNOU Community college
- 2010 : Dr. Sr. Mercy Nedumpuram appointed Director of APACC
- 2011: Launching of Assumption Day Care Centre
- 2012 : Dr. Sr. Amala S H appointed Director of APACC
- 2013: MoU with Federation of Indian Women Entrepreneurs (FIWE), New Delhi
- 2013: Launching of Federation of Indian Women Entrepreneurs (FIWE)- South Chapter
- 2013: Inauguration of the Assumption Business Incubation Centre
- 2013: Inauguration of Assumption Fashion Boutique
- 2013: AWAKE Society- is registered under the Charitable Scientific, Literary Society registration act 1955 on 14th June 2013 with the name, Assumption Women Association of Knac Entrepreneurial (AWAKE) Charitable society.

HONOURS

Sr. Geo Maria, Director won an award on 15 th November 2008 for " Excellence in Community education" (Vocational Service Award 2008) instituted by Rotary International, Changanacherry

Deepika Daily honoured Sr. Geo Maria (Director) for her valuable contributions for the progress of the district.

COURSES

University/Institution	Courses Offered
M.G. University(2005-2012) Off Campus	BCA, BBA, BCOM with CA, BCOM with Travel & tourism
IGNOU	MCA, BBA,BCOM
Centre for Continuing Education (Govt. of Kerala)	Diploma in Office administration and Secretarial Practice Diploma in Fashion Designing P G Diploma in Journalism Diploma in Travel & Tourism
Akshaya Centre	Professional Diploma in Medical Transcription (KELTRON) Communication Skill Development Programme Malayalam Computing (C-DIT) Intel Learn Programme (School Students) Diploma in Tourism Studies (DTS) Certificate in Teaching of English as a Second Language (CTE) Computer Literacy Programme (CLP)

NABARD	Stitching Computer Studies (Computer fundamentals, Ms- office (Word, Excel, PowerPoint & Internet) Beauty Care Handbag Making and Fabric Painting
APACC	Certificate Course in Embroidery Works Certificate Course in Jewellery Making Certificate Course in Cutting & Stitching Certificate Course in Art and Crafts and Floral Decorations
Vacation Courses by APACC	Short Term Computer Courses,Spoken English English Grammar, Key Board, Art and Craft Courses (Flower Making, Toy Making, Jewellery Making)
Coaching for Entry into Services by APACC	PSC Test, Bank Test, KER and KSR Tests
Enrichment Programme by APACC for students of Assumption College	Jewellery Making, Flower Making, Computer Fundamentals and Hand Embroidery

Community Services through Akshaya

- Online Application, Comprehensive Health Insurance Scheme (APL/BPL)
- E-Payment (Electricity /Telephone Bill), Birth and Death Registration data entry
- Ration Card Online Registration, E-Grants application for backward students
- Malayalam computing

Infrastructure

- Apparel Center – 15 machines,
- Computer lab – 42 computers
- Audio Visual Room- LCD Projector, Television
- Class rooms -10
- Library-270 books, Xerox, DTP center
- Akshaya Centre
- Day Care Centre (Funding Agency: U G C, No of Kids :14, Staff: 3)

- FIWE South Chapter Office
- Assumption Fashion Boutique
- Boutique Workshop
- Beauty Care Unit

ACTIVITIES (2007-2013)

- Social Projects on Waste Management and Unemployment are taken up as a social responsibility by students.
- Farm Fest 2009- An Agricultural Promotional Event was conducted in collaboration with CHASS and Changanacherry Municipality
- Organized a Mind Power Training Programme in Association with Malayala Manorama and The Week-Dr. P.P. Vijayan, an international trainer was the resource person
- Training in Mushroom cultivation for public
- Exhibition cum sale of Fancy Jewellery and garments
- Assumption Flower Show in collaboration with Merchant Association
- Exhibition of Medicinal Plants
- Ethnix-2013 an Exhibition cum Sale of hand crafted products
- A class on Child Psychology was arranged for the staff of the Day Care Centre
- KIDS FEST for the children of Day Care Centre
- Cooking Classes
- Reception to Arogya Swaraj Yathra led by Dr. Jacob Vadakkencherry at the College and an awareness programme on "Prakruthijeevanam" (Nature friendly life style).
- A workshop on Organic Farming and Bio pesticides.
- Women's Day observed by conducting competition in poster presentation on relevant topics related to Women empowerment.
- DISA -An annual two-day residential educational training program for students of APACC (2008& 2009).
- Small Saving scheme (Samrudhi Plan) for students in association with Changanacherry Social Service society (CHASS)
- Cultivation and sale of organic vegetables, mushroom and its spawn, vermicompost
- Designing school/college uniforms
- Stitching and tailoring services

- Meetings of the local entrepreneurs
    - Participation of faculty members in different seminars/teaching programmes/meetings organized by various governmental and non-governmental organizations

Activities in Collaboration with Department of Botany and Centre for Environment and Development Project, Trivandrum

(a) Green and Clean environment 2010-11

(b) Forests for a Better life 2011-12

(c) A Step to Conserve Biodiversity 2012-13

Seminars Conducted

- National Seminar on "The Relevance of Community Colleges in the Kerala Scenario" jointly organised with ICRDCE, Chennai, 1st November 2008. The seminar was organised to provide a platform for academicians and policy makers to work together for the success of the Community Colleges in Kerala.
- One Day Seminar on H1N1 *(*Awareness Programme) on 18 August 2009 for SHGs of Changanacherry Municipality.
- One Day Seminar on Cancer Awareness in 2010. Renowned Oncologist Dr. V.P. Gangadaran was the resource person.
- One Day Seminar on 'Oral Hygiene': Resource Person: Dr Alex K Varghese HOD of Oral Pathology, Dental College , Pushpagiri, Thiruvalla
- One Day Seminar on women empowerment by Dr. Rajani Agarwal, President of FIWE, New Delhi on 9th February , 2013
- One Day Career Seminar was organized for 100 students in association with Malyala Manorama Daily.

Collaborative Networks and Linkages

Types	Organisations
Academic	Continuing Education, Govt. of Kerala, M.G. University Distance Education (2007-12), IGNOU, Tally Academy, AKSHAYA, KELTRON, Departments of Assumption College (Botany, Maths, Home Sc., BFT, MSW, Economics)
Social Welfare	Atmata Kendram, Kuttanadvikasana Samithi, CHASS, CANA Institute, Bharath Hospital, Kottayam, KSEB, Vanitha Commission, Pollution Control Board, Dhanalakshmi Bank, Federal Bank, HDFC Bank, PWD,

	Kerala Water Authority, Collabration with other depts. of Assumption College, Le Meridien, Cochin, Suninfosis, Ibiscubes-Inter Networking, Deepika, Mathrubhumi, Malayala Manorama
Community	Municipality, Panchayat,YWCA, Senior Citizen Forum, Chrysalis, Rotary Club, Lions Club, Lioness Club, Jaycees, Merchants' Association
Business	FIWE,TiE Kerala, Kerala Chamber of Commerce-Women's forum, NABARD

Best Practices

- Social Business Incubation Centre for Women
- Aligning education with employment through industrial collaboration
- Assumption Fashion Boutique
- Community oriented research
- Public services through Akshaya.
- E-literacy programme
- Training in Organic Farming for public
- Conservation of Biodiversity (Propagation of medicinal plants)

FACULTY MEMBERS OF APACC-2013

Dr.Sr. Amala	Director
Raniamma Antony	Programme Co-ordinator
Lally James	Centre Co-Ordinator
Ashna A A	P.R.O & Lecturer in Fashion Designing
Sareena Nizar	Trainer in Fashion Designing
Dolly Tomy	Trainer in Fashion Designing
Sr. Carolin	Lecturer
Smt. Snehamol Varghese	Lecturer
Smt. Lolitha N	Lecturer
Smt. Nijo John	Lecturer
Smt. Elma John	Lecturer
Smt.Jino S George	Lecturer

Conclusion

As we look at the vast majority of the young people who are unable to pursue higher education for various reasons and struggling due to unemployment, it is very necessary that the untapped energy of them may be channelized to the alternate innovative and creative skill based education for the benefit of individuals, families, community and nation. Everything has its own time and we are fortunate that, this is the opportune time for us to take off, as “entrepreneurship” and “incubation” has become the ‘Mantra’ of governments, universities and the educational agencies as well as NGOs to empower our talented youngsters to emerge as job creators rather than job seekers.