

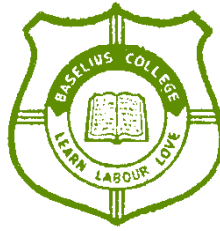
Baselius College

KOTTAYAM-686 001, KERALA.

Phone: 0481-2563918, 2565958

Email: principal@baselius.ac.in,
principalbaselius@gmail.com

Website: www.baselius.ac.in



Affiliated to Mahatma Gandhi University, Kottayam, Kerala

Re-Accreditation Report (3rd Cycle)

Submitted to

**NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL**

Bangalore – 560 072, India.

APRIL 2014

Baselius College
KOTTAYAM-686 001, KERALA.

(Reaccredited @ B++ by NAAC & Granted Full Accreditation by IAO)



Affiliated to Mahatma Gandhi University, Kottayam, Kerala

Phone: 0481 2563918, 2565958

Email: principal@baselius.ac.in, jkonattu@yahoo.com

Website: www.baselius.ac.in

Declaration

Certified that the data included in this Re-Accreditation Report (RAR) are true to the best of my knowledge and belief.

This RAR is prepared by the institution after internal discussions and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this RAR during the peer team visit.

Signature of the Head of the Institution
with Seal

Place: Kottayam

Date:

ACKNOWLEDGEMENTS

Now that our Reaccreditation Report is ready for submission and all at Baselius eagerly look forward to the third cycle NAAC visit, it is my duty to thank everybody on behalf of the NAAC Steering Committee for the warm and enthusiastic support they all extended.

I bow my head before the Almighty God who gave us the strength to organize everything and put the report together. Thanks are also due to UGC and NAAC authorities for their timely assistance and guidance. I thank our revered Educational Agency and the Management authorities who liberally extended moral and financial support for all our endeavours. The Principal was always by our side, boosting our morale with positive strokes and always paying minute attention to all details. The Vice-Principal, the Bursar, Department Heads, Members of the Faculty and Administrative Staff — they were all there, filling the gaps and reinforcing our humble efforts.

Dr. Daisy Joseph (former HOD, Chemistry) was the NAAC Steering Committee Co-ordinator when the work which would lead to the 3rd Cycle Reaccreditation began. When she retired, Dr. Susan Panicker (former HOD, Zoology) took over. She worked diligently for several long hours to build the foundation of this RAR. After I took over from her, I got ample assistance in data entry and word processing from Ms. Annu Merin Jose, Ms. Sophia Mathew and Ms. Swapna Philip. Our sincerest thanks to all.

NAAC Steering Committee Members, past and present, have most dutifully slogged away with me at the exacting tasks of data collection and presentation. Hats off to all of them. Nor are our students to be forgotten. They too toiled hard, ran errands, did everything they were asked to without demur, even when the college buildings were inaccessible to them because of rigorous election security measures.

Without you, dear all, this RAR would not have been what it is today and our NAAC reaccreditation visit preparations would have been a non-starter. God willed otherwise and you all rose to the occasion.

Pranaams to all of you with a bowed head and folded arms...

IQAC Office,
Baselius College,
02/05/2014

Manoj Narayanan K. S.
IQAC Co-Ordinator &
NAAC Steering Committee Convener
manojnarayanank@gmail.com

CONTENTS

	Page No.
DECLARATION	2
ACKNOWLEDGEMENTS	3
CONTENTS	4
VISION & MISSION STATEMENTS	5
Part-A: PREFACE	6 - 9
Part-B: EXECUTIVE SUMMARY INCLUSIVE OF THE SWOC ANALYSIS OF THE INSTITUTION	10 - 18
Part-C: PROFILE OF THE INSTITUTION	19 - 30
Part-D: EVALUATIVE REPORT: CRITERIA-WISE INPUTS	
Criterion I: Curricular Aspects	31 - 55
Criterion II: Teaching-Learning and Evaluation	56 - 84
Criterion III: Research, Consultancy and Extension	85 - 135
Criterion IV: Infrastructure and Learning Resources	136 - 148
Criterion V: Student Support and Progression	149 - 181
Criterion VI: Governance, Leadership and Management	182 - 196
Criterion VII: Innovations and Best Practices	197 - 204
Part-E: EVALUATIVE REPORT: DEPARTMENT - WISE INPUTS	205 - 305
Part-F: ANNEXURES	
Documents attached (Attested copies of the following)	
1. Document showing Minority Status	
2. Certificates of 2(f) & 12(b) of the UGC Act	
3. Accreditation Certificate & Peer Team reports of Cycles 1 & 2	
4. IAO Accreditation Certificate	

VISION

To be a premier temple of higher learning,
imparting quality holistic education to all seekers
irrespective of caste, creed and gender.

MISSION

To dispel the darkness of ignorance and elevate youngsters to the pedestal of wisdom by fostering spirituality, knowledge and skill, thereby empowering them to deal with real life situations and equipping them to build a fruitful future for themselves and the society at large.

PART - A
PREFACE

PART - A

PREFACE

Baselius College, Kottayam, Kerala was established in the year **1964** by a galaxy of eminent men to fulfill the long cherished dream of the Malankara Orthodox Christian Community to dedicate themselves to the service of God and man. This premier postgraduate institution that flourished from the precincts of the MD Seminary High School was founded to perpetuate the sacred memory of our heavenly Patron Saint **His Holiness Baselios Geevarghese II**, the late lamented Catholicos of the East, who steered the destiny of the Orthodox Church with grace and vision for more than three decades.

The first manager, the late lamented H.G.Mathews Mar Ivanios, Metropolitan of Kottayam and the first Principal, the late Dr. A.P.Mani, and the members of the Governing Board took personal interest in the development of the college. Only pre-degree courses were offered in the initial years. In the year 1966, this junior college was upgraded and degree courses were started. The college was brought under the Educational Agency of the Malankara Orthodox Church Colleges in 1979.

The college obtained sanction of affiliation from the University of Kerala in 1964. Later on, when Mahatma Gandhi University was formed in 1983 with Kottayam as its headquarters, the college was affiliated to the new University. The college was accredited by the NAAC at the three star level in 2000 and Re-Accredited with B⁺⁺ in 2007. The college was also admitted by International Accreditation Organisation (IAO)' USA to candidacy status in 2011 and granted full accreditation in December 2012. The college obtained "minority institution status" from the National Commission for Minority Educational Institutions in December 2011.

The institution has well qualified teachers for all the subjects. The dedication and hard work of both the teaching faculty and the administrative staff can be seen in the results and infrastructural developments, co-curricular and extracurricular events. During the last 49 years of its illustrious existence, the college could produce brilliant academicians, administrators, politicians and also sports prodigies who represented our nation in national and international tournaments. The institution is proud of the eminent alumni like the Hon'ble Home Minister, Kerala Sri.Thiruvanchoor Radhakrishnan, Sri. Mons Joseph M.L.A, Civil service personnels like Sri. Janu Devan, Sri P. H.Kurian, the famous cine artistes Sri. Vijaya Raghavan and Sri. Ajaya Kumar (Guinness Pakru) and famous sportsmen like Sri. A.M.Iqbal.

The College has 1,443 students pursuing **five postgraduate programmes** – Physics, Chemistry, English, Economics and Commerce **and eleven undergraduate** programmes – Physics, Chemistry, Mathematics, Botany, Zoology, Commerce, Malayalam, English, Economics and Politics.

B.Com. (Office Management and Secretarial Practice) is **the only self-financing programme** here which thrust the college in to the new phase of vocationalisation of education. The PG Department of English has a Research Centre in English leading to the award of Ph.D. There are seven faculty members from the college who are research guides in various disciplines under the Mahatma Gandhi University.

Under the able leadership of the current Principal Prof. Jacob Kurian Onattu, the institution has reached new heights. In recent years, the college has gained momentum in infrastructural development due to generous financial assistance from the University Grants Commission and the Management. The college has 2(f) and 12(b) status which makes it eligible for UGC assistance. Some of the most ambitious projects like Women's Hostel, Language Lab, Computer Lab with internet facility – UGC Network Resource Centre, Bioinformatics Lab, Career Guidance Centre and Renovated Ladies Toilet Block, etc. are our long cherished dreams realized through these funds. A well equipped Language Laboratory with the latest software helps in strengthening communication skills and personality development. The construction of two new floors for the Instrumentation Block and installation of digital surveillance cameras are, recent management funded projects for the institution.

The campus is made vibrant by several co-curricular and extracurricular activities. Over the years, our college has won many laurels and thus ensured an enviable place of honour and won special renown in the highest echelons of academic life in Kerala. Young Basilians have brought glory and honour to their Alma Mater in the academic and co-curricular fields. We hope that their invincible will, indomitable courage and unflinching devotion to duty will inspire the entire Baselian family and provide them with the much needed spur to aspire for greater honours. Baselius College has always been enriched by outstanding Principals and teachers who have won great honours/awards instituted by various organizations and institutions like AIACHE, Kerala Higher Education Trust etc.

The college provides generators and inverters to meet times of power failure. The college library has a very good number of books and journals covering most disciplines of study. The library is partially automated and provides internet and reprographic facilities. The departments also maintain a good collection of library books and journals purchased with

the assistance of faculty, management and alumni. ICT is promoted by each department. The faculty and students make optimum use of the Information and Communication Technology, and the tools include smart boards and multimedia projectors.

The college campus is declared 'Eco-friendly', use of non biodegradable materials are restricted on the campus. The college promotes rainwater harvesting. There is a huge Ferro Cement tank to harvest rainwater which is put to great use on the campus. There is annual Green Auditing, promoting energy conservation, water conservation and biodiversity conservation on the campus. There is also a wormi compost unit looked after by the Zoology department.

Our institution promotes social responsibilities and citizenship roles among students through community services, legal literacy programmes, public health awareness programmes, NSS, NCC, Red Ribbon Club, Blood Donors Club, MGOCSM etc. The institution constantly strives to impart quality knowledge that is socially relevant. The institution has adopted several best practices such as secular prayer, computerized attendance monitoring, zero tolerance to ragging, scholarship to poor students, student counselling, industrial visits and study tours, charitable activities like 'Santhwanam' for helping cancer patients, free noon meal programme and constructing houses for poor and needy students. The college has effective grievance redressal committees and disciplinary committees which examine and resolve the complaints thereby bringing in improvement of the institution, better stakeholder relationship and satisfaction. With constant efforts of IQAC and its regular monitoring and stock taking, support of all the stakeholders and students, the institution is changing and updating itself to meet the growing challenges in the field of higher education in the 21st century.

PART - B

EXECUTIVE SUMMARY INCLUSIVE OF

THE SWOC ANALYSIS OF THE

INSTITUTION

PART B

EXECUTIVE SUMMARY INCLUSIVE OF THE SWOC ANALYSIS OF THE INSTITUTION

In accordance with the stated vision and mission of the college, a holistic approach is envisaged through the wide spectrum of curricular, co-curricular and extra curricular activities programmed for our students. Here's a glance at the plentiful activities on and off the campus.

Ever since the inception of the institution, the Baselian community has, with renewed vigour and unflinching resolution, worked together for the betterment of the Institution. With the advent of the NAAC assessment process, our efforts have become more systematic.

1. Curricular Aspects

1.1 *Curriculum planning and implementation:* Restructured Choice Based Credit and Semester System with grading for UG and PG (CBCSS and PGCSS) was introduced by Mahatma Gandhi University in 2009 (UG) and 2012 (PG). Centralized Allotment Process (CAP) Admission procedure at UG and PG level has also been introduced. The University has made drastic changes in the syllabi and evaluation system. Examination process is computerized and procedures made online. Separate online examination link, each college with separate user name and password, answer booklets printed with barcode technology, five point scale grading in evaluation and seven point scaling (SGPA) in the final results, online upgrading of internal assessment grades, downloading of the hall tickets from the university website – all have brought about a paradigm shift in the teaching learning and evaluation process today.

Class room experience has become more interactive with greater opportunities for students to participate in debates, quiz, group dynamics, seminar presentations, orientation programmes, assignments, projects, case studies and corporate exposure. ICT technology and smart class rooms with audio visual aids have become indispensable components of learning experience.

The college had pre-eminent role in the curricular design and transaction with the faculty involvement as Board of Studies Chairpersons, members of Academic Council, Member of Syndicate, State level CBCSS Core Committee members and subject experts. The college venued and organized a handful of workshops and seminars in connection with restructuring of syllabus and effective implementation of teaching methods, which was

sponsored by the affiliating University and 90% of the faculty attended such workshops conducted in and outside the College.

1.2 *Academic Flexibility*: Notwithstanding the limitations of an affiliated institution as regards academic flexibility, CBCSS offers a range of subject options to the students. Each department has selected suitable electives in the sixth semester. A series of **open courses** are offered by each department in the fifth semester to familiarize students with other disciplines. This is part of interdisciplinary and enrichment courses. The college has opted 11 open courses and 11 electives for various UG programmes and five elective streams for various PG programmes. Two **add-on courses** – Communication Skills (Dept. of English) & Travel and Tourism (Dept. of Commerce) – are also interdisciplinary and open to all.

1.3 *Curriculum Enrichment*: Curriculum enrichment was made effective by constant interactions with various research bodies, industrial firms, study tours and field visits, on the job training programmes, exhibitions and add-on courses. The institution organized a good number of subject related academic and non academic workshops, seminars and invited lectures for enhancing the students' and teachers' knowledge and updating their awareness of the current trends.

1.4 *Feedback System*: Due weightage is given to students' feedback and appropriate measures are taken to address their suggestions and grievances. The college has adopted a scheme for the evaluation of teaching, curriculum and other academic matters by the students through feedback mechanisms. Twice a year, PTA meetings are conducted to review the curriculum and the performance of the students. The interactions of parents in these meetings are a great source of feedback.

2 Teaching Learning and Evaluation

2.1 *Student Enrolment and Profile*: The University has implemented Centralised Allotment Process (CAP) for UG and PG admissions. The institution ensures equity and wide access as reflected in the student profile having adequate representation of SC, ST, OBC, OEC and minority communities from different socio-economic, cultural and educational backgrounds.

2.2 *Catering to Student Diversity*: Baselius College has a total strength of 1443 students for the current academic year (2011-12), out of which 587 are males and 856 are females. 78% of students belong to general category, and 22% to SC, ST and OBC. Though the college is situated in an urban area, 81% of the students hail from rural areas. 73% of them belong to families with monthly income of less than Rs. 24,000. Only 10% of them are from families with monthly income above 1 lakh.

2.3 *Teaching Learning Process*: The IQAC prepares the Academic Calendar as per the university schedule. The teachers employ interactive and participatory approach incorporating seminars, assignments and test papers creating a feeling of responsibility in learning and making learning a process of co-operative assimilation of knowledge. The teaching plan schedule of each department and that of individual teachers help to streamline the learning process.

2.4 *Teacher Quality*: The Management, as a policy, promotes quality improvement of its faculty. Hence there has been a quantum leap in the overall performance of the faculty to face the growing challenges of the higher education scenario. While 22 teachers have secured Ph.D., 10 have M.Phil., seven have gone for FIP, 15 are undertaking research projects, seven are Research Guides and several others have undergone in-service training during the last five years. The Management also conducts annual conferences and academic seminars to enhance academic excellence. During the last five years, three teachers have undergone Orientation and 11 have undergone Refresher Courses at various centres of Academic Staff College.

2.5 *Evaluation Process and Reforms*: The evaluation mechanism is very transparent and designed for enhancing the competence of students. The conduct of two internal examinations by the college in each semester is mandatory in addition to the external examination conducted by the university. The examination schedule, both internal and external help to streamline the evaluation process of students. The Campus Digest gives all details regarding the evaluation method. The Grievance Redressal Cell is instituted by the college as per the university norms. There are four levels of Grievance Redressal mechanism regarding the internal assessment of students – at the level of the concerned teacher, the HOD, the Principal and finally, the University.

2.6 *Student Performance and Learning Output*: There is an effective academic audit every semester. Corrective measures are recommended on the basis of result analysis, annual visit and audit of Management Peer Team and PTA review meetings.

3 Research Consultancy and Extension

3.1 *Promotion of Research*: Much significance is attached to the research activities of both students and faculty. The introduction of project work and its PowerPoint presentation by the students for external evaluation both at UG and PG level have sharpened the research activities of the students; and the college provides all the required facilities. The deep interest evinced in research can be noted by the fact that 3 major research projects and 11 minor research projects were undertaken by the faculty. 5 National seminars and 31 State level seminars were organized and conducted by the different departments of the college.

-
- 3.2 *Resource Mobilization for Research*: The College has a research centre attached to the Department of English with three registered guides. Nine researchers here have been awarded Ph.D. Besides this, collaborative research is encouraged with 4 Approved Research Guides from various departments having 19 scholars for Ph.D. registered in other centres of research under the affiliating university; three were awarded Ph.D. in Microbiology, three in Sanskrit and two in Malayalam during the last five years.
- 3.3 *Research Facilities*: All Science departments have well equipped research labs for undertaking research activities. The Institution collaborates with TIES, RARS, Rubber Board and School of Environmental Sciences for sharing research facilities.
- 3.4 *Research Publications and Awards*: Exploration and reflection are crucial for any teacher to be effective in his job. Quality research outcome from this institution are two patents (Dr. Nibu A. George (Physics) - International patent on LED lighting WO2010/128419A1 dated 11/10/2010, Prof. Varkey Mathew (Chemistry) - Indian patent 244800 dated 21/12/2010 on Making Polymer Material of Cellulose Nanofiber from waste pf plantain), four international publications, 89 national publications, 43 paper presentations and eight books with ISSN number. The '**Baselius Researcher**' ISSN 0975-8658 is an interdisciplinary Research Journal published by the college biannually. The College also publishes Baselian Campus Magazine and department level magazines and manuscript magazines. Research awards received by the faculty include Young Scientist Award 2012 (Dr. Nibu A. George).
- 3.5 *Consultancy Services*: Dept. of English, Hindi, Commerce, Statistics, Botany and Zoology offer consultancy services, the modest income generated is utilized for laboratory and other expenses in connection with the services. The IAS coaching classes, Bank test coaching classes, UGC NET Exam coaching classes, statistical analysis of the research data, DRC testing of rubber latex and bacteriological quality assessment of drinking water samples are some of the consultancy services managed by the faculty of various departments.
- 3.6 *Extension Activities and Institutional Social Responsibilities*: Extension activities which emphasise community services are also integral components of education and personality development. The curriculum-extension interface has an educational value, especially in rural India. Apart from outreach programmes such as 'santhwanam' for cancer patients, construction of houses by alumni for poor students, the NSS and NCC, Youth Red Cross, Blood Donor's Club and Red Ribbon Club are doing yeomen services to the community. 'Fast a Noon and Feast Your Friend', a charity initiative launched 10 years ago is worth special mention as many poor students are given free non meals from the proceeds.

3.7 *Collaborations*: The Memorandum of Understanding (MoU) between the Tropical Institute of Ecological Sciences (TIES), Kottayam, Kerala and Baselius College, Kottayam was signed on December 2012 for a period of one year for collaborative academic and research programmes of TIES with our College. Energy audit and conservation programmes for the college, water audit and conservation programmes, paper recycling project – paper bag manufacturing, selling (EarnWhile You Learn), Healthy Food campaign, Walking and Cycling promotion, My College, My Nature Project (Biodiversity survey, conservation) etc. were conducted by the TIES in collaboration with the selected faculty and students of the departments of the college.

4 Infrastructure and Learning Resources

4.1 *Physical Facilities*: Adequate infrastructural facilities such as Instrumentation Block, Ladies Hostel, Auditorium, Class rooms, Laboratories, Language Lab, General library, two Seminar Halls, UGC Network Resource Centre, IQAC room, Career and Counselling Centre, Co-operative bank, Co-operative society, Main Office Block, Basketball Court, Women's Hall, Staff rooms, Toilet facilities, Canteen, Solar energy and biodegradation facilities etc. are available. All students are provided with free access to internet. Most departments have computers, laptops, photocopiers and projectors. The college provides generators and inverters to meet times of power failure. CCTV digital monitoring system covering the entire campus and public announcement system have great relevance in the maintenance of campus discipline.

4.2 *Library as a Learning Resource*: The general library consists of Books – 37,105, Journals – 27, Periodicals – 26, Newspapers – 8. The library is fully automated with LAN and with INFLIBNET facility. The department level libraries (12) have a total of more than 10,000 books and many journals / periodicals.

4.3 *IT Infrastructure*: The ICT facilities and other learning resources are adequately available for academic and administrative purposes. The college has common and department level computer centres with 125 computers and has access to technology and information retrieval on current and relevant issues. The free internet facility is accessible to all faculty and students.

4.4 *Maintenance of the Campus Facilities*: The institution has sufficient resources allocated for regular upkeep of the infrastructure. There are enough staff members to monitor, maintain and promote the optimum use of the campus facilities.

5 Student Support and Progression

5.1 *Student Mentoring and Support:* The institution has Career Guidance Forum, Counselling Forum, Grievance Redressal Forum etc. to support students. Value added programmes such as MGOCSM and tutorial sessions are regularly maintained in the college. Many faculty members act as counsellors apart from professionals from outside who are periodically brought in.

5.2 *Student Progression:* The percentage of students progressing to higher education or employment from this College are UG to PG 58.17%, PG to M.Phil 11%, PG to Ph.D. 5%, campus selection 4%, other than campus recruitment 7.4%.

5.3 *Student Participation and Activities:* The Institution continues to follow the rich tradition of the various clubs like Nature Club, Tourism Club, Photography Club, Quiz Club, Debating Club, Choreography Club, Histrionics Club, Red Ribbon Club, Blood Donor's Club, Green Auditing, Charity, NSS, NCC and MGOCSM. All departments have Subject Associations which organise many curricular, co-curricular and extra curricular activities. 25 students were winners and secured A grade in university youth festivals, 100 were winners of sports, games and athletics and 50 in other co-curricular and extra curricular activities.

The college is proud of its illustrious alumni, who come together every year on October 2 to share with college community the glorious achievements of the present even as they nostalgically recall and share poignant moments of the past. The UAE scholarship to the meritorious students is a venture of the alumni. The departmental chapters of the alumni as well as the College Alumni Association jointly co-operate in the overall development of college. The Alumni have built a house for a poor student. They also sponsor the fee of some economically backward students.

6 Governance, Leadership and Management

6.1 *Institutional Vision and Leadership:* The institution is committed to produce competent citizens and thereby empower them to intervene effectively in the problems faced by the society. The institution itself was set up as a response to the need for education to uplift the youngsters of post independent India. Utmost care is taken to upgrade the policies to enable the students to meet the challenges of the developing society.

6.2 *Strategy Development and Deployment:* The Principal, in co-ordination with the Management, College Council and IQAC makes all efforts to translate quality in the academic and administrative units. As the head of the institution, the Principal is primarily responsible for the smooth conduct of the academic sessions as well as the efficient functioning of the college office. The Principal is also entrusted with the monitoring of

infrastructure development, budget allocation and finance management. The Principal is the Chairman/President of all academic, co-curricular and extracurricular organizations of the college.

6.3 *Faculty Empowerment Strategies*: The management convenes annual conferences for the faculty and provides leadership training sessions to kindle the leadership qualities inherent in the teachers. The management team visits the college every year to monitor the progress. The principal takes feedback from the staff and students to evaluate the strategies. Delegation of academic and administrative responsibilities to HODs, conveners and secretaries among the faculty is effectively done to enhance leadership quality at various levels.

6.4 *Financial Management and Resource Mobilization*: Routine accounts of the college are managed by the Bursar; the management account presented by the Bursar is endorsed by the Principal. The college accounts are subjected to external auditing by the accounting authority from the audit department. There were no major audit objections so far. Plan Proposals: During the last 5 years, the Xth and XIth plan funds were utilized for proposals initiated by the college. A sum of Rs 2.5 crores has been received and utilized for various requirements observing the stipulations placed by the UGC for the same. The operating budget and audit of accounts: There is budget allotment of Rs. 2,75,16,915 from the management which was spent mainly for the construction, maintenance of infrastructure and other facilities. The operating budget also includes special fees, other funds and contributions received by the management. The departmental and college accounts are audited annually. The management funds is also subjected to annual internal audit.

6.5 *Internal Quality Assurance System (IQAS)*: The Institution has an IQAC and adopts a participatory approach in managing its provisions. The Green Audit of the campus and its facilities is a recent task conducted by the IQAC. The IQAC met 10 times last year to prepare AQAR, and to monitor, assess and evaluate the academic and administrative functioning of the college. The UGC building committee and fund utilization committee met eleven times during XIth plan period. The college council meets regularly at the behest of the Principal to discuss urgent matters and policies. The staff meetings are convened thereafter to discuss the decisions and then to translate these into action. This shows the decentralization of power in a hierarchical system (Manager → Principal → HODs → Faculty members) that is wholly democratic.

7 Innovations and Best Practices

7.1 *Environment Consciousness*: The college campus is maintained as 'eco-friendly', hence the use of non-biodegradable materials are restricted on the campus. The college promotes

environment friendly practices and takes necessary actions such as Green Auditing which includes energy conservation, rain water harvesting and waste recycling. The rain water harvesting programme is effectively accomplished by setting up a huge ferro cement tank on the campus.

7.2 *Innovations*: The Institution is geared to promote an ambience for creativity, innovation and quality improvement.

7.3 *Best Practices*: The College can boast of quite a number of best practices. Every calendar year is heralded with the Patron's day celebrations when the Baselian community rededicate themselves to strengthen the institution, pay homage to and seek the blessings of the Patron Saint. Merit Day and Prathiba Sangamam are conducted to honour the meritorious students when awards, scholarships and endowments are given away. The Baselius Trophy Tournaments, South Indian Intercollegiate volleyball, football and basket ball tournaments are mega events looked forward to with much enthusiasm by both the public and college community. The best practice of the college which have contributed to the achievement of the institutional objectives is community oriented charity programmes such as adoption of a village, Fast a Noon and Feast Your Friend and 'Santhwanam' – the aid for cancer patients etc. The best practice which contributed greatly to the quality improvement of the core activities of the college is the research aptitude enhancement programme for postgraduate and undergraduate students. Memorial Lectures/Quiz Competitions in honour of the departed Faculty is yet another good practice that links the old and the new generations. Days which are of historical / national / cultural importance such as Hiroshima Day, Independence Day, Thiru Onam, Christmas etc. are befittingly observed in the college. The commencement of each working day with a secular prayer song is also one of the best practices worth mentioning.

PART - C

PROFILE OF THE INSTITUTION –

BASELIUS COLLEGE, KOTTAYAM

PART C

PROFILE OF THE INSTITUTION – BASELIUS COLLEGE, KOTTAYAM

1. Name and Address of the College:

Name: **Baselius College**
 Address: **Baselius College, K. K. Road, Kottayam**
 City: **Kottayam** Pin: **686 001** State: **Kerala**
 Website: www.baselius.ac.in

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Prof. Jacob Kurian Onattu	O: 0481-2565958 R: 0481-2463030	9447306490	0481-2565958	principal@baselius.ac.in principalbaselius@gmail.com jkonattu@yahoo.com
Vice Principal	Dr. Annie Mathews	O: 0481-2302260 R: 0481-2578842	9447473730	0481-2565958	ocvengal@sify.com
Steering Committee Co- ordinator	Prof. Manoj Narayanan K.S.	O: 0481-2565958 R: 0481-2581754	9447110212	0481-2565958	manojnarayananks@gmail.com

3. Status of the Institution:

Affiliated College
 Constituent College
 Any other (specify)

√

4. Type of Institution:
- a. *By Gender*
- i. For Men
- ii. For Women
- iii. Co-education

√

b. *By shift*

- i. Regular
- ii. Day
- iii. Evening

√

5. Is it a recognized minority institution?

Yes

√

No

If yes, specify the minority status (Religious / linguistic / any other) and provide documentary evidence (Encl No. 1- Mintority Status Certificate).

Religious

6. Source of funding:

Government

Grant-in-aid

Self-financing

Any other

√

7. a. Date of establishment of the college: 01/07/1964 (dd/mm/yyyy)

- b. University to which the college is affiliated / or which governs the college (If it is a constituent college)

MAHATMA GANDHI UNIVERSITY, KERALA
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- c. Details of UGC recognition:

Under section	Date, Month & Year (dd-mm-yyyy)	Remarks (if any)
i. 2 (f)	30-06-1996	Order (letter) dated 16-03-2005
ii. 12 (B)	30-06-1996	Order (letter) dated 16-03-2005

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

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

Under Section / clause	Recognition / Approval details Institution/ Department/ Programme	Day, Month and Year (dd-mm-yyy)	Validity	Remarks
i.	NIL			
ii.	NIL			
iii.	NIL			
iv.	NIL			

(Enclose the recognition / approval letter) **NA**

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

Yes No

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

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 agency?

Yes No

If yes, name of the agency **INTERNATIONAL ACCREDITATION ORGANISATION (IAO)** - Granted full Accreditation on 6th December 2012. (Encl No. 4)

Date of recognition: 06/12/2012 (dd/mm/yyyy)

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

Location *	URBAN
Campus area in sq. mts.	64,000/-
Built up area in sq. mts.	56,000/-

(* 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
 - * Gymnasium
- Hostel
 - * Boys Hostel
 - i. Number of hostels
 - ii. Number of inmates
 - iii. Facilities (mention available facilities)
 - * Girls' Hostel
 - i. Number of hostels **1**
 - ii. Number of inmates **75**
 - iii. Facilities (mention available facilities)
Computer and internet, TV, Library, Telephone, Study hall, Living rooms, Toilets ,Common room, Prayer hall, Kitchen, Mess hall, Play ground and Courtyard.
- * Working women's hostel
 - i. Number of inmates
 - ii. Facilities (mention available facilities)
- Residential facilities for teaching and non – teaching staff (give numbers available -- cadre wise)

Ladies Hostel (1) for Teaching and Non-Teaching staff

- Cafeteria -- **1**
- Health centre --**NIL**
First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....: **NIL**
- Health centre staff –

Qualified doctor	Full time	<input type="text"/>	Part – time	<input type="text"/>
Qualified nurse	Full time	<input type="text"/>	Part – time	<input type="text"/>
- Facilities like banking , post office, book shops, post box available
- Transport facilities to cater to the needs of students and staff
- Animal house
- Biological waste disposal

- Generator or other facility for management/regulation of electricity and voltage ✓
- Solid waste management facility ✓
- Waste water management-watering plants of the campus using some waste water generated. ✓
- Water harvesting ✓

12. Details of programmes offered by the college (Give data for current academic year 2013-14)

Sl. No	Programme Level	Name of the programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned /approved Student strength	No. of students admitted after marginal increase
1.	Under-graduate		6 Semesters	Plus Two (12 th)	English		
		Physics	”	”	”	32	32
		Chemistry	”	”	”	47	47
		Botany	”	”	”	44	44
		Zoology	”	”	”	47	47
		Mathematics	”	”	”	55	55
		Economics	”	”	”	50	50
		Politics	”	”	”	41	41
		Malayalam	”	”	”	30	30
		English	”	”	”	60	60
		Commerce Model I	”	”	”	60	60
		Commerce Model III	”	”	”		
2.	Post-graduate		4 Semesters	Degree	English		
		Physics	”	”	”	15	15
		Chemistry	”	”	”	20	20
		English	”	”	”	23	23
		Economics	”	”	”	18	18
		Commerce	”	”	”	19	19

3.	Integrate Programmes PG	NIL		NIL			
4.	Ph.D	Dept. of English	5 years	P.G	English		
5.	M. Phil	NIL					
6.	Ph. D.						
7.	Certificate courses						
8.	UG Diploma						
9.	PG Diploma						
10.	Any other (specify and provide details)	Add on course(UGC Sponsored) Dept. of English-Communication Skills in English Dept. of Commerce-Travel and Tourism	NIL	NIL	Commerce English	30 30	28 26

13. Does the college offer self – financed programmes?

Yes No

If yes, how many?

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	<input type="text"/>
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(BBA to be launched in 2014 June)

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	Physics Chemistry Botany Zoology Mathematics	Physics Chemistry	
Arts	English Malayalam Economics Politics	English Economics	English
Commerce	B.Com –(finance & taxation) B.Com (OM & SP) self financing B.B.A (from Academic year 2014 – 15)	Commerce	
Any Other not covered above	1.Travel & Tourism 2.Communication skills in English		

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

- a. annual system
- b. semester system
- c. trimester system

17. Number of Programmes with

- a. Choice Based Credit System
- b. Inter / Multidisciplinary Approach
- c. Any other (specify and provide details)

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 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 <i>Recruited</i>	NIL NIL	NIL NIL	10	19	9	18	26	5	NIL NIL	NIL NIL
<i>Yet to recruit</i>	NIL	NIL	NIL	NIL	21	NIL	1	NIL	NIL	NIL
Sanctioned by the Management/society or other authorized bodes <i>Recruited</i>	NIL	NIL	NIL	NIL	21	NIL	NIL	NIL	NIL	NIL
<i>Yet to recruit</i>										

*M – Male * F – Female

21. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<i>Permanent teachers (56)</i>							
D.Sc. / D.Litt	-	-	-	-	-	-	0
Ph.D	-	-	5	12	2	3	22
M.Phil	-	-	1	6	1	2	10
PG	-	-	10	19	9	18	24
<i>Temporary teachers (21)</i>							
	Male			Female			
Ph.D	1			1			2
M.Phil	0			1			1
PG	5			13			18
<i>Part – time teachers NIL</i>							

22. Number of Visiting Faculty engaged with the College

NIL

23. Furnish the number of the students admitted to the Institute during the last four academic years. (*M-Male, F-Female)

Categories	Year 1 (2008-09)		Year 2 (2009-10)		Year 3 (2010-11)		Year 4 (2011-12)		Year 5 (2012-13)	
	M	F	M	F	M	F	M	F	M	F
SC	71	98	79	105	90	106	64	129	86	118
ST	2	7	3	11	2	15	4	13	10	13
OBC	51	156	74	149	98	101	38	97	20	66
General	52	200	53	199	93	200	102	200	57	79
Others	25	103	17	100	6	79	11	79	20	96

24. Details on students enrolled in the college during the current academic year: 2013-14

Type of students	UG	PG	M. Phil	Ph.D.	Total
Students from the same state where the college is located	444	93	NIL	NIL	537
Students from other states of India	4	NIL	NIL	NIL	4
NRI students	NIL	NIL	NIL	NIL	
Foreign students	NIL	NIL	NIL	NIL	
Total	448	93			541

25. Dropout rate in UG and PG (average for the last two batches) (Enrolled in first year, minus those appeared for final exams in the final year from among them = Dropout. (e.g. enrolled in 2007), 100. Minus those who appeared for final exams in 2010, 85 = dropout 15))

UG

5%

PG

10%

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. 30676.546

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? **NA**

Yes

No

- b. Name of the University whose courses are offered

NA

- c. Number of programmes offered

NA

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

Yes

No

28. Provide Teacher–student ratio for each of the programme/course offered:

Chemistry	30:1
Physics	18:1
Zoology	36:1
Botany	22:1
Politics	40:1
Malayalam	18:1
Mathematics	34:1
Commerce Model I	24:1
Commerce –Model III	30:1
English	85:1
Economics	26:1

29. Is the college applying for
 Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4
 Re-Assessment:
(Cycle 1 refers to first accreditation and Cycle 2, Cycles 3 and Cycle 4 refers to re-accreditation)
30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)
 Cycle1: 01/04/2000 (dd/mm/yyyy) Accreditation Outcome/Result **THREE STAR**
 Cycle2: 10/02/2007 (dd/mm/yyyy) Accreditation Outcome/Result **B+++**
 Cycle3: (dd/mm/yyyy) Accreditation Outcome/Result.....
 *Kindly enclose copy of accreditation certificate(s) as an annexure (Encl. No. 3 – NAAC Accreditation Certificate both cycles)
31. Number of working days during the last academic year
32. Number of teaching days during the last academic year
(Teaching days means days on which lectures were engaged excluding the examination days)
33. Date of establishment of Internal Quality Assurance Cell (IQAC)
 IQAC 01/06/2000 (dd/mm/yyyy)
34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC
 2007-08 AQAR (i) 16/08/2012 (dd/mm/yyyy)
 2008-09 AQAR (ii) 17/08/2012 (dd/mm/yyyy)
 2009-10 AQAR (iii) 18/08/2012 (dd/mm/yyyy)
 2010-11 AQAR (iv) 19/08/2012 (dd/mm/yyyy)
 2011-12 AQAR (v) 20/08/2012 (dd/mm/yyyy)
35. Any other relevant data (not covered above) the college would like to include.
(Do not include explanatory / descriptive information)

**College was granted full Accreditation status by
 International Accreditation Organization (IAO) on 6th Dec 2012**

(Documents attached (Attested copies of the following))

1. Document showing Minority Status
2. Certificates of 2f & 12B UGC act
3. Accreditation certificate & Peer team reports of Cycle 1 & 2
4. IAO certificate

PART - D

**EVALUATIVE REPORT: CRITERIA-
WISE INPUTS**

CRITERION I: CURRICULAR ASPECTS

PART D**EVALUATIVE REPORT: CRITERIA-WISE INPUTS****CRITERION I: CURRICULAR ASPECTS****1.1 Curriculum Planning and Implementation****1.1.1 (a) State the vision, mission and objectives of the institution.**

Vision: To be a premier temple of higher learning, imparting quality holistic education to all seekers irrespective of caste, creed and gender.

Mission: To dispel the darkness of ignorance and elevate youngsters to the pedestal of wisdom by fostering spirituality, knowledge and skill, thereby empowering them to deal with real life situations and equipping them to build a fruitful future for themselves and the society at large.

Objectives: The College stands for academic excellence, development of skill and character formation so as to produce intellectually mature, morally upright, socially committed and spiritually inspired men and women. In pursuance of this mission, the college has set the following objectives:

- ❖ To develop the potentialities of young men and women and help all those engaged in the pursuit of Truth and Knowledge, keeping in view the intellectual, physical and spiritual values.
- ❖ To inculcate the sense of discipline, social responsibility and community service in the youth and also to bring home the dignity of manual labour.
- ❖ To provide society with the right kind of leadership and men and women trained in various spheres who are competent to tackle the problems in life and make them worthy citizens of our community and the country in general.
- ❖ To instill in the students a sense of national pride and appreciation of Indian traditions and cultures.
- ❖ To sensitise students to critique current socio-economic, political and cultural issues and to denounce all forms of oppression relating to class, caste and gender.
- ❖ To sensitise students to environmental issues, thus motivating them to promote ecological justice and sustainable development.

- ❖ To establish a link between the institution and policy-makers through collaborative research leading to social development.
- ❖ To recognize the advantages of using modern tools and technological innovations for teaching and governance and their visible impact and motivating role in empowering the student community.
- ❖ As specified in the mission, quality education is imparted with the help of qualified and dedicated teachers. Students are exposed to latest developments and techniques in the field of study through seminars and symposia. There is also a constant effort to groom the students into law abiding, disciplined, socially responsible citizens and human beings. The college begins its activity by the secular Morning Prayer. The various clubs cater to the diverse talents and aptitude of the students.

(b) Describe how these are communicated to the students, teachers and staff.

- * The vision, mission and objectives of the institution are brought to the notice of all through college prospectus, college calendar and college website. The home page of the college website has a separate link projecting the vision, mission and objectives.
- * **To teachers:** In the beginning of every academic year the college faculty members are given orientation to refresh their ideas on vision, mission and quality policy of the college and re-dedicate themselves for committed services. Newly appointed teachers are given orientation about the vision, mission and the quality standard of the college.
- * **To parents and students:** The parents are given prior information about the orientation programme to be attended by them on the 1st day of their ward attending the college. Vision, mission and quality policies are briefly explained along with the functional aspects of the college, aiming at the healthy development of the students.
- * **To non-teaching staff / Administrative staff:** They are given necessary understanding about the vision, mission and quality policies by the Administration Officer (Office Senior Suptd.) and the Principal.
- * **Other Stakeholders:** The printed booklet – Prospectus and ‘Campus Digest’ containing vision, mission and the quality policies are distributed to the students in the beginning of each academic year.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The activities of the college in academic, co-curricular and social fields are in tune with aims and objectives of the founding fathers of this institution. The

curriculum offered by the university is effectively passed on to the students by the academic staff members of the institution. Proper environment has been provided for the wholesome development of the students. The students are taken care of by their respective class and subject teachers who monitor and assist them regularly so that students can face their personal and academic problems confidently.

Table 1.1.2 (1)

Postgraduate Programmes & Specialization	Job oriented Add-on Courses (UGC Sponsored)
1. MA English (Language & Literature) 2. M.Com. (Finance) 3. MA Economics (Management Economics) 4. M.Sc. Chemistry (Pure Chemistry) 5. M.Sc. Physics (Electronics)	1. Communicative English (Dept. of English) 2. Travel & Tourism (Dept. of Commerce)
Research Programme – Ph.D. in English (Centre for Research – Dept. of English)	
Degree Programmes (Undergraduate Choice Based Credit and Semester System - CBCSS)	
Common Courses I: English (Compulsory for all programmes/ students) Common Courses II: Additional Language - Malayalam, Hindi, Syriac, Sanskrit (Students may choose any one)	

Degree Programmes (Undergraduate Choice Based Credit and Semester System - CBCSS)	
Core	Complementaries
1. BA English Language & Literature	1. History of British Colonialism & Historical Roots of the Modern World
2. BA Malayalam Language & Literature	2. Kerala Culture & Sanskrit
3. BA Economics	3. Political Science & Historical Roots of the Modern World
4. BA Political Science	4. General Economics & Historical Roots of the Modern World
5. B.Sc. Mathematics	5. Statistics & Physics
6. B.Sc. Physics	6. Electronics & Mathematics
7. B.Sc. Chemistry	7. Mathematics & Physics
8. B.Sc. Botany	8. Chemistry & Zoology
9. B.Sc. Zoology	9. Chemistry & Botany
10. B.Com (Model I)	10. Elective: Finance and Taxation
11. B.Com (Model III) OM&SP* (Self-Financing)	11. *Office Management & Secretarial Practice

Separate offices and in-charge personnel (allotted from the staff) are allocated for the all round development of the institution. There are 11 departments handling the humanities, science and commerce courses (ref Table 1.1.2(1)). Each individual department follows the curriculum designed by the curricular designing committee (Board of studies) of the University. Language laboratory, technological centre and necessary teaching and learning aids are there in each of the departments a effective tools for curriculum delivery.

Each department strives hard to improve the capabilities of their students. As part of the X and XI plan of UGC assistance, the departments have been provided with required advanced teaching and learning aids to enhance the curriculum delivery process. Department subject associations and various college club activities like debating club, quiz club etc. supplement and strengthen the curriculum. The courses offered by the college equip the students with the skill and knowledge necessary for their employability and social responsibility.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The conventional annual mode for the UG courses was followed till 2009. In 2009, Mahatma Gandhi University introduced the Choice Based Credit and Semester System (CBCSS) with direct grading in UG level and the first batch passed out in March 2012. Credit and Semester System (CSS) for PG courses was implemented from 2012 admission onwards. Teachers are constantly encouraged and motivated by the University and management in effectively translating the curriculum framed by the University. The university level workshops for all subjects were conducted under the leadership of Board of Studies. All the teachers were given opportunities to participate in the various workshops. Baselius College venue many of such workshops conducted by the University, Kerala Higher Education Council and Board of Studies. The university provided adequate training for teachers selected as the general co-ordinators and department level coordinators of the programme. The college level workshops and frequent meetings of Board of Studies were helpful in contributing to curriculum updates to the faculty. In addition to this, the HODs, department level coordinators and all teachers were given adequate directions and training by frequent meetings conducted by the Principal and the General Coordinator. Special sessions on the 5 point scale grading system were also conducted by the university and college to make teachers familiar with the new assessment pattern.

There was a surge of fresh appointments in the institution from 2010 onwards. These freshers have attended refresher courses and orientation programmes offered by the Academic Staff College, AIACHE and the management of the institution. As part of improving teaching techniques/practices, early appointees have attended refresher courses at the nearest university centres. In addition to this, for the past many years, the management has been regularly conducting academic conferences for the academic staff of all colleges under the Corporate Management.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the curriculum provided by the affiliating University or other Statutory agency.

For effective curriculum delivery and transaction, the institution conducts regular and continuous assessments by way of assignments, seminars, test papers and viva voce. Based on the assessments, weak students are identified by the departments and the teachers take necessary initiatives to improve the grades of the weak students. 20% of total marks at UG level and 25% of the total marks at PG level are set apart as internal evaluation scores. The guardians of the students are called for a review meeting, in every semester after internal examinations.

The various departments of the institution conduct national seminars and workshops in collaboration with research bodies of industries and the university. The PG students of chemistry have done their dissertation work at research institutions like CUSAT. In addition to this, the institution has seven research guides in various disciplines – English, Zoology, Physics, Chemistry and Sanskrit - who promote the research activities both inside and outside the institution. Field visit and industrial visits are conducted regularly by the science departments. The Dept. of English functions as a research centre. In addition to this, Research Guidance Committee of the college periodically conducts classes on research methodology for research scholars and PG students. Each department conducts invited lectures and memorial speeches bringing in efficient resource persons both from this university and outside.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

The institution has signed a MoU with Tropical Institute of Ecological Sciences, Kottayam for research, green and energy auditing. Eventhough format MoUs were not signed with the college, many institutions like Institute of Cost Accountants of India,

RARS, Rubber Board etc. interact with the college in curricular aspects and research. Institute of Cost Accountants of India has their chapter in the college for the conduct of course in ICAI. B.Com. model III students undergo on the job training at various CA offices of Kottayam. Commerce post graduates have collected data for their project work from industries like MRF. The science departments maintain constant interactions with various research bodies, industrial firms, etc. through their participation in various programmes, field visits etc. Most of the Depts. have alumni in research bodies such as RRI (Rubber Research Institute, Kottayam), CPCRI, etc. The Botany dept. conducted an add-on course on Natural Rubber Production and Plantation Management from 2006-2009, for which they got technical assistance from RRI, Kottayam. The retired scientists from RRI were the members of the teaching faculty of this course.

The science batch students were taken regularly for lab visits in various recognized research institutions in order to develop research aptitude in them. The Botany students were taken to Molecular Biology lab in Vector Control Research Centre, Field station at Kottayam under ICMR, and also to M.S. Swaminathan Research Foundation (MSSRF) at Kalpetta, Wyanad and also to visit District Agricultural farm at Kozha. The Zoology students were taken for museum and lab visits at Central Marine Fisheries Research Institute (CMFRI), Kochi and Rameswaram; National Institute of Oceanography (NIO) at Goa, Pearl culture and Mussel culture farms and research station at Mandapam, Rameswaram and Tuticorin; Regional Agricultural Research Station (RARS) at Kumarakom and Aquaculture Centre at Govt. College, Nattakam.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

The Board of Studies / university curricular core committee formulates the curriculum for the course of study. They regularly conduct workshops and seminars to draw in the suggestions and opinions of the teachers. In addition to this, members of the Academic Council, Board of Studies and Core Committee from this college serve in the formation of the curriculum design.

The college, being an affiliated institution, has to strictly follow the curricular design and pedagogical pattern of the University. The semester pattern has been in vogue for

the PG Courses. The UG courses followed the annual, conventional mode of learning till 2008. 2009 brought in the Choice Based Credit and Semester System (CBCSS) system and grading for UG programmes. PG programmes shifted to Credit and Semester System (CSS) w.e.f. 2012. Though the CBCSS curriculum was formulated by the University Core Committee and State Higher Education Council, many staff members of the institution played vital roles in drafting and implementing the new curriculum. Following is the list of teachers who were involved in the new curriculum development. (*Table 1.1.6 (2)*)

Name, Department & Position held
1. Prof. K. Mathew, Dept. of Physics (2006-2010) Member of Syndicate, MG University CBCSS State level core committee member MG University CBCSS Curriculum Regulation Committee convener MG University Affiliation Committee convener
2. Prof. Jacob Kurian Onattu, Principal (2008-2012) Academic Council Member, Mahatma Gandhi University Member of University Cell for Redressal of Student Grievances
3. Prof. M.V. Varkey, Dept. of Politics (2009 - 2012) 4. Prof. K.R. Geethakumari, Dept. of Mathematics (2009 - 2012) Academic Council Members (Mahatma Gandhi University)
5. Dr. Susan Panicker, Dept. of Zoology (2009 - 2012) 6. Prof. N.V. Leela, Dept. of Syriac (2009 - 2012) Chairperson, CBCSS UG Board of Studies (Mahatma Gandhi University)
7. Prof. N.V. Leela, Dept. of Syriac (2005-08) 8. Dr. Biju Thomas, Dept. of Physical Education (2009 – 2012) 9. Dr. V.A. Philip, Dept. of Malayalam (2005-08) 10. Dr. P.V. Viswanathan Nampoothiri, Dept. of Sanskrit (2005-2008) 11. Dr. Suma Bino Thomas, Dept. of Chemistry (2011 onwards) (Kerala University) Members, Board of Studies (UG, Mahatma Gandhi University)
12. Dr. P.M. James, Dept. of Commerce (2011 onwards) Members, Board of Studies (PG, Mahatma Gandhi University)

Permanent teachers from all departments have attended CBCSS UG restructuring workshops and review meetings organized by the University. Many teachers from the

Postgraduate departments of the college participated in the PG curriculum restructuring workshops conducted during 2011 and 2012. The Zoology department conducted (UGC Sponsored) curriculum related workshop on ‘Modern Biological Techniques and Bioinformatics with special reference to restructured UG syllabus’ on 11, 12 & 13 August 2011. The departments of Zoology and Malayalam conducted curriculum review workshops sponsored by Mahatma Gandhi University during the month of September and December 2011. The faculty members also play a vital role in the assessment process of University as Examination Board chairpersons / chief / additional examiners and question paper setters.

- 1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If ‘yes’, give details on the process (‘Needs Assessment’, design, development and planning) and the courses for which the curriculum has been developed.**

No. The institution has no academic flexibility.

- 1.1.8 How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?**

By continually assessing the students’ performance based on their activities both inside and outside the classrooms, the institution is able to ensure that the objectives of the curriculum are achieved. The university curriculum has been designed to meet the present day global scenario. New courses or core papers have been introduced as part of the changing trend. For example, courses in Bio-informatics, Molecular Biology and Bio-technology are available for Botany and Zoology students. The wholesome development is being moulded by providing the suitable venue or environment. The norms of the university are constantly ensured. Many of our students have received placement in prestigious organizations. The college provides career-oriented seminars and classes on placement opportunities for the UG and PG students.

1.2 Academic Flexibility

- 1.2.1 Specifying the goals and objectives, give details of the certificate/diploma/skill development courses etc., offered by the institution.**

Other than the regular UG and PG courses, the institution conducts two UGC sponsored career oriented add on courses, one in ‘Communication Skills’ and the other in ‘Travel and Tourism’. These courses are conducted under the auspices of the Department of English and Department of Commerce respectively. These courses are mainly provided

for the UG students. The main aim is to equip students to meet the demands of the world market. On the successful completion of the course (1yr/2yrs/3yrs), they will be presented with certificates. The add-on-course on ‘communication skills’ aims at improving the language skills in English. A language laboratory has been functioning as part of the add-on programme. The Travel and Tourism course provides students with general awareness of the tourism programmes within the state and country as a whole.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree?

No. The UG and PG curriculum are designed by the Mahatma Gandhi University, Kerala and followed by the college. Since the college is an affiliated one, its liberty to change curriculum is curtailed.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

- **Range of Core /Elective options offered by the University and those opted by the college, Choice Based Credit and Semester System and range of subject options, Courses offered in modular form, Credit transfer and accumulation facility, Lateral and vertical mobility within and across programmes and courses, Enrichment courses**

The annual conventional mode was followed till 2008-2009 academic year. With the introduction of the CBCSS in undergraduate level from 2009 admission onwards, a range of subject options were provided for the students (*Table 1.2.3(3)*). Each department selected suitable electives in their sixth semester from the range of options offered. The new curriculum has been constructed with the sole aim of improving the potential for employability. Current and socially relevant topics are included as part of the course for study. The CBCSS system has introduced the following programmes of study as part of the degree programmes. The courses are in the modular form [Credit system]. A series of courses are offered by each department in the fifth semester to familiarise students of other departments with their basic principles/concepts. This is part of the enrichment courses. They are referred to as ‘open courses’. In other words, they are ‘open’ to students outside the department. The list of open courses offered by this institution is also given in the Table 4. Inter university transfer is not permitted but intra university transfer is permitted from Semester I to IV.

Restructured revised Credited Semester System was introduced for Post Graduate programmes from 2012 admission onwards.

Table 1.2.3 (3) – Restructured CBCSS syllabi 2009 Admission onwards for UG Programmes.

Department of ChemistryCore Course Elective Offered by the University

1. Nanochemistry and Technology 2. Industrial Chemistry
 3. **Polymer Chemistry (Course opted by the dept.)** 4. Environmental Chemistry
 5. Soil and Agricultural Chemistry 6. Computer Applications in Chemistry

Core Courses (Theory & Practicals)	Complementary Courses
1. Methodology of Chemistry as a Discipline of Science	1. Basic Theoretical and Analytical Chemistry
2. Theoretical And Inorganic Chemistry	2. Basic Organic Chemistry
3. Fundamentals of Organic Chemistry	3. Advanced Inorganic and Organic Chemistry
4. Basic Organic Chemistry – I	4. Advanced Bioorganic Chemistry
5. Chemistry of d and f block elements	<u>Open Courses Offered by the University</u>
6. Basic Organic Chemistry – II	1. Dairy Science
7. States of Matter	2. Food Science
8. Quantum Mechanics and Spectroscopy	3. Forensic Science
9. Applied Inorganic Chemistry	4. Environmental Chemistry
10. Chemistry of Natural Products and Biomolecules	5. Chemistry in Everyday Life (Course opted by the dept.)
11. Equilibrium and Kinetics	6. Nano Science and Nano Technology
12. Solution Chemistry	
13. Gravimetric Analysis	
14. Elective – Polymer Chemistry	

Department of Zoology

Core Courses (Theory & Practicals)	Complementary Courses
1. General Methodology and Perspectives In Science	1. Animal Diversity – Non Chordata
2. Biodiversity and Modern Systematics	2. Animal Diversity – Chordata
3. Animal Diversity – Non Chordata	3. Human Physiology and Immunology
4. Animal Diversity – Chordata	4. Applied Zoology
5. Cell Biology and Molecular Biology	<u>Open Courses Offered by the University</u>
6. Environmental Biology, Toxicology and Disaster Management	1. Man, Nature and Sustainable Development
7. Evolution, Zoogeography and Ethology	2. Human Genetics, Nutrition, Community health and Sanitation (Course opted by the dept.)
8. Biochemistry, Human Physiology and Endocrinology	3. Management of Ornamental fish breeding, Rabbit farming, Poultry, Quail farming, Vermiculture, Beekeeping and Sericulture
9. Reproductive and Developmental Biology	4. Food Microbiology
10. Genetics and Biotechnology	5. Ecotourism
11. Microbiology and Immunology	
12. General informatics, Bioinformatics and Biostatistics	
13. Investigatory Project and Viva-voce	

Core Course Elective Offered by the University

1. Ecotourism 2. Nutrition, Community health and Sanitation

3. Applied Entomology, Management of Ornamental fish breeding, Vermiculture and Beekeeping (Course opted by the dept.)

Department of Physics

Core Courses (Theory & Practicals)	Complementary Courses
1. Methodology in Physics/Practicals	1. Physics for Mathematics Properties of Matter, Mechanics and Fourier Analysis.
2. Mechanics and Properties of Matter/Practicals	2. Electric and Magnetic Phenomena, Thermodynamic and Special Theory of Relativity.
3. Electronics/Practicals	3. Quantum Mechanics, Spectroscopy Nuclear Physics, Basic Electronics and Digital Electronics.
4. Electricity and Electrodynamics/ Practicals	4. Physical Optics, Laser Physics and Astrophysics– Practicals.
5. Classical and Quantum Mechanics/Practicals	5. Physics for Chemistry Properties of Matter, Mechanics and Particle Physics.
6. Physical Optics and Photonics/Practicals	6. Electric and Magnetic Phenomena Thermodynamics and Elementary Solidstate Physics.
7. Thermal and Statistical Physics/Practicals	7. Quantum Mechanics, Spectroscopy, Nuclear Physics and Electronics – Practical
8. Digital Electronics/ Practicals	8. Physical Optics, Laser Physics and Super Conductivity-Practicals
9. Project	9. For Physics (Electronics) Basic Electronics-Practicals
10. Computational Physics/Practicals	10. Amplifiers, Oscillators and Power Electronics
11. Nuclear and Particle Physics/Practicals	11. Operational Amplifiers, Integrated Circuits and Communication Electronics
12. Condensed Matter Physics/Practicals	12. Digital Electronics – Practical
13. Relativity and Spectroscopy/ Practical	

Core Course Elective Offered by the University	Open Courses Offered by the University
1. Nano Science and Nano Technology	1. Energy and Environmental Studies (Course opted by the dept.)
2. Optoelectronics	2. Amateur Astronomy
3. Renewable Energy Technology	
4. Information Technology (Course opted by the dept.)	

Department of Mathematics

Core Course Elective Offered by the University

1. **Operations Research (Course opted by the dept.)** 2. Programming in C
 3. Topology 4. Theory of Computations

Core Courses (Theory & Practicals)	Complementary Courses
1. Foundation of Mathematics 2. Analytic Geometry, Trigonometry and Matrices 3. Calculus 4. Vector Calculus, Theory of Equations and Numerical Methods 5. Mathematical Analysis 6. Differential Equations 7. Abstract Algebra 8. Fuzzy Mathematics 9. Real Analysis 10. Complex Analysis 11. Discrete Mathematics 12. Linear Algebra and Metric Spaces 13. Operations Research	1. Differential Calculus & Trigonometry 2. Integral Calculus & Matrices 3. Vector Calculus, Differential Equations and Analytical Geometry 4. Fourier Series, Differential Equations, Numerical Analysis and Abstract Algebra <u>Open Courses Offered by the University</u> 1. Mathematical Modeling 2. Applicable Mathematics (Course opted by the dept.) 3. Financial mathematics 4. Mathematical Economics

Department of Botany

Core Courses (Theory & Practicals)	Complementary Courses
1. Methodology and Perspective of Science & An Introduction to Plant diversity 2. General Informatics & Methodologies in Plant Science 3. Microbiology and Phycology 4. Anatomy and Reproductive Botany of Angiosperms 5. Mycology, Lichenology and Plant Pathology 6. Bryology, Pteridology, Gymnosperms & Palaeobotany 7. Angiosperm Morphology, Systematic Botany & Economic Botany 8. Cell Molecular Biology and Evolution 9. Plant Physiology and Biochemistry 10. Environmental Science and Ecotourism 11. Genetics, Plant Breeding and Horticulture Biotechnology and Bioinformatics <u>Core Course Elective Offered by the University</u> 1. Agribusiness 2. Phytochemistry and Pharmacognosy 3. Plant Genetic Resources Management (Course opted by the dept.)	1. Cryptogams, Gymnosperms & Plant Pathology 2. Plant Physiology 3. Angiosperm Taxonomy & Economic Botany 4. Anatomy and Applied Botany <u>Open Courses Offered by the University</u> 1. Horticulture and Nursery Management (Course opted by the dept.) 2. Agribased Microenterprises 3. Ecotourism 4. Biotechnology 5. Bioinformatics

Department of English

Core Courses (Theory & Practicals)	Complementary Courses
<ol style="list-style-type: none"> 1. Methodology of Humanities and Literature 2. Introduction to the Study of Language and Literature 3. Literature and Informatics 4. Reading Prose 5. Reading Poetry 6. Reading Fiction 7. Reading Drama 8. Language and Linguistics 9. Literary Criticism; Theory and Practice 10. Postcolonial Literature 11. Women's Literature 12. Indian Writing 13. Comparative Literature 14. American Literature 	<ol style="list-style-type: none"> 1. Evolution of Literary Movements Part I 2. Evolution of Literary Movements Part II <p><u>Open Courses Offered by the University</u></p> <ol style="list-style-type: none"> 1. Film Studies (Semester 5) (Course opted by the dept.) 2. Media Studies (Semester 5) 3. English for Careers (Semester 5)

Core Course Elective Offered by the University

1. Creative Writing in English (Semester 6)
2. **Regional Literatures in Translation (Semester 6) (Course opted by the dept.)**

Department of Economics

Core Courses (Theory & Practicals)	
<ol style="list-style-type: none"> 1. Methodology of Social Science with Special reference to Economics 2. Development and Environmental Economics 3. Principles of Micro Economics 4. Modern Banking 5. Micro Economic Analysis 6. Public Economics 7. Quantitative Techniques for Economic Analysis 8. Principles of Macro Economics 	<ol style="list-style-type: none"> 9. Indian Economy 10. Economics of Financial Markets 11. Quantitative Economics 12. Macro Economic Analysis 13. Development Issues of the Indian Economy with Special Reference to Kerala 14. Marketing management (Choice - based) 15. International Economics 16. Project

Complementary Courses

1. Historical Roots of Modern World
2. Political Science

Open Courses Offered by the University

1. Foundations of Environmental Economics
2. Fundamentals of Economics
3. Agricultural Economics
4. Demography
5. **Business Economics (Course opted by the dept.)**

Core Course Elective Offered by the University

1. Human Resource Management
2. Econometric Methods
3. **Marketing Management (Course opted by the dept.)**
4. Computer Applications in Economics
5. Entrepreneurship and Small Business Economics
6. Travel and Tourism Management

Department of Malayalam

Core Course Elective Offered by the University	Open Courses Offered by the University
<ol style="list-style-type: none"> 1. Malayalathila Sthree Rachanakal (Course opted by the dept.) 2. Electronic Maadyamangalum Bhashayum 3. Magazine Journalism 	<ol style="list-style-type: none"> 1. Maadyama Padanam 2. Pathrapravarthanam – Adisthana thathwangal (Basic principles of Journalism) (Course opted by the dept.)

Core Courses (Theory & Practicals)	Complementary Courses
<ol style="list-style-type: none"> 1. Kanitha Samkramam 2. Cherussery muthal Kavithrayam varae 3. Sammoha Parinamavum Samskaravum 4. Adhunika Poorvakeralam, Adhunika Keralam 5. Samanya Bhasha Saathram 6. Bharatheeya Sahithya Sidhanthangal 7. Bharatheeythara Sahithya Sidhanthangal 8. Keraleeya Rangakala 9. Kathasahithyam, Gadhyasahithyam, Niroopanam 10. Pracheena Malayalam Padyavum Gadyavum 11. Vyakaranam, Bhashacharitram 	<ol style="list-style-type: none"> 1. Foklor Padanam 2. Nadakavum Sinimayum 3. Keralathinte vynganika parambaryavum vynganika sahithyavum 4. Samskruthm – I 5. Prose Poetry & Grammer 6. Oru sahithyakaran/Sahithyakari 7. Lalithambika Antharganam 8. Samskruthum – II Kavya, Vrutha, Alankara & Theories of Poetics.

Department of Political Science

Core Course Elective Offered by the University

1. Gandhian Ideas and Applicable Techniques
2. **India's Foreign Policy (Course opted by the dept.)**
3. Introduction to Public Policy Analysis
4. Human Resource Development and Management
5. Introduction to Election Analysis and Psephology
6. Decentralization and Participatory Democracy
7. Informatics

Core Courses (Theory & Practicals)	Complementary Courses
<ol style="list-style-type: none"> 1. Methodology and Perspective of Social Sciences 2. Introduction to Indian Political System 3. Issues in Indian Political System 4. Political Theory 5. Political Thought 6. Introduction to Comparative Politics 7. Comparative Political Systems 8. Research Methods in Political Science 9. Introduction to Public Administration 10. Elements of International Politics 11. Human Rights 12. Society and Politics in Kerala 13. Issues in International Politics 14. Theories and Principles of Public Administration 15. India's Foreign Policy (Core - Choice Based Courses) 	<ol style="list-style-type: none"> 1. An Introduction to Political Science 2. Governmental Machinery and Processes <p><u>Open Courses Offered by the University</u></p> <ol style="list-style-type: none"> 1. New Social Movements in India 2. Contemporary Social and Political Issues 3. Environmental Politics and Policy 4. Introduction to Intellectual Property Rights 5. Introduction to Defence and Strategic Studies (Course opted by the dept.) 6. Women and Politics 7. Human Rights in India

Department of Commerce

Core Courses (Theory & Practicals)	
<ol style="list-style-type: none"> 1. Business Statistics 2. Modern Banking 3. Business Regulatory Frame Work 4. Perspectives & Methodology of Business Studies (Common core 1) 5. Quantitative Techniques for Business Research 6. Principles of Insurance 7. Corporate Regulation & Governance 8. Business Communication & Management Information System (Common core 2) 9. Marketing Management 10. Financial Accounting 	<ol style="list-style-type: none"> 11. E-commerce & General Informatics (Common core 3) 12. Business Management 13. Capital market 14. Corporate Accounting 15. Entrepreneurship Development & Project Management (Common core 4) 16. Financial Services 17. Cost Accounting 18. Special Accounting 19. Applied Cost Accounting 20. Practical Auditing 21. Accounting for Managerial Decisions
Complementary Courses	
<ul style="list-style-type: none"> • Advertising & Sales Promotion 	<ol style="list-style-type: none"> 2. Principles of Business Decisions

Open Courses Offered by the University

1. **Fundamentals of Accounting** (*Course opted by the dept.*)
2. Business Ethics 3. Insurance & Risk Management
4. Capital Market & Investment Management 5. Financial Investment

Core Course Elective Offered by the University

1. **Finance & Taxation** (*Course opted by the dept.*)
 - a.) **Financial Management**
 - b.) **Value Added tax – Concepts & Practice**
 - c.) **Income tax Law & Practice**
 - d.) **Income tax – Assessment & Procedure**
2. Computer Application 3. Co-operation 4. Travel & Tourism
5. Marketing 6. Open Stream

Department of B.Com (OM & SP) Model III

Core Course Elective Offered by the University	Open Courses Offered by the University
1. Model I 2. Model II 3. Model III Office Management and Secretarial Practice (<i>Course opted by the dept.</i>)	1. Fundamentals of Accounting 2. Business Ethics 3. Insurance and Risk Management 4. Capital market and Investment Management 5. Financial Investment 6. Business Economics (<i>Course opted by the dept.</i>)
Core Courses (Theory & Practicals)	
1. Business Statistics 2. Modern Banking 3. Business Regulatory Frame Work 4. Quantitative Techniques for Business Research 5. Principles of Insurance 6. Corporate Regulation & Governance 7. Marketing Management 8. Financial Accounting 9. Business Management	10. Capital market 11. Corporate Accounting 12. Financial Services 13. Cost Accounting 14. Special Accounting 15. Applied Cost Accounting 16. Practical Auditing 17. Accounting for Managerial Decisions
<u>Complementary Courses</u>	
1. Fundamentals of Typewriting 2. Office Management & Administration 3. Income Tax Law & Practice 4. Income Tax Assessment & Procedures 5. Secretarial Practice	

Department of Physical Education

Open Courses Offered by the University & Course Opted by the Dept.
Physical Health and Life Skills Education

Career Oriented Add-on Courses under UGC Scheme	
1.	Communication Skills (Dept. of English)
2.	Travel and Tourism (Dept. of Commerce)

Table 1.2.3 (5) –PGCSS Restructured Syllabi – 2012 Admission onwards

	MA English	MA Economics
Semester I	PC1 Chaucer and the Roots of English	Microeconomics: Theory of Consumer Behaviour & Firm
	PC2 Writing of the Renaissance	Macroeconomics Theory and Policy
	PC3 Revolution and the Enlightenment	Indian Economy: Issues and Policies -I
	PC4 Literary Criticism and Academic Writing	Economics of Development and Growth-I
	PC5 Indian English Literature	Quantitative Methods for Economic Analysis-I
Semester II	PC6 Literature of the Nineteenth Century	Microeconomics: Markets, Information and Welfare
	PC7 Modernism in Context	Advanced Macroeconomic Theory and Policy
	PC8 Dimensions of the Post Modern	Indian Economy: Issues and Policies-II
	PC9 Language and Linguistics	Economics of Development and Growth-II
	PC10 Theories of Knowledge	Quantitative Methods for Economic Analysis-II
Semester III	PC11	International Trade Theory and Policy
	PC12	Public Economics
	PC13	Research Methods in Economics
	PC14	Economics of Environment and Social Sector
	PC15	Monetary Theory and Policy (Elective)
Semester IV	PC16	Global Trading and Monetary System
	PE1(Elective)	Indian Public Finance
	PE2 (Elective)	Fundamentals of Environmental Economics (Elective)
	PE3 (Elective)	Personnel Management (Elective)
	PE4 (Elective)	Economics of Agriculture (Elective)
	Project & Viva	Dissertation-Cum-Viva/ (Economics of Agriculture for Private Candidates)
		General Viva

	M.Sc. Physics	M.Sc. Chemistry (Pure Chemistry)
Semester I	Mathematical Methods in Physics-I	Organometallics and Nuclear Chemistry
	Classical Mechanics	Structural and Molecular Organic Chemistry
	Electrodynamics	Quantum chemistry and Group Theory
	Electronics	Classical and Statistical Thermodynamics
	General Physics Practicals	Inorganic Chemistry Practical-I
		Organic Chemistry Practical-I
		Physical Chemistry Practical
Semester II	Mathematical Methods in Physics-II	Coordination Chemistry
	Quantum Mechanics-I	Organic Reaction Mechanisms
	Thermodynamics and Statistical Mechanics	Chemical Bonding and Computational Chemistry
	Condensed Matter Physics	Molecular Spectroscopy
	Electronics Practicals	Inorganic Chemistry Practical-I
		Organic Chemistry Practical-I
Semester III		Physical Chemistry Practical
	Quantum Mechanics-II	Structural Inorganic Chemistry
	Computational Physics	Organic Syntheses
	Computational Physics Practicals	Selected Topics in Physical Chemistry
	Integrated Electronics and Digital Signal Processing	Spectroscopic Methods in Chemistry
	Microelectronics and Semiconductors Devices	Inorganic Chemistry Practical-II
	Integrated Electronics and Digital Signal Processing (Elective)	Organic Chemistry Practical-II
Microelectronics and Semiconductors Devices (Elective)	Instrumental Analysis Practical	
Semester IV	Atomic and Molecular Physics	Elective 1 – Advanced Inorganic Chemistry
	Nuclear and Particle Physics	Elective 2 – Advanced Organic Chemistry
	Instrumentation and Communication Electronics (Elective)	Elective 3 – Advanced Physical chemistry
	Advanced Electronics Practical (Elective)	Inorganic Chemistry Practical – 2
	Project	Organic Chemistry Practical – 2
	Viva	Instrumental Analysis Practical
		Project
	Viva	

M.Com (Finance)	
Semester I	Semester III
Advanced Financial Accounting-I	Management Accounting
Principles of Management and Organisational Behaviour	Direct Taxes - Law and Practice
Financial Management Principles	International Business
Research Methodology	Corporate Governance
Quantitative Techniques	Business Environment
Semester II	Semester IV
Advanced Financial Accounting-II	Advanced Cost Accounting
Strategic Management	Direct Taxes – Assessment and Procedures
Financial Management Strategies	Elective I-International Finance
Human Resource Management	Elective II-Financial Markets and Derivatives
Operations Research	Security Analysis and Portfolio Management
	Project/Dissertation, Viva-Voce

- 1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.**

B.Com (Model III) [Office Management and Secretarial Practice] is the only self financed programme of the college. The unique feature of this programme is that it offers both Taxation Laws and Computer Application. The programme has another marked feature: two months' on the job training at reputed Chartered Accountants offices. The college follows the university norms for fees structure. The college appoints the teaching staff adhering to the norms of the Mahatma Gandhi University with reference to their qualification. The teachers are appointed on abhoc basis and they are paid by the Management.

- 1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.**

The students can simultaneously pursue the academic programme and certificate courses (add-on courses) offered which contribute towards their multi skill development. The college also has many clubs which function effectively to promote and develop the inherent skills of the students. Most of the students are members of atleast one or two clubs. Participation in an organization (NCC/NSS) or in the club

activities indirectly empower the students with team spirit, organization skills, presentation skills and contribute to the holistic development of their personality.

The student advisors, tutors and counsellors impress upon the students the need for values in life. The college offers maximum mixture of tradition and modernity by celebrating traditional festivals like Onam and Christmas. Department of Botany as part of their open course in Horticulture and Nursery Management organize 'Hand-on Training' in flower arrangement for the students through which the students get awareness and training in different styles of flower arrangement. The Physical Education Department organizes Yoga and Aerobic classes for students. The college also offers a multimedia course for UG students under the leadership of the college bursar. A short film 'Ammamanssu' won the Best Short Film Award 2011, instituted by National Film Promotion Council. In addition to this Women's Forum conducts lectures and practical sessions on Jewellery making, driving classes (two-wheeler, four wheeler) and flower arrangements. The entrepreneurship club also provides adequate skill development programmes.

- 1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If 'yes', how does the institution take advantage of such provision for the benefit of students? No**

1.3 Curriculum Enrichment

- 1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and institution's goals and objectives are integrated?**

The institution works incessantly to supplement the university curriculum by integrating the academic programmes with the goals of the institution. The institution has been a model of excellence both in academic and non-academic areas. The students from our college have secured ranks in the PG and UG examinations. The college has commendable faculty expertise and sophisticated equipments/ infrastructure relevant for the conduct of the ongoing programmes. Well equipped laboratories and the members of research guidance committee help the students in innovative thinking.

The ideals put forth by the shapers of the nation are being put into practice every day. The day starts off with a common secular prayer song. There are regular seminars and workshops organized by the different student clubs. These seminars and workshops enlighten the spirit of the students and they help in promoting positive attitudes that are beneficial for the community as a whole. The departments are provided with computers

with internet facility that can be used by the students. The teacher student relationship is more like a friend, philosopher and guide/mentor. Twice a year, PTA meetings are conducted to review the curriculum and performance of the students.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

Quality at every step is given utmost attention by the Principal, HODs and other faculty members who strive hard to plan, implement and maintain the overall functioning and discipline of the college. New generation courses have career oriented on the job training programmes. Add on courses in ‘Communication Skills’ and ‘Travel and Tourism’ cater to the needs of the dynamic employment market.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The institution has organized classes on e-banking, climate change awareness; environment education posters and exhibition have also been organized. Essay competition and inspiring talks on issues like women empowerment and human rights have been organized. The World Environment day (June 5) and Ozone day (Sep 16) are observed in the college with many awareness programmes on Environment Protection. The College also conducts the Green Audit (energy audit, water conservation and biodiversity conservation) of its campus and facilities annually. Legal literacy classes are regularly conducted for all UG students. Political Science department has submitted a proposal to the UGC to start a Diploma Course in Human Rights.

Efforts are also taken by departments to promote environmental education among students and to spread environmental awareness among them. Students are regularly taken for study trips to various national parks, wildlife sanctuaries, Botanical Gardens and many other significant spots. Students are frequently taken for Biodiversity Studies in ecological spots like Munnar, Wyanad, Vagamon, Thenmala, Thekkady and Kodaikanal and through these trips, the college inculcates in them a love for nature. The college also encourages students to be a part of the NSS and NCC activities to encourage and promote community and national development. The provision for fee concession and scholarships make higher education affordable to the low income group.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

- **Moral and Ethical Values:** The institution is a cradle for a number of enrichment programmes. These programmes ensure the holistic development of the students. Orientation to Parents and Students on commencement Day of Degree and PG classes, Orientation Programme sponsored by PTA for all students in Degree and PG are very useful. The MGOCSM unit of the college has been organizing a three day camp every year at nearby retreat centres. The department of Malayalam has been conducting orientation programmes for its wards in campus away from the college. Value education sessions are conducted by department associations. The dept. of Economics provides special counselling for the D2, D3 and PG students. The institution conducts orientation programmes for all students. The PTA offers its whole hearted support for this venture. Moreover, weekly tutorial sessions bind the teachers and students together and enable to strengthen the bond between the student and his advisor.
- **Employable and life skills, better career options:** Career-oriented programmes are conducted both individually and generally in the institution. The career guidance and placement cell of the college sees to it that regular career oriented programmes are imparted to the students. The students are provided with ample information regarding the use of information technology devices. They have access to the internet facilities in the college and can use relevant data for their assignments, projects and seminars, which are very important for the completion of their respective programmes. The students also get the benefit of modern teaching aids, HR training, soft skill development and job opportunities which make them competent in the global employment market.
- **Community Orientation:** NSS volunteers and NCC cadets have regularly taken up campus cleaning activities. They have visited neighbouring areas to spread awareness of environment hygiene. The volunteers / cadets also donated blood for the needy. The dept. of Botany conducted a general session wherein outsiders were able to listen to the talk on medicinal plants. Rubber growers in and around Kottayam benefitted through the service of testing the actual dry rubber content in the latex by the DRC testing lab in the department of Botany. The Microbiology lab in the department of Zoology periodically conduct drinking water quality assessment of the water samples from dug wells around Kottayam. This surveillance studies help to take precautions against water

borne disease outbreaks. They have also conducted survey and awareness programme against chikungunya in collaboration with TIES, Kottayam.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Curriculum related workshops yield feedback from academic peers and that is taken into consideration by the faculty in the Board of Studies. The feedback informally collected from alumni / industry is passed on to the BOS and other university bodies.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

NSS and NCC - By verifying the annual report and quarterly statements from programme officers, performance audit from the university, by verifying the activity diary maintained by the volunteers. **MGOCSM** – The merit and leadership quality of many volunteers from the college helped them to become office bearers in the central administration unit of MGOCSM. **Subject Association and Club Activities** – There is an external board of evaluators to evaluate on the basis of specific criteria, the quality of the activities of various subject associations and club activities.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Due weightage is given to students' feedback and appropriate measures are taken to address the suggestions and grievances. Principal Prof. Jacob Kurian Onattu is the member of the student's grievance redressal committee of the Mahatma Gandhi University and Academic Council member from 2008 onwards. In addition to the BOS chairpersons and members already mentioned, Dr. P.M. James (Commerce), Dr. Susan Panicker (Zoology), Dr. Annamma Kurian (Chemistry), Dr. Biju Thomas (Physical Education) and Prof. N.V. Leela (Syriac) are subject experts in the teacher selection interview panel of Mahatma Gandhi University. Dr. P.M. James and Dr. Susan Panicker served as subject experts in the B.Com and B.Sc. new college and new programme allotment inspection team of Mahatma Gandhi University during 2011.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes / new programmes? Yes

- The college has adopted a scheme for the evaluation of the teaching, curriculum and other academic matters by the students through feedback mechanism.
- The Alumni Association meeting is conducted once a year, where the curriculum presently in vogue is discussed and suggestions based on their experience and industrial needs are noted down for the modifications in the curriculum.
- Twice a year, PTA Meeting is conducted to review the performance of the students. The suggestions on the revisions / modifications in the curriculum of the courses are obtained from the students, parents, resource persons visiting the departments, recruiting agencies, etc. and are represented to the University from time to time.
- Employers, industry experts and academic peers are invited for lectures, workshops, seminars and conferences as resource persons. Their feedback on curriculum is taken and analysed and represented to University from time to time.

1.4.3 How many new programmes / courses were introduced by the institution during the last four years? What was the rationale for introducing new courses / programmes?

Only two career oriented add-on courses (under UGC scheme) were introduced by the institution during the last four years. The institution has applied for M.Sc. in Zoology, Botany, Mathematics, MA Malayalam, BCA & BBA. The expert committee members of the university have inspected our facilities and favourable reports were submitted to the university. But due to the current government policies, no new courses in the aided and unaided streams were allotted during this period. However, we have obtained permission to start BBA (Aided) w.e.f. June 2014. The management applies for new generation courses and programmes every year according to the need of the global employment market.

Any other relevant information regarding curricular aspects which the college would like to include. (Best practices in Curricular Aspects)

1. The institution organizes subject related ie, academic and non-academic workshops, seminars and lectures for enhancing the students' and teachers' knowledge and updating their awareness of the current trends.
2. The college has organized exhibitions in Arts, Science and Commerce related fields showing the practical knowledge of students in understanding the functions of various disciplines.

**CRITERION II:
TEACHING-LEARNING AND
EVALUATION**

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1.1 How does the college ensure publicity and transparency in the admission process?

The college is well known and has good reputation among the public. The institution has a transparent and well administered mechanism for admission complying with all the prescribed norms of the government and the university.

Till 2009 – as part of the University admission procedure, admission was done, based on merit in the previous qualifying examination. Since 2009 – it is CAP (Centralised Allotment Process) of the University. The college follows the schedule decided by the Mahatma Gandhi University, Kerala which is announced in the major newspapers and the University websites. The institution has a mechanism which is a combination of prospectus, institutional website, helpdesk and advertisement in regional and national newspapers for publicity.

- (a) **Prospectus:** It contains the details about the institution and the programmes (courses) as well as details about the specializations offered by the institution, open courses, electives and the eligibility criteria for each programme, which helps the students choose their right option.
- (b) **Institutional Website:** The college has a well designed website and this enables the students to get an idea about the college and the various activities of the institution.
- (c) **Helpdesk:** Both university helpdesk and college helpdesk function in the college during the PG and degree admission season. Online applications are invited for both. Briefing is done and the students are properly counselled in selecting courses.
- (d) **Advertisement in the newspapers:** Publicity through newspapers regarding the self financing course B.Com Model III.
- (e) **Word of mouth:** Our students are the best source of publicity and through them our college gets the best students from around the state.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i)merit (ii)common admission test conducted by state agencies and national agencies (iii)combination of merit and entrance test or merit, entrance test and interview (iv)any other) to various programmes of the Institution.

For BA, B.Sc., B.Com UG programmes, a basic pass minimum (35% in qualifying examination) is the cut off mark at the entry level. For PG programmes, 45% in qualifying examination is the cut off mark at the entry level. For SC/ST, OBC and OEC students, there is relaxation of marks. The criteria adopted is merit at the

previous qualifying examination, and subject based weightage as per University norms, weightage for NCC and NSS – 15 for UG and 5 for PG. Seat allotment for various categories of candidates (percentage wise) are General Merit – 50% (2 seats each reserved for Sports/Cultural Activities and physically challenged), SC/ST Reservation – 20%, Community Reservation – 10%, Management Quota – 20%.

- 2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.**

Table 2.1.3 (6): Minimum and Maximum percentage at the entry level 2007-2012

Dept. (BA/B.Sc. /B.Com.)	2008-09		2009-10		2010-11		2011-12		2012-13	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Eng	41.5	86.1	40.5	87.1	43.5	87.5	50.7	88.4	51	89
Mal	48.5	67.5	46	79	41	82	38	76	40	73
Eco	52	88.8	51	85.6	51	80.1	51	81	47	83
Pol	45	73	48	74	45	75	50	85.1	56	88.5
Maths	52	81	58	94.5	60	90	59	90	46	90
Phy	55	89	57	83	54.6	95.4	57	91	59.4	96.3
Che	49	79.3	53	80.5	42	86	52	90	55	92.6
Bot	49	69	46	70.2	53	80.5	50	85	51	86
Zool	46.5	72	55.8	69	56	81.7	52	93	50	93
B.Com (R)	52.5	92	52.2	94.3	50	93.3	56.9	76.4	51	97
B.Com (Voc)	48	81.6	55.6	89	48	94.3	54	83	49	90
MA/M.Sc./M.Com										
Eng	47	73.3	54.8	80	54.8	80	38	76	48	88
Eco	50	67.4	46	87.2	50.2	67	42	74	45	85
Phy	49.9	90.4	60	83.5	56	84	57.33	84.7	62	88.5
Chem	56.2	89.6	51	87	56	85	50.7	84	60.8	91.7
M.Com	57.14	81.5	53.1	82	52.57	82	47.35	86.2	51.71	90

CAP admission for PG and UG brought students with high percentage of marks when compared with many other colleges of the affiliating university within the district with regard to minimum and maximum percentage of marks for admission especially for B.Com, M.Com, B.Sc. Physics, Chemistry, Botany and Zoology.

- 2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?**

There is a body (Admission Committee) constituted, institutionally and department wise, to monitor the admission process in compliance with rules of the university. Fair

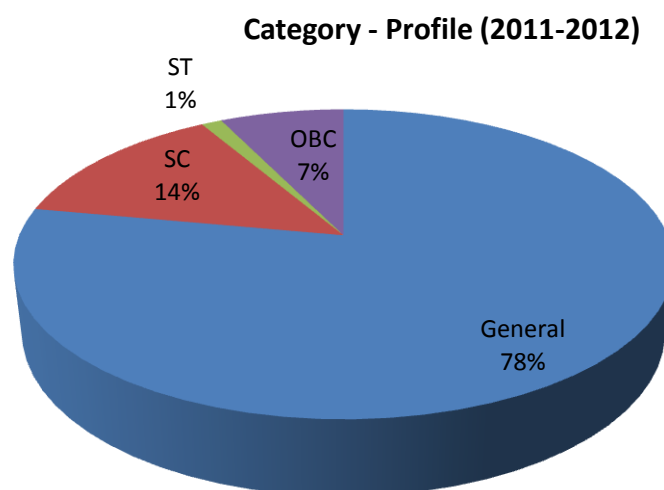
and transparent admission process is ensured in the college both in merit, reservation quota and management quota. Management quota admission policy is formulated by the management committee. Periodical reporting and daily uploading of the college level admission were done promptly under leadership of the Principal and Admission Nodal Officer.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

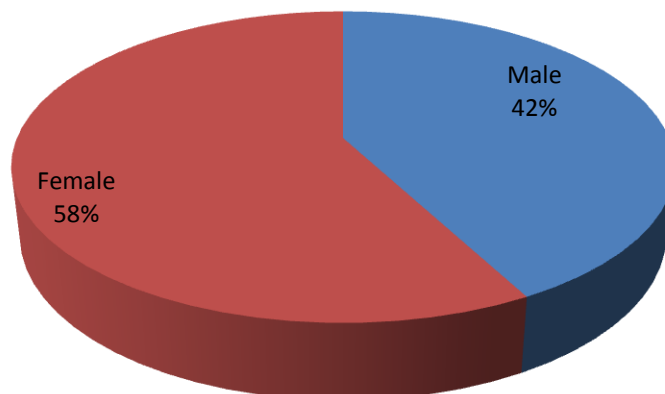
The student's profile reflects the composition of the student community representing different socio-economic and learner background.

- **SC/ST, OBC and OEC:** As per the existing Government rules 15% reservation is provided to SC candidates and 5% to ST. If eligible candidates of SC/ST are absent to fill the seats, the students from other eligible communities (OEC) and other backward communities (OBC) are considered after notifying the vacancy three times in news papers. They also avail fee concession and many scholarships and stipends.
- **Women:** Gender equity in admission procedure is ensured. The recruitment and admission processes and policies are free from gender discrimination and are based on the requirements. Access and equity issues are considered while setting course entry requirements by the university. More than 60% of the available seats of the college are generally filled by women students.
- **Differently abled:** The programmes and strategies adopted by the institution cater to the needs of the students of differently abled and physically challenged. 3% of total seats for PG and one seat from each degree courses are reserved for physically challenged.
- **Economically weaker sections:** The College is located in the heart of the city which provides excellent transportation facility by train and bus. They get the benefit of fee concession from authorities on producing necessary documents.
- **Minority community:** 10% of the seats are reserved for Christian-Orthodox students.
- **Any Other – Sports Personnel:** Two seats per programme. At the time of admission due importance is given to the students with excellent sports record. **Cultural Quota:** One seat per programme.

- **Student Profile:** Baselius College has a total strength of 1443 students for the current academic year 2012-2013 out of which 587 are male students and 856 are females. In 2011-2012, the total strength is 1417 out of which 598 were boys and 819 girl students. All of them (except 2 from Lakshadweep) belong to the state of Kerala. 78% of them belong to general category and the rest 22% belong to SC/ST and OBC. The percentage of SC-ST students admitted in our college (15%) is very high compared to the neighbouring colleges. This is an indication of the fact that there is a very friendly atmosphere for them in the campus. Though the college is situated in urban area, 81% of our students come from rural area. The Socio-Economic profile of the students has been done based on the socio economic status of the parents, inferred from formal and informal records. It may be observed that majority of the students belong to low and middle income group. 73% of them belong to families with monthly income of less than Rs. 24,000/, 17% of them belong to families with monthly income ranging from 24,000 to one lakh and only 10% of them are with monthly income above one lakh. Diagrams showing classifications according to different categories are given below.



Gender - Profile (2011-2012)



2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends i.e. reasons for increase/ decrease and actions initiated for improvement. *Table 2.1.6 (7)*

Programme	No. of Students Admitted					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1. BA English	44	46	54	59	58	60
2. BA Malayalam	31	29	32	30	22	30
3. BA Economics	56	50	55	54	49	56
4. BA Politics	49	44	47	47	38	40
5. B.Sc. Mathematics	35	40	35	32	37	46
6. B.Sc. Physics	25	28	28	23	23	28
7. B.Sc. Chemistry	34	37	38	35	36	44
8. B.Sc. Botany	34	27	35	30	33	43
9. B.Sc. Zoology	28	32	32	25	34	43
10. B.Com	60	61	56	60	59	60
11. B.Com (Voc)	38	41	37	38	43	42
12. MA English	17	20	17	23	21	25
13. MA Economics	13	8	16	15	17	20
14. M.Sc. Physics	15	11	11	14	15	13
15. M.Sc. Chemistry	17	18	16	20	20	19
16. M.Com	14	16	19	19	18	19
Ph.D English	1		2	1	1	-

Table 2.1.6 (8) BA/B.Sc./B.Com/MA/M.Sc./M.Com. Admission Details - Centralised Allotment Process (CAP) by the University for UG – 2011 & PG – 2010 admission onwards. (Legend:- A.R - No. of Applications Received, S.A - No. of Students Admitted, D.R -

Demand Ratio). Kindly note that we are unable to furnish Demand Ratios details after the university introduced on-line Centralized Admission Process (CAP).

Programme (UG)	2007-2008			2008-2009			2009-2010			2010-2011			2011-2012	
	A.R	S.A	D.R	A.R	S.A	D.R	A.R	S.A	D.R	A.R	S.A	D.R	A.R	S.A
English	579	44	13:1	602	46	13:1	625	54	11:1	642	59	10:1	CAP	58
Malayalam	316	31	10:1	322	29	11:1	566	32	17:1	358	30	11:1	CAP	22
Economics	798	56	14:1	805	50	16:1	835	55	15:1	921	54	17:1	CAP	49
Politics	401	49	8:1	453	44	10:1	432	47	9:1	463	47	9:1	CAP	38
Maths	349	35	9:1	368	40	9:1	395	35	11:1	408	32	12:1	CAP	37
Physics	459	25	18:1	480	28	17:1	487	28	17:1	528	23	22:1	CAP	23
Chemistry	353	34	10:1	372	37	10:1	374	38	9:1	431	35	12:1	CAP	36
Botany	167	34	4:1	180	27	6:1	155	35	4:1	187	30	6:1	CAP	33
Zoology	174	28	6:1	183	32	5:1	157	32	4:1	192	25	7:1	CAP	34
B.Com (Model I)	769	60	12:1	862	61	14:1	894	56	15:1	932	60	15:1	CAP	59
B.Com (Model III)	237	38	6:1	256	41	6:1	237	37	6:1	252	38	6:1	CAP	43

Programme PG	2007-2008			2008-2009			2009-2010			2010-2011		2011-2012	
	A.R	S.A	D.R	A.R	S.A	D.R	A.R	S.A	D.R	A.R	S.A	A.R	S.A
English	92	17	5:1	88	20	4:1	96	17	5:1	CAP	23	CAP	21
Economics	61	13	4:1	56	8	7:1	68	16	4:1	CAP	15	CAP	17
Physics	165	15	11:1	132	11	12:1	130	11	11:1	CAP	14	CAP	15
Chemistry	142	17	8:1	154	18	8:1	152	16	9:1	CAP	20	CAP	20
M.Com	90	14	6:1	102	16	6:1	116	19	6:1	CAP	19	CAP	18

2.2 Catering to Diverse Needs of Students

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

Catering to Diverse Needs: The institution caters to the needs of differently abled students and follows the government rules by providing all the necessary assistance,

sanctioned by the government and consideration in all matters including remedial assistance. The institution assesses the students' learning level and conducts appropriate remedial measures with the commencement of the programme. There have been instances where the students with temporary disability were given help. Separate room allotment is made during the examinations. Personal care and attention is given for such students. Required facilities and support (such as scribe and extra time) is provided for such candidates. As per state policy, reservations and other facilities are provided to the physically challenged students.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

One formal orientation programme for the newly admitted students (batch wise) is conducted at college level where the students are informed in detail about the features of University level education and other aspects of higher education. All departments provide detailed information about the nature of subject at undergraduate level before they start the syllabus.

2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge/Remedial/Add-on/Enrichment Courses, etc.)

In order to bridge the knowledge gap and enable the students to cope with the syllabus, remedial classes are conducted. This helps the slow learners to overcome their deficiencies and come on par with the rest of the class. Through various efforts of the class teachers, attempts are made to encourage and motivate the average learner to be more participatory. A friendly atmosphere is developed in the class and the bright ones are motivated to help the slow learners. Thus peer teaching is also encouraged.

1. Orientation programme for new comers (For all classes of UG and PG)
2. Very effective tutorial system (For all classes of UG and PG)
3. Remedial classes (For selected needy students of the college)
4. Bridge courses (Nil)
5. Add on courses (offered by Department of Commerce and Department of English)
6. Students were also taught research methodology courses in the first semester, open courses in the fifth semester and choice based electives in the sixth semester of CBCSS UG curriculum.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Nature club, Student counsellors, Student Grievance Redressal Cell, Anti-Ragging Cell, Student Aid Cell, Women's Forum, Men's Forum, Tourism Club etc. function in the college and various activities are arranged, including talks by experts to sensitize the Staff and Students regarding environment and gender, inclusion (accommodating any person with a disability) etc. Charity Clubs run by various departments to help the needy students and 'Fast a Day and Feast your Friend' by MGOCSM etc deserves special mention.

1. PTA: The PTA takes interest in the development of the college. The PTA has launched welfare schemes such as drinking water supplying scheme, stand – by generator, toilets, college public announcement system, etc. Orientation programmes of all newly admitted students were conducted under the auspices of PTA. This organization also helps by paying temporary / substitute teachers.
2. Students Grievance Redressal Committee functions with the College Principal as Chairman and with student representatives of the college union and teachers from the college council.
3. Student Counsellors - trained teachers of the college and professionals work as consultants to monitor the activities of counselling service.
4. Student Aid Cell – focusses on the general issues of student community. Helpdesk functions at the time of admission.
5. Anti-Ragging Cell - copies of the booklet on Anti-Ragging regulation have been freely distributed to all applicants at the time of admission. Copies are also available in the library for reference.
6. Tutorial System and Value Education – to ensure personal care, individual attention and learner analysis, the college has tutorial system. This system satisfies the norms laid down by the UGC in this regard. This system will help to promote interpersonal relationship among the students. The entire student community is divided into groups and each group is entrusted with a teacher who personally looks after the students of his/her group. Separate periods are set apart in the timetable for tutorial work.
7. Women's Forum functions on the campus with a view to promoting women empowerment. It is open to all women students of the college. It organizes discussions,

seminars and awareness programmes focusing mainly on women's issues and needs in tune with the times. A diploma course in 'home living education' is conducted by the forum. Lectures and practical sessions are arranged in embroidery, fabric painting, cooking, beauty tips, flower arrangement and pre marital counseling, by experts in relevant fields. Girl students are also given two wheeler driving lessons.

8. Men's Forum: plans and conducts beneficial activities for male students through seminars, discussions etc. in which issues and problems faced by men are widely addressed. eg. addiction to drug and drink, internet etc. Men's forum also promotes sports and games. The interdepartmental cricket match is very popular.
9. College Staff Club and College Council – under the auspices of the Staff Club and the College Council, the orientation and training programmes for staff are arranged. Staff Club is an informal body of all teaching staff, set up with an objective to promote healthy relationship among teachers of various departments. College Council is a formally constituted body for easy governance.
10. Ethics Committee - in accordance with Government order (346/05 dated 01/03/2005) an Ethics Committee has been constituted in connection with the ban imposed on the use of Mobile phones, performance of obscene cinematic dance and fashion shows etc in the college.
11. MGOCSM - caters to the spiritual needs of the students. Prayer meetings, camps, orientation classes and value education, pilgrimage etc are arranged.
12. NCC, NSS and Nature Club - inculcate discipline, sense of unity, patriotism, national integration and work culture in youth and gives them proper guidance on environmental issues, biodiversity studies and green auditing. Ensures success in life and personality development.

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

Advanced learners are identified through their performance in class tests, examinations, seminar presentations, writing activities and practical situations, and they are motivated and encouraged to participate and compete in various competitions at the University/College at various levels. Advanced learners are recommended more reading material and reference works in the Library, including International Journals.

Through National Seminars and linkage with other Boards, advanced students are oriented towards research.

Various departments conduct National level seminars, paper presentations, exhibitions etc. The institution also promotes research culture among faculty and students. The students are encouraged to participate in various researches related activities like paper presentation, poster designing etc. Advanced learners are encouraged to participate in various advanced activities in their field and are oriented towards better career goals and opportunities. Learning needs of advanced learners provided in the institution are, INFLIBNET facility, Computer lab, Library books & International Journals, Quiz Club, Research Centre and Research Guidance Committee.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?

The performance of students in class tests, examinations, seminar presentations and English proficiency will help to demarcate the average and above average students from the below average students. Their interaction in the class would enable the teachers to identify the slow learners. The interactions in the tutorial sessions conducted by the class teachers enable to identify the economically weaker students. The students from the disadvantaged sections of the society, physically challenged, slow learners and economically weaker sections are given timely assistance by the management, students and teachers. They are counselled for better identification of their problem. The slow learners are morally encouraged and are provided with supporting materials, study material, previous years question papers etc. Teachers provide personal guidance whenever students approach them.

As per the UGC guidelines, every staff member does tutorial work and engages tutorial classes. In these classes, specific problems, tough topics and concepts are given more attention. The concept of mentoring is used effectively so that each student has a friend, philosopher and guide like a surrogate parent with whom he/she can share his/her thoughts. This also effectively solves their problems. The attendance and performance in the class room are given more importance and suitable action taken if needed. In certain cases, peer groups are made in charge of the weaker ones to equip them for better performance.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning, and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

The academic activities of the institution are based on the academic calendar of the affiliating university. In the beginning of the academic year, college prepares its own academic calendar proposing the activities and the probable dates of different activities like cultural events, sports, NSS, NCC etc. Each department likewise prepares department action plan containing syllabus distribution, syllabus coverage schedule, student seminars, project work etc. Many departments conduct special lectures by inviting subject experts. Each department submits a monthly report of its activities to the principal.

In order to ensure the smooth running of the institution and the various departments, the following activities are undertaken.

- In accordance with the University Academic Calendar, the college also maintains a teaching plan, work/hour division for all classes and subjects and a blueprint for evaluation.
- Preparation of departmental timetable
- Allocation of subjects / areas to be taught among faculty members
- Preparation of individual time table by faculty members
- Lesson plan by each faculty member
- Follow up of lesson plan by monthly reports
- Planning up of class tests and examinations
- As per the university norms, tests for internal assessments are conducted in every subject and the students are given internal assessment grades based on their performance in the tests, attendance etc. The CBCSS General Co-ordinator and the College Council monitor the internal assessments. The internal assessment GPA is published in the notice board and is uploaded on the university website. There are systematic internal and external examinations schedule planned in advance and published in the college calendar. Internal examinations are well monitored right from the setting of question papers to the conduct of examinations and the evaluation. Evaluation is a continuous comprehensive one with their assessment through seminar presentations and assignment preparations. Every department maintains teaching plan and evaluation blueprint. The conducts of university external examinations are supervised by an External Additional Chief Superintendent and Principal/ Chief

Superintendent. The university level practical and theory examination schedule are announced by the affiliating university.

2.3.2 How does IQAC contribute to improve the teaching-learning process?

At the beginning of each academic year, the meeting of the IQAC was held and a plan of action was chalked out.

- To conduct national and state level workshops, seminars and invited lectures in the UG and PG departments
- To continue add-on courses in the departments of Commerce and English
- To apply for PG courses in the UG departments, and new generation courses in the PG departments
- To conduct periodic debates and quiz competitions
- To strengthen the activities of Research Guidance Committee
- To strengthen the activities of National Service Scheme, NCC and Nature Club
- To purchase licensed computer software with UGC assistance
- To purchase more computers for all departments with UGC assistance
- To avail unlimited internet facility to all departments and students
- To conduct two internal examinations in every semester
- To implement strict monitoring of attendance of each student (Students with less than 75% attendance are not permitted to appear for university examination)
- Infrastructure augmentation: Renovation of Physics, Chemistry, Botany and Zoology labs to enhance learning facilities for the students in keeping with the changed CBCSS curriculum (semester), addition of laboratory equipments and instruments to the Science laboratories.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Recent developments in the field of higher education have brought many changes where the whole process has become student-centric. Attention is given to the process of making every student competitive with adequate skills to succeed in his future life.

Learner centred method: Along with the lecture method, discussions, and debates are conducted. Mandatory seminars and assignments, model viva voce etc are done. Each

and every faculty member is equipped with the counselling skills, which makes them efficient in handling situations. Classes on morals and ethical behavior are conducted. The teacher-student relationship is effective in fulfilling goals of the students the right way. Understanding the abilities, and the background of the students etc contribute to learning. Students are provided with different platforms to show their talents. They are also sent to different places to take up field and research projects. These help them to understand the concept of social responsibility (Green Audit, Chikungunya survey, Water quality assessment of drinking water are some of the instances). Training is also provided on soft skills, moral values, discipline, and personality development by various subject association activities.

The Institution provides plenty of opportunities like NCC, NSS, and subject associations to acquire exposure to life skills besides the routine syllabus. Group discussions in PG classes and teaching UG lessons by PG students help to develop skills like interactive learning and collaborative learning. Add-on courses in 'Communication Skills' and 'Travel and Tourism' help the students to acquire soft skills and awareness about the environmental issues.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

Various clubs function and organize activities, and hold various competitions to nurture the creative and critical talents of students. Every department maintains a subject/cultural association, which holds programmes throughout the academic year. Clubs are – Music club, Literary club, Histrionic's club, Tourism club, Photography club, Nature club, Women's forum, Men's forum, Entrepreneurship club, Debating club, Choreography club, ED Club, Research Forum, Association activities etc. PG Forum is a welfare association for postgraduate students.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning – resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education etc.

Technologies and facilities available are internet facilities in all departments, Language lab functioning under the English department, Educational technology room equipped with Smart Boards and several LCD / DLP Projectors installed in departments.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

Every department conducts annual lectures, seminars and workshops mostly at the national level, exposing the faculty and students to the most advanced and latest information in the relevant fields. For students the college encourages industrial visits, study tours, presentations, invited lectures, workshops, seminars, competitions and symposia.

For faculty members Staff Colloquiums – Staff Club – A platform where the faculty members share their knowledge in different areas with their colleagues.

Conferences/ Workshops/Seminars: Staff members are encouraged to attend conferences, seminars, workshops etc to update their knowledge. Some of them are resource persons for various workshops and seminars.

Orientation and Refresher courses: Orientation for the newly appointed teachers is arranged by the management. Research methodology workshops are arranged by the research guidance committee. Staff members attend two orientation courses and two refresher courses in academic staff colleges, which is mandatory. Experts are invited and special training sessions are arranged in orientation and refresher courses. The management annually conducts one day orientation programme for the teaching staff of the entire colleges of the corporate management in which experts are invited to give special training in areas of soft skills, personality development and effective teaching.

2.3.7 Detail (process and the number of students/benefitted) on the academic, personal and psycho-social support and guidance services (professional counselling/mentoring/academic advice) provided to students?

Faculty counselling is done. Mentoring is done through weekly tutorials and academic advice is provided on a personal level.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

College has well equipped class rooms along with traditional chalk and talk method of teaching. Different tools are used for effective learning experience. Charts, models, maps, specimens etc are used in both humanities and science subjects. PowerPoint presentations with the help of LCD projectors are held occasionally to deal with important topics. Students have access to the internet facility in the UGC network

resource centre of the college. All departments have internet facility which is also available to the concerned students.

Dept. of English: Internet Facilities for Staff & Students: Internet facility is provided for students in the department and general library. Class rooms with ICT facility: UG first semester Communicative course require training in communicative skills for which ICT facility is employed. Laboratories: Language Lab facility is provided for students of Add-on course.

Dept. of Physics: Class rooms with ICT facility: Computer Lab with OHP & LCD Projector. Laboratories: five Laboratories (one UG Physics Lab, one UG Electronics Lab, one PG Physics Lab, one PG Electronics Lab, Computer Lab with 15 PCs and two Printers).

Dept. of Chemistry: Internet facilities for Staff & Students: eight Computers & one Laptop. Class rooms with ICT facility: A reading room with ICT facility.

Laboratories: one UG Lab & two PG Labs with all facilities required for Physical, Organic & Inorganic practicals as per curriculum.

Dept. of Botany: Internet facilities for Staff & Students: There is a separate information technology and bioinformatics lab set up in the department in order to cope up with the drastic changes in the curriculum. IT lab is equipped with five computers; all connected with internet and printing facility. Computers are also installed with softwares which give three dimensional views of biological molecules. Other than this there are two computers with internet facility kept in the staff room. Class rooms with ICT facility: Most commonly LCD Presentations are used in the class room as a tool to support learning of traditional subjects. Laboratories: A well furnished and equipped B.Sc. Botany lab with more than 35 simple and compound microscopes, a camera attached microscope of higher magnification, Centrifuge machines, Colorimeters, gel electrophoresis unit, electronic weighing balance of three digit accuracy, pH meter, hot air oven, water bath etc. The department maintains a museum of lower and higher plant forms.

Dept. of Zoology: Internet Facilities for Staff & Students: 10 Computers with Internet facility, one laptop, LCD projector, printer etc. Laboratories: Air conditioned Bioinformatics lab, air conditioned Microbial inoculant lab (Microbiology research lab) with trinocular research microscopes (2) with built in camera & camera attached,

laminar flow hood, hot air oven, incubator, autoclave etc. General B.Sc. Lab - Department has 50 compound microscopes. Museum with more than 1000 Zoological Specimens, Slides and Charts.

Dept. of Mathematics: Internet facilities for Staff & Students: 4 Computers with Internet facility, 1 Printer and 1 Printer with scanner. Class rooms with ICT facility: LCD Projector available in final year B.Sc. class room

Dept. of Politics: Internet facilities for Staff & Students: 3 Computers with Internet connectivity. Class rooms with ICT facility: 1

Dept. of Malayalam: Internet facilities for Staff & Students.

Dept. of Commerce: Computers with LAN/ Internet facilities, LCD projector; separate computer lab.

Dept. of Commerce Model III: Internet facilities available to all staff and students + separate computer lab.

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

The students and faculty are expected to have up-to-date knowledge in the concerned subject. Faculty updates their knowledge by referring the recent editions of the reference books, journals and periodicals. Students have access to internet facility at library and in the UGC network resource centre.

The College maintains a general library and individual department libraries. The library is automated and has free internet facility. Photocopier and other facilities are available. The library remains open from 9 am to 5 pm on all working days.

General Library: Books – 37,105, Journals – 27, Periodicals – 26, Newspapers - 8

Both staff and students make use of the resources to improve the skills and knowledge. Students are encouraged to frequent the library and make use of the resources/ facilities to augment the learning process. The departments also maintain a collection of library books. Students can directly access library books and they are provided with library cards to borrow books. In department libraries, a staff member is given the charge of library to ensure its smooth running. The library book issue register is maintained for Staff and Students.

Dept. of English – 2500 books. Dept. library has got Rs.10,000 as part of UG Grant-UGC, and has carried over Books and Journals worth Rs 2.50 lakhs under UGC XI

plan to the general library, PG Library - Books bought with other funds, Books donated by outgoing students and Books donated by Staff. Dept. of Economics – 2249 books, three Journals, three News papers, Dept. of Commerce – 1759 books, 9 Journals, Dept. of Physics – 1553 books Dept. of Chemistry – 583 books, Dept. of Botany – 900 books. Along with library a herbarium (collection of dried, pressed and preserved plant twigs mounted on paper sheets to make plant identification and studies related to it easier) is set for the Botany students. Dept. of Zoology – 733 books, 6 Journals, Dept. of Mathematics - 2362 books, Dept. of Politics – 553 books, Dept. of Malayalam – 3011 books Dept. of Commerce Model III – 1316 books.

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

Challenges encountered

- 1.) Student politics and consequent unrest and loss of quality working days
- 2.) National, state and district level, strikes and harthals / bandhs.

Institutional approaches to overcome these challenges

- 1.) Special classes are engaged to finish the portion on time.
- 2.) Students are encouraged to abstain from politically motivated strikes.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

There is a feedback system by students about faculty through prescribed format of questionnaires. The feedback is self analysed by the teachers themselves critically for their improvement. Periodical evaluation, feedback and management review, IQAC - Departmental/ Institutional level assessments – occasional examination and discussion with students – peer team visit by the management help to monitor and evaluate the quality of teaching learning.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

Faculties are recruited by the management as directed by the norms of the state government. An interview board is constituted comprising the subject expert, from the University, government nominee, management representatives (2) and Principal –

News paper advertisements in three leading newspapers is mandatory – personal interview and selection as per govt. & UGC norms for both permanent and guest faculty. Merit and higher qualification are taken into consideration. *Table 2.4.1 (9)*

Table showing the faculty profile of the institution.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<i>Permanent teachers (57)</i>							
D.Sc. / D.Litt	-	-	-	-	-	-	0
Ph.D	-	-	5	12	2	3	22
M.Phil	-	-	1	6	1	3	11
PG	-	-	4	1	6	13	24
<i>Temporary teachers(Guest Lecturers)(21)</i>							
	Male	Female	Total				
Ph.D	1	1	2				
M.Phil	0	1	1				
PG	5	13	18				
<i>Part – time teachers NIL</i>							

- 2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.**

Teachers are motivated and subsequently permitted to attend the orientation courses, refresher courses and workshops organized by the Academic Staff College, Higher Education Council, Mahatma Gandhi University, Board of Studies and UGC. The teachers thus become well equipped to teach the newly introduced courses after these training programmes. For example, Bioinformatics is a new course for CBCSS UG Zoology and Botany (sixth semester). UGC sponsored a 3 day workshop on ‘Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus’ conducted by the Zoology Department on August 11, 12, 13 (2011) for all the college teachers of MG University. Special training was given to the teachers of Zoology and Botany by the eminent resource persons – Dr. Achuth Sankar S. Nair and his associates – Centre for Bioinformatics, University of Kerala. Another workshop was also conducted to give special training in Bioinformatics by the Tropical Institute of Environmental Studies, Kottayam and teachers from this college and other colleges attended to sharpen their expertise in the subject. One batch of students of CBCSS

successfully passed out in March 2012. Baselius College was the venue of curriculum related workshops conducted by the affiliating university for various subjects during 2009-2011.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

(a) Nomination to staff development programmes

Table 2.4.3 (10)

Academic Staff Development Programmes	Number of faculty nominated					
	'07	'08	'09	'10	'11	'12
Refresher courses	2	1	2	3	1	2
Orientation programmes	1	1	4	1	2	
Staff training conducted by the university			40		40	
Summer / winter schools, workshops, etc.			40		40	

a) Refresher Courses

1. Dr. Jalaja J Malayan – Dept. of Chemistry - Refresher course on e-content –development held at CACEE, Cochin University of Science and Technology from 5-3-2007 to 26-3-2007
2. Dr. Nirmala Joseph – Dept. of Physics - Refresher course- 26/07/2007 to 16/08/2007 UGC Sponsored, ASC, Thiruvananthapuram
3. Dr. Jalaja J Malayan – Dept. of Chemistry - Refresher course at Maharaja's College Ernakulam 6/02/2008 - 27/02/2008
4. Prof.Sindu Jones – Dept. of Physics - Refresher Course at Bishop Moor College, Mavelikara 7/12/2009-19/12/2009
5. Dr. Suma Bino Thomas – Dept. of Chemistry - Refresher course at ASC, Thiruvananthapuram 17/04/2010-8/05/2010
6. Dr. Nirmala Joseph- Dept. of Physics - Refresher course at ASC, Thiruvananthapuram 3/07//2010 -23/07/2010
7. Dr. Nirmala Joseph - Dept. of Physics - Refresher course at MG University, Kottayam 18/11/2010 - 3/12/2010
8. Prof. Manoj Narayanan K.S. - Dept. of Commerce - Refresher Course - August 2011, Academic Staff College, Kariavattom, University of Kerala
9. Dr. Jyothimol P. – Dept. of English - Academic Staff College, University of Kerala, Thiruvananthapuram, Sept 2012

10. Dr. Annie Cherian – Dept. of Statistics – Academic Staff College, University of Kerala, Thiruvananthapuram, Dec 2012

b) Orientation Programmes

1. Prof. Sosamma Chandapillai - Dept. of Chemistry - Orientation Programme - IT Oriented (UGC Sponsored) conducted at Academic Staff College, University of Kerala, Kariavattom, Thiruvananthapuram from 17-4-2007 to 14-5-2007
2. Smt. Liji Koshy – Dept. of Zoology - Orientation, December 2011 Academic Staff College, University of Kerala
3. Rev .Fr. Thomson Roby – Dept. of History - Orientation, December 2011 Academic Staff College, University of Kerala
4. Smt. Tissy Eruthickal – Dept. of Commerce – Orientation, December 2011 Academic Staff College, University of Kerala
5. Prof. Berly Sebastian – Dept. of Commerce – Orientation – May 2013 Academic Staff College, Bharathiar University.
6. Prof. Vidya Merlin Varghese – Dept. of English – Orientation – May 2013 Academic Staff College, Bharathiar University.

- ❖ **Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning Teaching learning methods/ approaches, Handling new curriculum, Content/knowledge management, Selection, development and use of enrichment materials, Assessment, Cross cutting issues, Audio Visual Aids/multimedia, OER's, Teaching learning material development, selection and use.**

The institution supports the professional development of the faculty. The faculty members are supported to undertake M.Phil and PhD degrees. Faculties are encouraged to take up research projects with the UGC. Faculties are allowed to attend National and International level workshops and conferences in their concerned area. The Institution in collaboration with Mahatma Gandhi University and Higher Education Council has conducted faculty training programmes when the new CBCSS curriculum was introduced in UG and PG.

1. Workshop on ‘Grading and Restructuring Undergraduate Education’ on 27/02/2009 at Baselius College, Kottayam.
2. Workshop of Zoology faculty on CBCSS Restructured Syllabus sponsored by Mahatma Gandhi University on 23, 24 and 31 July 2009

3. Baseliuss Research Guidance Committee conducted a Workshop on 'Research Methodology in Humanities' on 17/09/2012 and 'Laurels' on 10th December 2010.
4. Dept. of Physics – UGC sponsored 2 days national seminar on Mesmerisms in Optoelectronics, on 11, 12 July 2011
5. Curriculum Review workshop in Malayalam on July 2011
6. Dept. of Economics – UGC Sponsored two days national seminar on European Economic Crisis and its implications for India, on 4 and 5 August 2011.
7. Dept. Zoology - UGC sponsored two day Workshop on 'Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus' - August 11, 12,13, 2011
8. Curriculum Review Workshop in Zoology on 06/12/2011
9. Dept. of English conducted a UGC sponsored 2 day National Seminar on Literature and Psychology' on 8/12/2011 & 9/12/2011.
10. Dept. of English conducted a 2 day National Seminar on 'Language and Representation: The Mystique of Interpretation' on 14/1/2011 &15/1/2011.
11. Dept. of Chemistry conducted UGC sponsored National Seminar on Modern Trends in Organic Chemistry, on 23&24 February2012

(b) Percentage of faculty

- Invited as resources persons in workshops / seminars / conferences organized by external professional agencies: 5% (Refer Criterion III 3.1.10)
- Participated in external workshops / seminars / conferences recognized by national/ international professional bodies: 75% (Refer Criterion III 3.1.6)
- Presented papers in workshops / seminars / conferences conducted or recognized by professional agencies: 10% (Refer Criterion III 3.1.6)

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

- The institution supports the professional development of the faculty. Teachers participate in refresher courses and orientation programmes conducted by various ASCS from time to time (Dr. Maya Kuriakose, Dr. Jyothimol P., Dr. Annie Cherian). They also attend and benefit from national/ international seminars, Workshops etc.

- The faculties are encouraged to take M.Phil, PhD and Research projects. (2007-2012), seven members of faculty completed their PhD, two persons are doing their PhD, six minor and two major projects are ongoing, 23 seminars were conducted by the institution, 20 faculty members attended orientation and refresher course, 40 attended seminars, workshops & conferences.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

a.) Faculty who received awards/recognition for excellence in teaching

Dr. A. M. Unnikrishnan (Dept. of Malayalam) – AIACHE ‘Best Teacher Award’ in 2008.

Dr. A.M.Unnikrishnan - Best College Teacher Award 2009 by Prof. S. Sivaprasad Foundation.

b.) Other awards/recognitions

- Prof. Jacob Kurian Onattu (Principal) – ‘Best College Principal Award’ 2012 – 13 Padmabhushan Dr. M. V. Pylee award 2012 – 13 for the Best Principal, sponsored by Kerala Higher Education Trust.
- Prof. Jacob Kurian Onattu- AIACHE National Vice President from 2008 onwards.
- Dr. Nibu A. George (Dept. of Physics) – Melpadom Attumalil Goergekutty Young Scientist Award-2012 by the The Marthoma Syrian Church of Malabar.

c.) Patents obtained and filed(process and product) (Dept.)

- * Dr. Nibu A George (Dept. of Physics) – International Patent on LED lighting: light source comprising a light emitter arranged inside a translucent outer envelop (International Publication No.**WO2010/128419 A1, Dated 11/10/2010**).
- * Prof. Varkey Mathew: Patent has been granted for the work entitled ‘Process For Making Polymeric Material of Cellulose Nanofiber from Wastes of Plantain and Banana Plants for the term of 20 years from the first day of November 2006 Date of Grant 21-12-2010. **India Patent No. 244800**.

The management, Principal and the staff give encouragement to the faculty in all respects.

2.4.6 Has the institution introduced evaluation of teachers by the students and external peers? If ‘yes’, how is the evaluation used for improving the quality of the teaching-learning process?

There is no peer evaluation. But teachers are assessed by students in prescribed feedback forms and as per the suggestion generated therein, needed improvements are made. The management team also reviews the performance periodically.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The college provides all the required information about the evaluation methods in advance through the handbook/ website/ University site. Students also get more information from the respective departments regarding the pattern of questions, method of allotting marks etc. Previous years question papers are made available to the students from each department and are also available in the college co-operative society. Detailed information is also displayed on the notice board. Whenever examination reforms are introduced by the university, college conducts special orientation programmes in this regard. The internal tests are conducted on a common timetable basis.

The new CBCSS system envisages continuous internal evaluation, conduct of internal and external examinations and timely publication of results. The introduction of Grading System and 5 point scale evaluation would help gauge the ability of teachers to set question papers in tune with the educational policy of new curriculum and their ability to switch their thinking effortlessly from marks to grades, change from traditional false number system to bar coded answer scripts system; Uploading of results on university websites, reduces the chance for human errors due to many factors. Project work at the group level on various issues, and individual research projects enhance the research aptitude of students.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The institution and affiliating university has initiated major reforms in the field of examination when the CBCSS syllabus was introduced for the UG and the PG.

University level evaluation reforms:

- Most parts of the examination process is computerized and made online.

- The affiliating university website has a separate online examination link, each college is provided with separate user name and passwords.
- The admission tickets (hall tickets) of students are generated online.
- The internal marks of students are entered online.
- The answer booklets have been reduced to smart size with fixed number of pages. No additional sheets are provided.
- The answer booklets are printed with barcode technology to maintain transparency.
- The examiners are given permanent examiner code that has to be entered in the consolidated grade sheet submitted after evaluation.

College level evaluation reforms – Conduct of timely internal examinations, periodic class tests, assignments, group level and individual level seminars, proper supervision of the project work of students. Effective clustering of students for group learning, special coaching classes for weak and backward students, student feedback on teaching and evaluation process. Conduct of two internal examinations per semester by the institution and the University examination at the end of each semester, both for theory and practicals, and uploading of the internal GPA on the university website.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

Through regular conduct of the above mentioned activities through students, faculty and PTA support.

2.5.4 Provide details on the formative and summative evaluation approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system. Formative learning methods – class room teaching, computer based collaborative learning, seminars: Summative learning methods – periodic class tests, peer evaluation individual assignment tasks, term end examination etc.

Positive impacts

1. To assess or grade educator's level of learning in a certain period of time.
2. It tends to stress what students can do rather than what they cannot.
3. It provides descriptive analysis i.e, in order to give a grade, all the activities done throughout the year is taken into account.
4. To point out the weakness of students.

2.5.5 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the student's

results/achievements (programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

Result Analysis of the students (2008-2012)

Institutional Average (UG+PG)	Year			
	2008-09	2009-10	2010-11	2011-12
80.20	76.08	78.45	84.21	

The internal assessment marks of the students are displayed on the notice boards of the Departments in the institution, which is also made available online by the affiliating university through its website.

Table 2.5.5 (11) Pass % of UG Programmes for the last 4 years

Sl.No	Programme	Year				
		2008-09	2009-10	2010-11	2011-12	2012-13
1.	B.Sc. Physics	100.00	95.65	92.31	88.00	95.45
2.	B.Sc. Chemistry	80.00	60.61	82.35	87.88	86.21
3.	B.Sc. Mathematics	93.94	64.71	82.35	96.97	83.33
4.	B.Sc. Botany	77.27	87.10	95.83	82.76	96.15
5.	B.Sc. Zoology	83.33	66.67	92.00	75.00	80.95
6.	BA English	85.71	77.78	85.37	88.68	92.16
7.	BA Economics	85.00	82.35	81.40	80.39	68.09
8.	BA Politics	80.65	90.70	43.90	63.16	76.92
9.	BA Malayalam	100.00	96.55	96.15	77.78	92.86
10.	B.Com. Regular	70.00	69.09	71.19	98.11	98.08
11.	B.Com Vocational	87.88	91.89	84.21	97.22	100
12.	Institutional Average	84.80	79.80	80.05	85.71	88.35

Analysis of the student's results/achievements (UG)

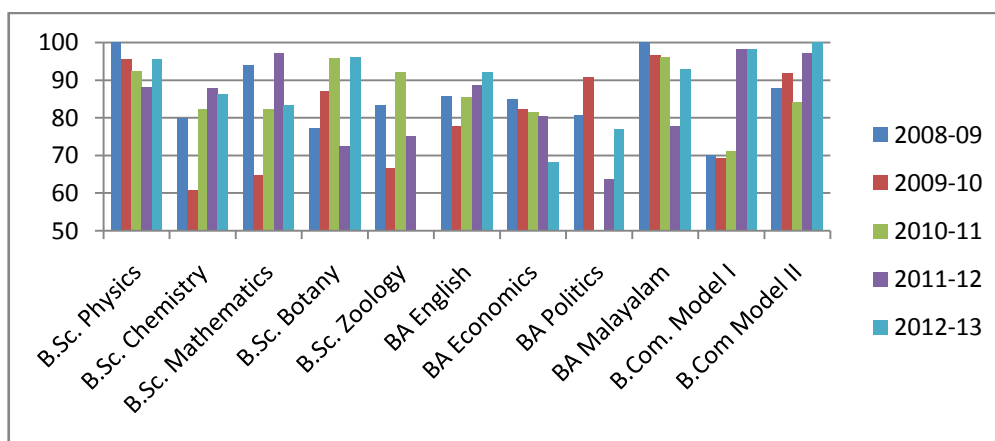
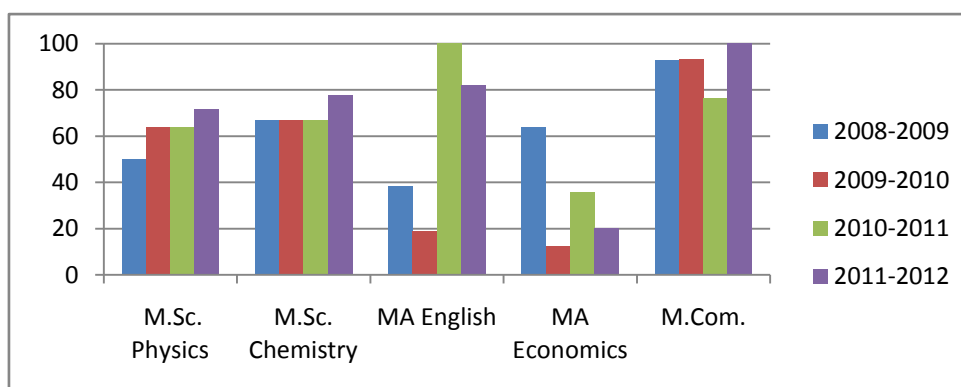


Table 2.5.5 (12) Pass % of PG Programmes for the last 4 years

Sl.No.	Programme	Year			
		2008-09	2009-10	2010-11	2011-12
1.	M.Sc. Physics	50.00	63.64	63.64	71.43
2.	M.Sc. Chemistry	66.67	66.67	66.67	77.78
3.	MA English	38.10	18.75	100	81.82
4.	MA Economics	63.64	12.50	35.71	50.00
5.	M.Com.	92.86	93.33	76.47	100
	Institutional Average	60.00	54.41	69.86	77.27

Analysis of the student's results/achievements (PG)



2.5.6 **Detail on the significant improvements made in ensuring rigour and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (behavioral aspects, independent learning, communication skills etc.)**

Behavioural aspects: Social and emotional skills of students increased, the active learning skills of students increased, the research aptitude of students increased, problem based learning of students increased

Independent learning: Enhanced the skill of teachers to develop students as more independent learners, how to think through a solution, not to work in isolation, able to express a wide range of thoughts

Objective assessment: Direct, self assessment and also diagnostic assessment to test the ability of students

Performance based assessment: Create, produce or do something in settings that involve real world application of knowledge and skills.

2.5.7 **Does the institution and individual teachers use assessment /evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples. Yes.**

Details of the process: The institution and individual teachers use evaluation as an indicator for evaluating student performance achievement of learning objectives and

planning. University communications regarding the conduct of examinations, internal assessments etc. are circulated among the faculty and students. The schedules of examinations are given in the college calendar. The faculty explains the methods of testing and internal grading system to the students. The students are informed about the importance of Continuous Internal Assessment. Every month, the consolidated Attendance Report is prepared and intimated to the students. Students lacking in attendance (below 75% attendance) are advised to attend classes regularly and put in the required percentage of attendance for taking university examination.

Examples: The introduction of CBCSS by the university has brought in internal and external examination in all the papers in a ratio 25:75. The grade obtained in external university examinations and for internal examinations is found to be equal in 90% of the cases. The students who get A grade in all the courses for the internal examinations and internal assessment (five point grading system) were found to be the toppers with A or A+ in seven point grading of the final result, published by the university. The present CBCSS system of continuous evaluation of students (5 point scale (A, B, C, D, E) in CGPA and 7 point scale (A+, A, B+, B, C+, C, D) in SGPA) is an effective indicator for evaluating student performance, achievement of learning objectives and planning.

2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation both at the College and University level?

College Level: The internal assessment marks of the students are announced by each department before they are submitted to the university. If the students have any complaints they will approach department heads/Principal if necessary.

University Level: After the announcement of results, if the student is not satisfied with the grades obtained, he has the option of appealing for revaluation.

2.6 Student Performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these? Yes.

Result analysis is published. The academic performance of the student is evaluated periodically. PTA meetings are arranged and the parents are informed about the attendance and performance of their wards. Parents are contacted for serious issues and meticulous efforts are jointly taken by the teachers and the parents for the progress of the students. Orientation to students and teachers are conducted periodically.

2.6.2 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

- Effective parent-teacher interaction
- Teaching plan – Developing a plan of action by each department regarding the syllabus coverage. Check whether planning is effective or not.
- Identifying slow and advanced learners and addressing their needs. Remedial coaching
- Fair and transparent evaluation and continuous evaluation. Conducting two internal examinations, results presented in class PTA, on the basis of that special and remedial classes are arranged. Incorporation of methods like student’s seminars, field trips, industrial visits, student projects etc. Screening of films, use of information and communication technology in teaching learning process.
- Attendance of students is monitored. Students with low percentage of attendance are called and warned regarding the same and the parents are informed about the matter.

2.6.3 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

NCC, NSS, different clubs, PTA, Tutorial System entrepreneurship development club, Career guidance / Placement cell, Baselius Researcher – Journal.

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

Result analysis is conducted after the examinations. Weaker students are given special remedial coaching. Retests are conducted for those students who have failed in the examination and prepare them for better performance.

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes

The institution ensures it through yearly analysis of results, placements, competition results, NET, SET, NCC, NSS, Sports, two internal examinations, assignments, seminars, projects, debates etc. The number of students who are eligible for higher studies increase, but only few of them get higher grade [A or A+].

2.6.6 What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

The graduate attributes are given in the vision and mission statement of the college. Due attention is given in building an emotionally and morally upright personalities among the students. Institution provides plenty of opportunities through NCC, NSS, clubs, MGOCSM, Career Guidance Cell, Orientation Classes to acquire exposure and life skills other than the routine syllabus.

**CRITERION III:
RESEARCH, CONSULTANCY AND
EXTENSION**

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research centre/s of the affiliating University or any other agency/organization?

The Post Graduate Dept. of English has a research centre for Ph.D. in English under Mahatma Gandhi University with three Research Guides. The scholars have registered themselves as full time/part-time researchers under the FIP or otherwise. Seven Ph.Ds were awarded and two researchers have submitted Ph.D. theses.

3.1.2 Does the institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

(a) There is a Research Guidance Committee to monitor research activities - established in 2000. Main issues are to motivate faculty to do research and higher studies; to be registered as Research Guides (based on various university norms); to verify the feasibility of research proposals and approve valid research proposals; to monitor ongoing projects undertaken by different departments and also promote new projects; publication of the Research Journal - *Baselius Researcher* (ISSN No. 0975-8658) to organize research methodology classes for research scholars and those interested and engaged in research under the auspices of Research Forum; to encourage the publication of papers by faculty and research scholars and initiate discussion on the topics.

(b) Composition: The committee includes the recognized guides of the Centre for Research in English, all research guides of this college, and all the doctorate holders who are the faculty of this college.

(c) Implemented Recommendation: The formation of the core committee named as 'Research Forum' to organize classes and invited lectures of eminent personalities from outside the college for research scholars and PG students.

(d) Impact: The increased enthusiasm of Researchers and PG students in areas of research is evident in the increasing number of publications, such as publication of the research journal – *Baselius Researcher* (ISSN NO. 0975-8658) and paper publications.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- a) Autonomy to the principal investigator: Decision of the topic, the strategies and methods adopted, the allocation of the UGC financial assistance, the decisions regarding co-investigators in major research project etc.
- b) Timely availability or release of resources: The funds for UGC sponsored projects are released timely and at the time stipulated, for the completion of the project.

c) Adequate infrastructure and human resources

Infrastructure: Availing of the Institutional infrastructure and college library facilities; Department library facilities; Research Centres under Dept. of MG University where faculty and scholars are engaged in research.

Human Resources: Guidance and assistance given by research guides who have registered in the respective centre. Research scholars in English make use of the guidance of faculty registered in the Dept. of English (Research Centre); Orientation given by resource persons under the auspices of Research Guidance Committee; resource persons invited for the National Seminars and Workshops of the different disciplines; The resource persons for invited lectures by different Depts. (on different subjects), eminent alumni of different subjects enriching the college with academic programmes etc.

- d) Time-off, reduced teaching load, special leave etc. to teachers: In the current plan period there is no provision for time off and reduced teaching load. However there is special leave facility, under the scheme FIP of UGC.

Faculty availed special leave (FIP) for completion of Research (PhD)

2007-2008	Dr. Shyla Abraham (Dept. of Malayalam)	2008-2009	Dr. Suma Bino Thomas (Dept. of Chemistry)
	Dr. Annie Mathews (Dept. of Chemistry)		Dr. P.M. James (Dept. of Commerce) Dr. Nirmala Joseph (Dept. of Physics)
2009-2011	Dr. Jyothimol P. (Dept. of English)	2012-2014	Prof. Sindu Johns (Dept. of Physics)

- e) Support in terms of technology and information needs: Well equipped college library; well equipped Dept. libraries; full-fledged computer and IT Lab facility. Dept. of Zoology has a well equipped research lab of Microbiology (Microbial inoculant Lab), Bioinformatics and Computer lab started with the aid of UGC. Dept. of Botany has a Bioinformatics lab. Dept. of Physics has Electronics lab and Computer lab; Internet facility is available in all departments for students, research scholars and teachers throughout working hours; access for college community to online library.
- f) Facilitate timely auditing and submission of utilization certificate to the funding authorities: Perfect auditing system functioning in the college office and departments for submitting the utilization certificate to the funding agencies properly counter checked at the appropriate time. (As stipulated by the UGC).
- g) Any other: Publication of Baselius Researcher (ISSN No. – 0975 - 8658) promoting research articles from teachers, scholars, PG students etc from the college and other institutions; CD Library installed, with the CDs of Doctoral Thesis of all the faculty (Doctorate holders) from MOC colleges and other neighboring colleges; Initiation of the Research Forum to facilitate paper presentation, discussions and deliberations on research topics of current relevance and also those topics already pursued by Research Scholars.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The efforts made by the institution are orientation programmes for students on different topics and association activities, workshops and seminars, participation of faculty and students in National Seminars organized by other institutions, department wise discussion and deliberations on relevant topics (Current knowledge in each discipline), biannual publication of the interdisciplinary research journal 'Baselius Researcher', publication of research articles by faculty and scholars in research journals of other institutions. The college general library and department level libraries subscribe many national and international journals and periodicals with reference to research activities. The scholars and students can have online facility and hard copies.

Access is provided for research scholars to MG University Research library and libraries of all affiliated research centres. Science students make use of Research Labs in their departments and centres of research (Dept. of English, Dept. of Zoology, Dept. of Sanskrit, Dept. of Chemistry and Dept. of Physics). The functioning of the Research Forum, which periodically conducts programmes for PG students and Research scholars. The postgraduate and the undergraduate students have short term research projects as part

of their curriculum. They have to submit project reports, have to make PowerPoint presentations and appear for viva-voce before the external examiners in connection with their project evaluation. The interaction of the supervising teachers and the students who do the project work help in developing scientific temper, research culture and aptitude among students.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)

Details of Research Guides and Research Scholars under their guidance is given in Table 3.1.5 (13).

Name of the Research Scholars	Title of thesis [Ongoing/Year of Award]
1. Research Guide: Dr. Susan Panicker, Dept. of Zoology	
1. Nisha S Babu	Effect of Vermicompost Enriched with Different Microbial Fertilizers on the Growth and Yield of Brinjal [Ongoing (2008 onwards)]
2. Suja Mathews	Studies on Bacteriocins. [Ongoing (2012 onwards)]
3. Dr. Razia S. Ebrahim	Identification, Isolation of Actinomycete Frankia on the Growth of <i>Casuarina</i> sp of Kerala [Awarded PhD in 2008]
4. Dr. Sangeetha S	Studies on the Effect of Arbuscular Mycorrhizal Fungi on the Growth Performance of Cow Pea <i>Vigna unguiculata</i> [Awarded PhD in 2009]
5. Dr. Elizabeth Basil	Resident Bacterial Flora of Freshwater Fishes and Prevalence of Bacterial Activity in Integrated Farming [Awarded PhD in 2010]
2. Research Guide: Dr. P.V. Viswanathan Nampoothiri, Dept. of Sanskrit	
1. Satheesh Kumar Kandoth	Idioms and Phrases of Bhasha- a Critical Study [Ongoing (2009 onwards)]
2. Sajeevkumar S.	Adwaita Sidhi and Nyayamrutatarangini-A comparative Study Limited to Mithyatva [Ongoing (2008 onwards)]
3. M N Prasanna Antharjanam	Anviksiki Disa Bhagavatha Puranasya Pathanam. [Awarded PhD in 2011]

4. Sunil Angadickal.	Cities Mentioned in the Pancamahakavyas-A Study <i>[Ongoing (2009 onwards)]</i>
5. Harikrishna Sharma K.N.	A Concept of Dream.A study Based on Yogavasistha and C.G.Jung. <i>[Awarded PhD in 2012]</i>
6. Induja	Manusmritis on Public Interest and Present Public Interest Litigation <i>[Ongoing (2008 onwards)]</i>
7. Vijayaraj K.U.	A Critical Study of Taitiriyopanishad with Reference to Panchakosha Sidantha. <i>[Ongoing (2008 onwards)]</i>
8. Syam M.S.	The Relevance of Teaching of Kathopanishat in Modern Life. <i>[Ongoing (2009 onwards)]</i>
3. Research Guide: Dr. Varghese Leena, Dept. of English	
1. Jishamol Alex	Women and Ecology in the Selected Works of Kamala Das and Sugatha Kumari. <i>[Ongoing (2006 onwards)]</i>
2. Trisina M. Alapatt	Undefined Boundaries of Self: Gender, Culture and Resistance in Selected Works of Maxine Hong Kingston and Sandra Cisneros. <i>[Submitted thesis in 2012]</i>
4. Research Guide: Dr. Alexander Raju (Retd. from Dept. of English, Baselius College)	
1. Fr. Jyothis P Kuruvilla	Photographing a Green Purvivalist Perspective. An Eco-Aesthetic Approach to “The Book of Prophet Isaiah” <i>[Submitted thesis in 2012]</i>
2. Dr. Jyothis P.	Texts, Counter-Texts and Inter-Texts: An Analysis of Inter-textuality in Jean Rhy’s <i>Wide Sargasso Sea</i> and JM Coetzee’s <i>Foe</i> . <i>[Awarded PhD in 2012]</i>
3. Dr. Laly Mathew	Fantasy and Violence in the selected fiction of J.K.Rowling and J.R.R. Tolkien. <i>[Awarded PhD in 2010]</i>

Details of Research Projects undertaken by the faculty is given in *Table 3.1.6 (14)*

Grant (Rs.)	Project Title & Period of Investigation
Dr.P.V. Viswanathan Nampoothiri (Dept. of Sanskrit) (Principal Investigator)	
1. (Major Research Project) UGC ‘Influence of Balaramabharata In Koodiattom’ Ongoing (1/2/2011-31/1/2013) (3 years)	
2. (Major Research Project) UGC ‘Keraliya Thandara Vidhya and Its relevance in Modern Society’. Completed on 4-5-09 (2007- 2009) (2 years)	

Dr. Nibu A. George (Dept. of Physics) (Co-investigator)
(Major Project) Kerala State Council for Science, Technology and Environment, Government of Kerala. 'Investigation on Application of Photothermal Effect in Material Science and Biophotonics'. (2012-2015)
Dr. Jalaja J Malayan (Dept. of Chemistry) (Principal Investigator)
(Minor Research Project) UGC 'Surface Characterization, Electron Donating, Acid Base Properties and Catalytic Activity of Mg/Zn Mixed Oxides' Ongoing (2012-2014) (2 years)
Dr. Susan Panicker (Dept. of Zoology) (Principal Investigator)
(Minor Research Project) UGC 'The Effect of Vermicompost with Different Microbial Fertilizers on the Growth and Yield of Brinjal' MRP(S) – 994/10-11/KLMG031/ UGC – SWRO Ongoing (2011- April 2013) 1/03/2011 - 31/04/2013 (2 years)
Dr. Annie Mathews (Dept. of Chemistry) (Principal Investigator)
(Minor Research Project) UGC 'Synthesis of Alpha Formylketene Dithioacetal Mediated Novel Pyrimidine Derivatives'. Ongoing (2011-2013) (2 years)
Dr. Annie Cherian (Dept. of Statistics) (Principal Investigator)
(Minor Research project) UGC 'Model-Learned And Model-Free Schemes For Monitoring Means And Variants Of Auto Corrected Data'. Ongoing (2011-2013)
Prof. Elsa .C. Maria Sebastian (Dept. of English) (Principal Investigator)
(Minor research Project) UGC 'Post Modernity and the Nonhuman Animal: A Search for Philosophical Framework for Animal in the 20 th Century World'. Ongoing (2011-2013)
Dr. P.M. James (Dept. of Commerce) (Principal Investigator) & Prof. Manoj Narayanan K.S. (coinvestigator)
(Minor Project) MRP (H) 1998/11-12/KLMG031/UGC-SWRO 'A Study on Evaluation of Effectiveness in the Implementation of the Mahatma Gandhi National Rural Employment Guarantee Scheme, as a measure of poverty alleviation in Kerala State'. Ongoing (2012-2014) (2 years)
Dr. V. A. Philip (Dept. of Malayalam) (Principal Investigator)
(Minor research project) UGC 'Tradition of Satire In Malayalam Literature and Its Contemporary Relevance' Completed in 2011 (2 years)
Dr. Shyla Abraham (Dept. of Malayalam) (Principal Investigator)
(Minor Research Project) UGC 'Indian Tradition In Vishnu Narayanan Nampoothirithri's Poems And Contemporary Relevance' Completed in 2011 (2 years)

Dr. Daisy Joseph (Principal Investigator) & Dr. Annamma Kurian (Co- Investigator) (Dept. of Chemistry)
(Minor Research Project) UGC NR/Acrylonitrile and NR/PMMA ‘Graft Polymer Synthesis and Characterization.’ Completed (2006-2008) (2 years)
Dr. Jalaja J Malayan (Dept. of Chemistry) (Principal Investigator)
(Minor Research Project) UGC ‘Characterization, Acid-Base Properties and Catalytic Activity of Magnesia Alumina Mixed Oxides’. Completed (2006-2008)
Dr. Varghese Leena (Dept. of English) (Principal Investigator)
(Minor Research Project) TRADA ‘Psycho-spiritual needs of the Tsunami Affected People of Ward Nos.1&15 of Kuthiathode Panchayath of Alleppey District’. Completed (2007-2008) (1 year)

3.2 Details of faculty engaged in individual/collaborative research activity

- a) The following teachers were awarded PhD during the period 2007-2012 for their individual research activity.

2008	Dr. Annie Mathews (Chemistry)	Dr. Annie Cherian (Statistics)
2009	Dr. Suma Bino Thomas (Chemistry)	Dr. P.M. James (Commerce)
	Dr. Shyla Abraham (Malayalam)	
2010	Dr. Nirmala Joseph (Physics)	2012 Dr. Jyothimol P. (English)

- b) Collaborative research activity - Faculty engaged in Research activities in Research centres affiliated to Mahatma Gandhi University inside and outside the institution – Refer Table 3.1.5 (13)

3.1.6 **Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.**

Total Number of Seminars/Workshops Conducted

- Dept. of Chemistry** conducted UGC sponsored National Seminar on Modern Trends in Organic Chemistry, on 23&24 February 2012
- Dept. of Economics** – UGC Sponsored 2 days National Seminar on European Economic Crisis and its implications for India, on 4 and 5 August 2011.
- Dept. of Physics** – UGC sponsored 2 days national seminar on Mesmerisms in Optoelectronics, on 11, 12 July 2011

4. **Dept. of Zoology** - UGC sponsored 3 days workshop on 'Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus - August 11, 12,13, 2011
5. **Dept. of English** conducted a UGC sponsored National Seminar on Literature and Psychology, on 1-1-2012
6. Prof. Rajaram Menon Memorial Lecture by the **Dept. of English** during the last 4 years 2009, 2010, 2011 and 2012. Topic; Ethics, Governance, of civil society; contemporary issues; Resource persons-DR. D. Babu Paul IAS, Dr. Sukumar Azhikode and Dr. K.S. Radhakrishnan.
7. Prof. Manju Mathew memorial lecture by the **Dept. of English** on 30 September 2011.Topic; Daunting sophistication on willful obscurity. The aesthetic challenge to literary theory. Resource person Dr. M. V. Narayanan. Earlier Resource Persons were Dr. Jancy James, Dr. Scaria Zacharia, Prof. C.S. Jayaram etc.
8. **Dept. of Commerce** conducted 'Prof. M.C. Jacob Memorial Lecture', on 19 December 2011. Sri. C.A.Prasanth Sreenivas delivered the keynote address on the topic 'Recent Trends in Commerce Education'
9. **Dept. of Chemistry** - One day seminar on Molecular Spectroscopy by DR. S. Sugunan of Cochin University of Science and Technology (2010)
10. **Dept. of Economics** - Seminar on Global Economic Crisis by Dr. Mathew Kurian, visiting Prof, School of International Relations, M.G. University, Kottayam, on 8 July 2010
11. **Dept. of Economics** - A seminar on 'Kerala Development – My Perspective' was held on 15 December 2010. Shri K.C. Joseph MLA (DCC President, Kottayam), Sri. V.N. Vasavan MLA and Sri George Kurian (State spokesperson, BJP) presented their views on Kerala's Economic Development.
12. **Dept. of Physics** - Seminar on Perspectives in Physics-Prof. Dr. C.S. Menon (2011)
13. **Dept. of English** – conducted Prof. P. Rajaram Memorial Lecture chaired by Hon. Vice Chancellor Dr. Jancy James, Central University, Kasargod on, 16 October 2010
14. **Dept. of English** – Prof. Manju Mathew Memorial Lecture chaired by renowned writer Dr. Sr. Jesme, Former Principal, Vimala College, Thrissur on, 29 November 2010
15. **Dept. of English** - A Two day UGC sponsored National Seminar on 'Language and Representation: The Mystique of Interpretation' 14 and 15 January 2011.

16. **Dept. of Chemistry** - Seminar on New Vistas in Chemistry for teachers, on 1-5 March 2009
17. **Dept. of Zoology** organized a one day seminar on 5/8/2008, “Telomere, Telomerase and Cancer” a topic related to Cancer Research by Dr. Jacob Naduparambil, School of Medicine, O’ho State University USA- an alumnus of this department.
18. **Dept. of Zoology** organized “Animal Science Congress-2008” on 29/08/2008, in which Intercollegiate research paper presentation competition for UG and PG students were conducted.
19. **Dept. of Chemistry** – Seminar on Electro Analytical Method for teachers and students, on 14 March 2007
20. **Dept. of Chemistry** – Seminar on Newer Techniques in Organic Reaction Mechanism for PG and UG students, on 19 November 2007
21. **Dept. of English** – National Seminar on ‘Transcending Borders and Cultures: Transaction and Interdisciplinary studies’ (UGC sponsored) for teachers and students, on 26 February 2007 to 27 March 2007

3.1.7 Provide details of prioritised research areas and the expertise available with the institution

Table 3.1.7 (15) Priority areas for research & Expertise available
(1) Dr. Susan Panicker, Sub: Zoology (Agricultural Microbiology & Medical Microbiology)
(2) Dr. P.V. Viswanathan Nampoothiri, Sub: Sanskrit Vyakarana.
(3) Dr. Varghese Leena, Sub: English (American Literature)
(4) Dr. Alexander Raju (Retd. from Baselius College) British Fiction
(5) Dr. Annie Margret (Centre for Research, English) Black Literature

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

- Inviting them as resource persons for National Seminars, Workshops, Conferences, Science congress etc.
- Including their articles in the Research Journal of the college.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Not Applicable

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community(lab to land)

- **Patent:** (1.) Prof. Varkey Mathew (Dept. of Chemistry): Patent has been granted for the work entitled *Process For Making Polymeric Material of Cellulose Nanofiber from Wastes of Plantain and Banana Plant Waste* for the term of 20 years from the first day of November 2006, Date of Grant 21-12-2010, India Patent No:244800.
- (2.) Dr. Nibu A George (Dept. of Physics) – International Patent on LED lighting: light source comprising a light emitter arranged inside a translucent outer envelop (International Publication No.**WO2010/128419** A1, Dated 11/10/2010)
- **As Resource Persons:** Lectures conducted by research faculty and lectures for other communities (inside the college and neighboring colleges). Faculty as resource persons in seminars/workshops etc.
- * Dr. Susan Panicker was a resource person in the UGC sponsored National Seminar on ‘Recent Development in the Field of Microbiology Cancer Biology and Epidemiology’ at BCM College on 1 and 2 July 2011. Topic: Public Health and Water Quality Management.
- * Dr. Susan Panicker was a resource person in the UGC sponsored three days workshop at Baselius College, Kottayam on ‘Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus - August 11, 12, 13, 2011. Topic: Reflection on Modification of Syllabus – Theory and Practicals.
- * Dr. Biju Thomas (HOD, Physical Education Dept., Baselius College, Kottayam) was the resource person in the UGC sponsored three days workshop at Baselius College, Kottayam on ‘Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus - August 11, 12, 13, 2011. Topic: Sports Physiology – Effect of exercise on various systems on the body.
- * Dr. Viswanathan Nampoothiri was the resource person in the National Seminar on Transcending Borders and Cultures: Translation and Interdisciplinary Studies (UGC sponsored) for teachers and students at Baselius College, Kottayam on 26, 27 March 2007. Topic: Translations of Sakunthalam a Comparative Approach.

- * Prof. Varkey Mathew: ‘Cellulose Nano fibre from banana and plant waste’, at the Incubation Programme conducted by IIT Bombay, Alumni Association, Pune Branch held at Pune, 25 and 26 October 2007.
- * Prof. Varkey Mathew: Did a presentation and exhibition of New nano fibre material invented in innovations 2008 conducted by IIT alumni association, Pune on January 4-7, 2008.
- Publications: Publication of research journal (Baselius Researcher)
- Papers in reputed journals: Refer 3.4.3
- Presentation of research articles in national and International Seminars of other institutions sponsored by UGC, MG University and other agencies. Refer 3.4.3

3.2 Resource Mobilization for Research

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

The management provides infrastructure and electricity, phone charges, expenses towards publication of the research journal ‘Baselius Researcher’ every year. The expenses calculated in this account are 2 lakhs per year and this is 0.1 percentage of the total budget of the management. In addition to this the institution was able to gain funds from UGC for the purchase of equipments, renovation of research labs and substitute salary for teachers working in the FIP vacancies.

Baselius Researcher – Rs. 70,000/-, Research Journals & Research Books - Rs. 10,000/-, Infrastructural facilities – Rs. 50,000/-, Total budget of the college – 1 crore, Budget earmarked for research – 2 lakhs

(UGC funded projects and FIP salary are not included)

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

There is no provision in the institution to provide seed money to the faculty for research. However the management has contributed Rs. 1 lakh each for the renovation of the Bioinformatics and Computer labs in the department of Zoology and Botany during the last five years. The other departments have also received assistance from the management for the purchase of furniture, to meet the expenses for the conduct of seminars and such other programmes. The departments get financial assistance from

the management for the annual maintenance and repair of the laboratory equipments and computers. The faculty researchers and the students are permitted to use the infrastructure and laboratory equipments and computers for their research projects.

3.2.3 What are the financial provisions made available to support student research projects by students?

- Major research project by Dr. P. V. Viswanathan Nampoothiri – Research scholar was appointed as Co-investigator, with a monthly financial assistance of Rs.8000/-
- All research scholars met their expenses for chemicals, glass wares and travel expenses for field study of Ph.D. work by utilizing the financial assistance of the UGC minor research projects undertaken by their Research guide Dr. Susan Panicker, as the Principal investigator, and themselves as co-investigators.
- The institution encourages the students to undertake short term research projects in the college laboratory under the guidance of the faculty members. The projects are done at the expense of the college management. The UG and PG students of the science stream have to complete one compulsory research project in partial fulfillment of their degree and PG programmes. They utilize the equipments, chemicals, glasswares, electricity and the expertise available in the institution without any special payment.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking interdisciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Inter disciplinary National Seminars / Workshops organized by different departments

1. Literature and Psychology (Dept. of English 2012 March 8,9) UGC sponsored
2. European Economic Crisis and its implications for India (Dept. of Economics & Commerce, 4, 5 August 2011) UGC sponsored
3. Mesmerisms in Optoelectronics (Dept. of Physics, 11,12 July 2011) UGC sponsored
4. Modern Trends in Organic Chemistry (Dept. of Chemistry, 23,24 February 2012) UGC sponsored
5. Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus. (Dept. of Zoology, 11,12,13 August 2011) UGC sponsored
6. Seminar conducted by the Depts. of Malayalam and Sanskrit on 'Eastern Aesthetics'

Inter-disciplinary publications

7. Publication of the biannual inter-disciplinary journal 'Baselius Researcher' (Biannual)
8. Inter-disciplinary paper presentation and publication in International and National Seminars and Journals, respectively of other colleges by the faculty and research scholars of the institution

Inter-disciplinary research works

9. Students (especially of the PG classes) are encouraged to take up dissertations and projects of inter-disciplinary nature.

Eg: Project by Chemistry students connected to Pharmacy Dept. associated with KSDP (Kerala State Drugs and Pharmaceuticals, Kalavoor).

10. An example of successful endeavour of undertaking inter-disciplinary research.
 - Dept. of Zoology - Though not an approved research centre, inter-disciplinary research activities are going on under the guidance of Dr. Susan Panicker (HOD of Zoology department), an approved research guide in Microbiology of Mahatma Gandhi University. Three research scholars were awarded Ph.D in topics on Agricultural Microbiology and one completed work.
 - Research projects of Dr. P. V. Viswanathan Nampoothiri – incorporates indigenous art forms, techniques etc (Koodiyattom, Thandra vidya)
 - Research topics under guides like Dr. Alexander Raju, Dr. Verghese Leena etc include topics of interdisciplinary nature – Psychology, Ecology, Environmentalism, Feminism etc.

Challenges: An example of challenges faced in the successful endeavour. The students who have completed their PhD programme (inter-disciplinary) had to face many challenges. They had to depend on various research laboratories of various research institutions at Coimbatore, Tamilnadu, RARS Kumarakom, Agro Research Station Kottayam, School of Environmental Science, MG University etc. to complete their work. This efforts have helped in better exposure and valued outcome of their research work, though there was a lot of inconvenience in terms of money and time.

Other Challenges – General: Infrastructural and material in availability, unawareness of possibility and productivity of such endeavours, lack of funds for involving in such research. Employment opportunity was also not attractive.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

General Library & Department level library: Full-fledged, fully automated library facilities are available to the students, staff and research scholars. The library hours start from 09.00 am to 05.00 pm on all working days. On-line library facility is provided by the college, for all departments. National and International Research Journals are subscribed in the general library and department library. The departments also have a library collection of books purchased from financial sources other than UGC (management fund, PTA and department development fund from well wishers). Hard copies of the Research thesis are kept in the concerned Research departments.

Laboratory: All the four science departments have full-fledged well equipped laboratories. The PG department of Chemistry completed one add-on course 'Water Management' under UGC scheme during 2007-2008. The financial assistance also received in terms of PG grant and general assistance from UGC during the 11 plan period helped to improve the facilities.

The PG department of Physics completed one add-on course 'Computer Hardware Maintenance & Networking' under UGC scheme during 2008-2009. The financial assistance also received in terms of PG grant and general assistance from UGC during the 11 plan period helped to improve the facilities. The UG department of Botany completed one add-on course 'Natural Rubber Production' under UGC scheme during 2008-2009. The financial assistance also received in terms of UG grant and general assistance from UGC during the 11 plan period helped to improve the facilities.

The UG department of Zoology has completed major project and has ongoing minor research projects under UGC scheme during 2008-2012. The financial assistance also received in terms of UG grant and general assistance from UGC during the 11th plan period helped to improve the facilities. The Zoology department was able to receive a special grant of Rs. 7 lakhs to improve the facilities of the Microbiology lab into an AC Microbial Inoculant Research lab and to make a Bioinformatics and Computer lab.

The facilities of these laboratories are open to all staff and students of the institution with special interest in research activities. OHP, LCD and Laptops

purchased under various schemes of UGC are installed in the seminar hall and mini auditorium and they are also made available to all departments on request.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

Yes. The College makes use of financial assistance from various funding agencies. UGC grant is the major source of financial assistance to promote research. The funds are utilized for renovation of laboratory, library facilities and purchase of equipments and instruments. PG grant was received for Chemistry, Physics and English departments. Special grant of Rs. 7 lakhs for the renovation of Microbiology Research Lab and Bioinformatics Lab from UGC helped to improve research facilities in the Dept. of Zoology.

The teachers who are engaged in minor and major research projects give the books and equipments purchased from UGC grant to their respective departments on completion of their project work. This practice is helpful to improve the laboratory and library facilities. UGC – Major and Minor research projects under taken (Ref. Table 3.1.6 (14)).

3.2.7 Enumerate (a) the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. (b) Provide details of ongoing and completed projects and grants received during the last four years.

(a) The Principal, Research Guidance Committee and the UGC fund utilization committee give timely information through circulars and notices to all departments and they monitor ongoing projects undertaken by different departments and also promote new projects.

(b) *Table 3.3.7 (16)* - Details of ongoing and completed projects and grants received during the last four years.

Duration Year From To	Title of the project	Name of the funding agency	Total grant Sanctioned	Total grant received till date	Name of the principal investigator
Minor Projects					
2012-2014	Surface Characterization, Electron Donating, Acid Base Properties and Catalytic Activity of Mg/Zn Mixed Oxides	UGC	1,72,000	1.5 lakhs	Dr. Jalaja J Malayan (Dept. of Chemistry)

2011-2013	Synthesis of Alpha Formylketene Dithioacetal Mediated Novel Pyrimidine Derivatives	UGC	1.75 Lakhs	1.5 Lakh	Dr. Annie Mathews (Dept. of Chemistry)
2011-2013	Leared and Model-Free Schemes for Monitoring Means and Various of Auto Corrected Data.	UGC	1.6 Lakhs	1.35 Lakhs	Dr. Annie Cherian (Dept. of Statistics)
2011-2013	Post Modernity and the Nonhuman Animal: A Search for a Philosophical Framework for Animal in the 20 th Century World.	UGC	1 lakh	70,000	Prof. Elsa .C. Maria Sebastian (Dept. of English)
2009-2011	Tradition of Satire In Malayalam Literature and Its Contemporary Relevance	UGC	70,000	70,000	Dr. V. A. Philip (Dept. of Malayalam)
2009-2011	Tradition in Vishnu Narayanan Nampoothirithri's Poems and Contemporary Relevance	UGC	75,000	75,000	Dr. Shyla Abraham (Dept. of Malyalam)
2005-2008	NR/Acrylonitrile and NR/PMMA Graft Polymer Synthesis and Characterization.	UGC	40,000	40,000	Dr. Daisy Joseph & Dr. Annamma Kurian (Dept. of Chemistry)
2005-2008	Characterization, Acid-Base Properties and Catalytic Activity of Magnesia Alumina Mixed Oxides.	UGC	65,000	65,000	Dr. Jalaja J Malayan (Dept. of Chemistry)
2007-2008	Psycho-spiritual needs of the Tsunami Affected People of Ward Nos. 1&15 of Kuthiathode Panchayath of Alleppey District.	TRADA	10,000	10,000	Dr. Varghese Leena (Dept. of English)
2011-2013	The Effect of Vermicompost with Different Microbial Fertilizers on the Growth and Yield of Brinjal.	UGC	1.40 Lakhs	1.05 Lakhs	Principal Investigator - Dr. Susan Panicker (Dept. of Zoology)

2012-2014	MRP(H) 1998/11-12/KLMG031/UGC-SWRO A Study on Evaluation of Effectiveness in the Implementation of the Mahatma Gandhi National Rural Employment Guarantee Scheme, as a Measure of Poverty Alleviation in Kerala State.	UGC	90,000	76500	Dr. P.M. James (Dept. of Commerce)
Major Projects					
1/2/2011 to 31/1/2013	Influence of Balaramabharata in Koodiattom	UGC	5,63,200	3,57,200	Principal Investigator - Dr.P.V. Viswanathan Nampoothiri (Dept. of Sanskrit)
2007-2009	Keraliya Thandara Vidhya and its relevance in Modern Society.	UGC	234700	234700	Dr.P.V. Viswanathan Nampoothiri (Dept. of Sanskrit)
2012-2015	Investigation on Application of Photothermal Effect in Material Science and Biophotonics. (2012-2015)	KSCS, Govt. of Kerala.	15,78,000	10,00,000	Dr. Nibu A George (Dept. of Physics)
Inter Disciplinary Projects & Industry sponsored: NIL					
Student Research Project					
1/2/2011 to 31/1/2013	Influence of Balaramabharata In Koodiattom	UGC	5,63,200	3,57,200	Co-investigator – Mr. Shyam
2011-2013	The Effect of Vermicompost with Different Microbial Fertilizers on the Growth and Yield of Brinjal.	UGC	1.40 Lakhs	1.05 Lakhs	Co-investigator – Mrs. Nisha S. Babu
Any other: NIL					

3.3 Infrastructure for Research

3.3.1 What are research facilities available to the students and research scholars within the campus?

The research facilities available are research centre (English), well-equipped general library and Dept. libraries, online facilities and library access, programmes such as national seminars, lectures, conferences, availability of CDs in the CD library (Research Thesis).

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- To find space for a special research library fully computerized, proving net facility and maximum no. of books on emerging areas of research. Hard copies of the current research thesis also will be furnished.
- To collect as many CDs as possible on the latest researches conducted in the different centres of the MG University.
- To upgrade all PG departments into research departments and to provide facilities for the research.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments/ facilities created during the last four years.

UGC Special Grant: Malayalam – 2 lakhs; Zoology Dept. – 7 lakhs (Microbiology Research Lab & Bio informatics lab installation), Chemistry (Funding for National Seminar).

3.3.4 What are the research facilities made available to the students and research scholars outside the campus/ other research laboratories?

1. Access to MG University library, other libraries of Research Centres inside and outside the State etc. (Public library, also made available)
2. NET coaching provided by department of English
3. Lab facility for science students made available in MG University and Research Centers.
4. National and International seminars properly attended by students and research scholars in other institutions and paper presentations and publications made.

3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for researchers?

- General Library: Books – 37,105, Journals – 27, Periodicals – 26, Newspapers - 8
- UGC Network Resource Centre: Computer Lab with Internet facilities, which can be utilized by the research scholars, teachers and students.

3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

- The Memorandum of Understanding (MOU) between the Tropical Institute of Ecological Sciences (TIES), Kottayam, Kerala and Baselius College, Kottayam was signed on December 2012 for a period of one year for collaborative academic and research programmes of TIES with Baselius College Kottayam on energy audit and

conservation programmes for the college, water audit and conservation programmes for the college, paper recycling project – paper bag manufacturing, selling (Earn while you Learn), healthy food campaign, walking and cycling promotion, my college, my nature project (Biodiversity survey, conservation), participation in Wild Flower show, 2012, waste management survey – biogas plant for food waste management, ‘peoples Research Project’ – an exclusive study on a local environmental issue using 100-200 students and 5-10 faculty members.

- Research centres of other MOC colleges are made available for research scholars. [Commerce Dept. (K.G. College, Pampady), Malayalam Dept. (Catholicate College, Pathanamthitta), Zoology Dept. (Catholicate College, Pathanamthitta), Hindi Dept. (Catholicate College, Pathanamthitta)]
- Modern lab facilities provided in the various Departments of the college. [Microbiology lab & Bio-informatics lab – Zoology, Computer lab – Physics, Language lab – English]

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

- **Patents obtained and filed(process and product)**

Prof. Varkey Mathew: Patent has been granted for the work entitled Process for Making Polymeric Material of Cellulose Nanofiber from Wastes of Plantain and Banana Plants for the term of 20 years from the first day of November 2006 Date of Grant 21-12-2010. India Patent No. 244800.

Dr. Nibu A George (Dept. of Physics) – International Patent on LED lighting: light source comprising a light emitter arranged inside a translucent outer envelope (International Publication No. **WO2010/128419** A1, Dated 11/10/2010)

- **Original research contributing to product improvement**

- * Zoology Dept. – Vermicompost with different microbial fertilizers on the growth and yield of Brinjal (Dr. Susan Panicker).
- * Botany Dept. – Growth of medicinal plants and herbs.

- **Research studies or surveys benefiting the community or improving the services:**

Water quality assessment studies on potable(drinking) water from rural, suburban and urban areas of Kottayam District (2008-2013) and survey on outbreak and prevalence of chikungunya on various parts of Kottayam (2007-08) are the student research projects conducted in the Dept. of Zoology and under the guidance of Dr.Susan Panicker.

• **Research inputs contributing to new initiatives and social development**

Ref Table 3.1.5 (13)

3.4.2 Does the institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database? Yes

Title – Baselius Researcher ISSN 0975 8658

- Editorial board – two of the faculty are the chief editors (Dr. Susan Panicker & Dr. V. Maya Kuriakose). All the doctorate holders of the faculty are members of the editorial board.
- Advisory Board – Four members from abroad and nine from India.
- Publication policies – Biannual (published as two volumes each year).
- Subscription – Rs. 500/- per volume.
- Articles – From the faculty and research scholars of the college and other institution.
- International Data base – Journal is listed in International Database (ISSN: 097-8658). National Science Library, National Institute of Science Communication and Information Resources (NISCAIR 14), Satsang Vihar Marg, New Delhi – 110067.

3.4.3 Give details of publications by the faculty and students:

a.) Publication per faculty

Dr. Verghese Leena (Dept. of English)

1. 'Noonakal:A Study In Child Fantasy', *Baselius Researcher, Vol. 8, No.1, June 2007.*
2. 'A Psycho – Spiritual Approach to Crisis Management in the Tsunami Affected I & XV of Koothiathode Panchayat', *Baselius Researcher, Vol. X No. 1, June 2009*
3. 'For Your Remembrance 20-9-1954', *Baselius Researcher ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012*

Dr. Maya Kuriakose (Dept. of English)

4. 'Christographic Glimpses of Theorization', *Baselius Researcher Vol XI No 2 July-Dec 2010 pp 221-26*
5. 'Christ Literature and Music' Published in proceeding of national seminar 2011.
6. 'Reverberating notes in Christ Literature', *Baselius Researcher ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012*
7. Psychological peep into Christ Literature, proceedings of national seminar on Literature and Psychology 2012

Dr. Jyothimol P. (Dept. of English)

8. "Madness as empowerment: An analysis of select Victorian Novels", Published in the proceedings of National Seminar on Literature and Psychology.
9. Reading woman and nature NIKKI Giovannts "'woman'" as an Ecofeminist Poem (SB Academic Review).
10. Jean Rhy's Wide Sargasso Sea Revisited New Paradigms-(Published in Proceedings of the International Seminar).
11. 'Reinforcing Patriarchy: An Analysis of Hero's language in select Mohanlal Films', *Baselius Researcher ISSN-0975-8658, Vol.XIII, No.1, January-June 2012.*
12. The Intertextual and the post modern; An analysis of Emma vennant's Tess (Research Lines-2012).
13. Reinforcing Patriarchy; An analysis of Hero's language in select Mohanlal films *Baselius Researcher vol 13 no 1 2012.*

Dr.Ranjana Sara Philip (Dept. of English)

14. 'Exile in the novels of Bapsi Sidhwa' *Baselius Researcher, Vol.X No.1, June 2009*

Dr. Rajith Chandran M.R (Dept. of English)

15. Eloquent Silences of the Occidental Orient: Analysis of Orhan Pumuk's Snow, *Baselius Researcher, Vol. 8, No.1, June 2007.*

Dr. Alexander Raju (Dept. of English)

16. The Sociopolitical moifs in Sahleselasma's novel. The Atersata – a critique. From Improvisational Ecriture to Hyper textual collagry.

Jyothi Susan Abraham (Dept. of English)

17. Roots the Revisiting of Culture and History through Literature (Proceedings of International seminar held at Catholicate College Pathanamthitta.
18. 'Farmer Suicide a Media Tremor Impact', Proceedings of national seminar on Literature and Psychology.

Prof .Daisy Zacharia (Dept. of English)

19. Persona and Projection in the Psyche of the Colonizer in JM Coetzee's Foe Proceedings of national seminar on Literature and Psychology; Waiting for the Barbarians' Proceedings of national seminar on Literature and Psychology.

Prof. Vidya Merlin Varghese (Dept. of English)

20. Maternal Psyche in Chemeen and Riders to the Sea, Proceedings of national seminar on Literature and Psychology.

Smt. Shilpa Anand (Dept. of English)

21. Psychology of Criminality and Detection in Agatha Christie. Published in the Proceedings of national seminar on Literature and Psychology.

Dr. Nibu A George (Dept. of Physics)

22. Microbend fiber optic detection of continuously varying refractive index of chlorinated water. *Optica Applicata* (Submitted), 2012, , *Impact factor – 0.398, SJR – 0,201, H index – 15*
23. A Simple Optical Sensor for the Measurement of Dry Rubber Content in natural latex. *Nondestructive Testing and Evaluation* (Submitted), 2012, *Impact factor – 0.827, SJR – 0,582, H index – 11*
24. Depth-kymography of vocal folds vibration: part II. Simulations and direct comparison with 3D profile measurements. *Physics in Medicine and Biology* 54, 3955-3977 (2009), *Impact factor – 2.829, SJR – 1,144, H index – 107*
25. New laryngoscope for quantitative high-speed imaging of human vocal fold vibration in the vertical and horizontal directions. *Journal of Biomedical Optics* 13 (6) (2008), *Impact factor – 3.157, SJR – 0,910, H index – 71*
26. Depth-kymography: High-speed calibrated 3D imaging of human vocal fold vibration dynamics. *Physics in Medicine and Biology* 53, 2667-2675 (2008), *Impact factor – 2.829, SJR – 1,144, H index – 107*
27. Evidence of band structure modification due to Jahn-Teller distortion in LiMn₂O₄ by photoacoustic spectroscopy. *Journal of Physics D: Applied Physics*, 40, 3807-3810 (2007), *Impact factor – 2.544, SJR – 1,058, H index – 106*
28. Paper presented in International Conference on ‘3D imaging of vocal fold vibration dynamics’. Abstract submitted to *Voice Foundation’s 37th Annual Symposium*, Philadelphia, May 28 – June 1, 2008
29. Paper presented in International Conference on ‘3D modeling of vocal fold vibration dynamics’. *Pan European Voice Conference*, Groningen, Netherlands, August 29 – September 1, 2007
30. Paper presented on “LED Lighting” at UGC sponsored National workshop at International School of Photonics, CUSAT in February 2012.

Dr. V. M. Mathew (Dept. of Physics)

31. Mainstream of absolute relativistic grand unified spin resonance cosmology – Can gravitation be detected? - *Baselius Researcher*, Vol. 8, No.2, December 2007.

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32. 'Grand Unified theory of fields and cosmology – 1', *Baselius Researcher*, Vol. X No. 1, June 2009.
 33. 'Grand Unified theory of fields and cosmology' - *Baselius Researcher*, Vol. X No. 2, December 2009.
 34. 'Grand Unified Interio Extero Solution of Fields and Cosmology – Gravitons in the absolute relativistic grand unified spin resonance harmonic oscillator theory of fields and cosmology', *Baselius Researcher*, Vol. XI No. 2, December 2010.
 35. Gravitational Resonance / Electrostatic resonance / Resonance Exclusion Principle. *Baselius Researcher ISSMO ISSN0975 – 865 Vol.XII No. 2, 2011.*
 36. Super relativistic limit of Dirac equation as the absolute relativistic grand unified equation of fields - Electromagnetic grand unification , *Baselius Researcher ISSN 0975 – 8658 Vol. XII No.I, 2011.*
 37. 'Absolute Relativity of gravitation grand unified fields', *Baselius Researcher ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012.*

Smt. Sindu Jones (Dept. of Physics)

38. 'Information Technology in Language Teaching', *Baselius Researcher ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012.*

Dr. Daisy Joseph (Dept. of Chemistry)

39. Miscellaneous Behaviour of Aerosol - OT in different electrolyte media.
40. Excess thermodynamic functions, polarizability, polarization and the molar volume of some mixed solvents, *Baselius Researcher*, Vol.8, No2, December2007.
41. "NR/PAN Grant Co-polymer synthesis and characterization" *Baselius Researcher*, Vol IX, No.2, 2008, pp.55-64.
42. 'Comparative Study of A Redox Reactions of Alkali Metals, Alkaline Earth Metals, Group III Metals, Transition metals and lanthanides with Halides' .- *Baselius Researcher ISSN 0975-8658, Vol. XI No. 2, December 2010.*

Dr. Jalaja J. Malayan (Dept. of Chemistry)

43. A computational method to study the spectroscopic aspects in organic compound.
44. Analytical Estimation of Soil Samples *Baselius Researcher Vol.8, No.1, June 2007.*
45. Acid base properties of Magnesia Alumina Mixed Oxides, *Baselius Researcher*, Vol. 8, No.2, December 2007.
46. 'Adsorption studies on Mg-Al Mixed oxides', *Baselius Researcher*, Vol. X No. 1, June 2009.

47. 'Acid base properties and catalytic activity of magnesia –alumina mixed oxides', *Indian Journal of Chemistry* 2010, *Impact Factor – 00.617, H index – 28, SJR – 0,246*

Dr. Suma Bino Thomas (Dept. of Chemistry)

48. Effect of cross linking on the reactivity of polyacrylamido supported chromates.
49. Effect of Degree of cross-linking on the oxidation behavior of poly-vinyl pyrrolidone supported chromate' at the Dept. of Chemistry, Calicut University, 11-12 January 2007.
50. Presented a paper entitled "Preparation of cross-linked (1-vinyl 2-pyrrolidone) supported chromates and its application as an oxidizing agent" in the National Seminar conducted by Christian College, Chengannur from 16/1/2009 to 18/1/2009.

Jinu Mathew (Dept. of Chemistry)

51. Synthesis and characteristic of some mixed ligand Dithiocarbamate complexin of Cu (II)

Dr. Annie Mathews (Dept. of Chemistry)

52. A simple method to synthesise pyrimidine derivatives, *Baselius Researcher*, Vol. 8, No.2, December 2007.
53. Simple methods to synthesise 2-pyridones: reactions of 2-aryl-3,3-bis(alkylsulfanyl) acrylaldehydes and cyanoacetamide", *Tetrahedron*, 64, 8, 2008, pp 1671-1675, *Impact Factor – 3.060, H index – 151, SJR – 1,291*.
54. "Reactions of 2-aryl-3, 3-bis (alkylsulfanyl) acrylaldehydes and hydroxylamine hydrochloride", *J. of Heterocyclic Chemistry*, 45, 6, 2008, pp 1583-1587, *Impact Factor – 0.295, H index – 19, SJR – 0,273*.
55. Studies on alpha-Formylketene Dithioacetal Mediated Heterocyclic Synthesis – *Baselius researcher*, Vol. IX No. 2, December 2008.
56. "Synthesis of new Flourescent material", Proceedings of National Seminar conducted by Christian College, Chengannur, 2009.

Prof. Varkey Mathew (Dept. of Chemistry)

57. 'Cellulose Nano fibre from banana and plant waste', at the Incubation Programme conducted by IIT Bombay, Alumni Association, Pune Branch held at Pune, 25th and 26th October 2007.
58. Presented Advanced Cellulose Nano fiber from banana plant waste at the Indian Investor's meet'2008 conducted by IIT, Bombay, on 6 to 8th December 2008.
59. Did a presentation and exhibition of New nano fibre material invented in innovations 2008 conducted by IIT alumni association, Pune on January 4-7, 2008.

Dr. Susan Panicker (Dept. of Zoology)

60. Mass multiplication of three Arbuscular mycorrhizal fungal species in vitro using a host plant, *Baselius Researcher*, Vol. 8, No.1, June 2007.
61. Bacterial diversity of precompost and Intestinal bacterial flora of *Eisenia foetida*, *Baselius Researcher* Vol. 8, No.2, December 2007.
62. Studies on the relation between pH and distribution of Arbuscular mycorrhizal fungi in Kerala soils. *Indian Journal of Bot.Research* (ISSN 0973-2233) 2007 Vol. 3, No-2,307.
63. Effectiveness of Root Nodule Actinomycete Frankia on the growth of *Casuarina equisetifolia* – *Baselius Researcher* Vol.IX, No.1, June 2008, 9-18.
64. Studies on the identification, isolation, characterization and effectiveness of root nodule Actinomycete (Frankia) on the growth of *Casuarina* sp. Of Kerala (PhD thesis abstract) *Baselius Researcher*, Vol. IX, No.2, July-Dec 2008.
65. Growth performance of culturable fishes in Rice –Fish rotational farming model in wetlands of Kuttanadu Kerala *Baselius Researcher* Vol IX (1)2008.
66. Prevalence of Butterfly species diversity in Baselius College Campus and Muttambalum. *Baselius Researcher* Vol.X(1) 2008 (ISSN O975-8658).
67. ‘Effect of Frankia and Azotobacter on the nutrient uptake by *Casuarina* plants’, *Ind.Journal of Multidisciplinary Research* (ISSN-0973-2225) 2009 Vol.5 (4) 475-478, Impact factor – 1.52.
68. ‘Diversity of butterflies in Kottayam, Kerala’, *The Journal of the Zoological Society of Kerala*, ISSN 0921-197X Vol. 12, No. 1 & 2 2009.
69. ‘Host specific symbiosis between root nodule acinomycete Frankia and angiosperm *Casuarina equisetifolia*.’ - *The Journal of the Zoological Society of Kerala*, Vol. 12, No. 1 & 2 2009.
70. ‘Prevalence of Butterfly species diversity in Baselius College Campus and Muttambalam, Kottayam’, *Baselius Researcher*, Vol. X No. 1, June 2009.
71. ‘Glimpses of Central Marine Fisheries Research Institute’ *Baselius Researcher*, Vol. X No. 2, December 2009.
72. ‘Interacting effect of Frankia and Azotobacter on the growth and yield of casuarinas plants’, *Asian Journal of Microbiology, Biotechnology and Environmental science* 2010, Vol 12 No 2 pp343-346, Impact factor – 0.043, Citation Index – 29, SJR – 0,135, H index - 9

73. 'A Comparative study of multiplication of three Arbuscular mycorrhizal fungal species in maize (*Zea mays*) plant' *The Journal of the Zoological Society of Kerala Vol.13(1&2)2010, pp1-4(ISSN 0971-197X)*
74. 'Studies on the efficiency of different species of earthworms on vermicomposting with banana plant waste', *The Journal of the Zoological Society of Kerala Vol.13(1&2)2010,pp45-49(ISSN 0971-197X)*
75. 'Production of degrading enzymes by the bacterial isolates from integrated system of rice fish rotational farming of wetlands of Kuttanad', *The Journal of the Zoological Society of Kerala Vol13(1&2)2010,pp58-62(ISSN 0971-197X)*
76. 'Antibiotic Resistance pattern of *Escherichia coli* isolated from various sources of integrated farming environments' *Baselius Researcher 2010 Vol. XI(1)pp 7-10 (ISSN 0975-8658)*
77. 'The Effect of Vermicompost with different microbial fertilizers on the growth and yield of Brinjal' *Baselius Researcher Vol.XI (2) 2010 PP 168-177.*
78. Isolation and identification of microorganisms from vermicompost produced by different earthwork species, *Baselius Researcher ISSN 0975-8658 Vol. XII (2) July 2011, pp.539-546*
79. Bacterial Profile in the various body parts of some culture fishes from integrated systems and indigenous fishes form natural system. *The Journal of the Zoological Society of Kerala. ISSN0971-197X Vol.14 (1&2) 2011, pp.30-41.*
80. Effect of Arbuscular Mycorrhizal fungi and Rhizobium on the growth performance of Coq pea (*Vigna unguiculata*) *The Journal of the Zoological Society of Kerala ISSN 0971-197X Vol.14 (1&2) 2011, pp.41-49.*
81. 'Importance of *Azospirillum* species in agriculture', *Baselius Researcher ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012*

Ms. Susan Kuruvilla (Dept. of Zoology)

82. Certain Observations on The Variations in the Zooplanktonic Organisms In The Meenachil River – *Baselius Researcher, Vol. IX No. 2, December 2008.*

Sri. Manoj Narayanan K.S. (Dept. of Commerce)

83. 'Measures and Tools for Evaluation of Mutual Funds and Asset Management Companies,' Published in *Research Lines, ISSN No.0975-8947, Vol.III, No.II-B, Dec.2010.*
84. Role of SEBI in Regulation of Mutual Funds. Published in *Baselius Researcher, ISSN No.0975-8658, Vol.XI, No.2, July – Dec 2010.*

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85. Mutual Fund Schemes: A multi-dimensional perspectives – ‘*Research Lines*’ (ISSN-0975-8941) January to June 2011
 86. The Global Economic Meltdown and Its impact on World and Mutual Funds – ‘*Research Scholar*’ (ISSN 2249-66962) – Vol. I No.1 September 2011.
 87. ‘Asset Management Companies in the Indian Mutual Fund Industry – An Overview’ – *Baselius Researcher* – Vol. XII No.1 (ISSN 0975 – 8658) – January to June 2011.
 88. MGNREGS – A Paradigm Shift in wage – Employment Schemes. *Baselius Researcher*, Vol. XIII No. 1, June 2012.

Dr. P. M. James (Dept. of Commerce)

89. ‘An Evaluation of Asset Management Companies and Their Efficiency in Portfolio Management’, *Baselius Researcher*, Vol. X No. 2, December 2009.
90. ‘Measures and Tools for Evaluation of Mutual Funds and Asset Management Companies’. Published in *Research Lines*, ISSN No.0975-8947, Vol.III, No.II-B, Dec.2010.
91. Role of SEBI in Regulation of Mutual Funds. Published in *Baselius Researcher*, ISSN No.0975-8658, Vol.XI, No.2, July – Dec 2010.
92. Mutual Fund Schemes: A multi-dimensional perspectives – ‘*Research Lines*’ (ISSN-0975-8941) January to June 2011.
93. The Global Economic Meltdown and Its impact on World and Mutual Funds – ‘*Research Scholar*’ (ISSN 2249-66962) – Vol. I No.1 September 2011.
94. ‘Asset Management Companies in the Indian Mutual Fund Industry – An Overview’ – *Baselius Researcher* – Vol. XII No.1 (ISSN 0975 – 8658) – January to June 2011.
95. MGNREGS – A Paradigm Shift in wage – Employment Schemes. *Baselius Researcher*, Vol. XIII No. 1, June 2012.

Dr. Nalini J. (Dept. of Commerce)

96. ‘CRM and its Relevance to Modern Business Enterprises’ *Baselius Researcher*, Vol. X No. 2, December 2009.

Ms. Tissy Eruthickal (Dept. of Commerce)

97. ‘Aadhaar – A Card for Development’ *Baselius Researcher*, Vol. XIII No. 2, December 2012, pg 819-825.

Smt. Berly Sebastian (Dept. of Commerce)

98. ‘Applications of M-commerce’ *Baselius Researcher*, Vol. XIII No. 2, December 2012, pg 826-831.

Smt. Sheeja Kuriakose (Dept. of Political Science)

99. 'Empowerment of Women through Political Participation', *Baselius Researcher* ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012.
100. 'Book Review: India In Turmoil, Jammu and Kashmir, Ved Marwah, North east and left extremism, 2009, New Delhi, Rupa. Co ISBN 978-81-291-1476-1, hard cover, pp.352', *Baselius Researcher* ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012.

Prof. Joshua George (Dept. of Political Science)

101. Social Formation of The St. Thomas Christians of Kerala In The First Sixteen Centuries - *Baselius Researcher*, Vol. 8, No.1, June 2007.

Fr. Dr. Thomson Roby (Dept. of History)

102. 'Council of Chalcedon and its Consequences', *Baselius Researcher* ISSN – 0975-8658, Vol.XIII, No.I, January – June 2012.
103. 'Christianity and the state from the time of Constantine in Rome' *Baselius Researcher* ISSN – 0975-8658, Vol.XIII, No. 2, December 2012, Pg 893-912.

Jeejamol P.M. (Dept. of Economics)

104. 'Global Economic Crisis and its impact on Indian agriculture – Proceedings of National Seminar, at Baselius College, Aug 2011.

Ashly Thomas (Dept. of Economics)

105. Global Economic Crisis and FDI inflows in India – Proceedings of National
106. Seminar, at Baselius College, Aug 2011.

Vijeesh Vijayan (Dept. of Economics)

107. Global Economic Crisis and its impact on Indian IT Industry – Proceedings of National Seminar, at Baselius College, Aug 2011.

Dr. P.V. Viswanathan Nampoothiri (Dept. of Sanskrit)

108. 'Bharateeya Samskaravum Vedvum' in *Baselius Researcher* Vol. IX No. 1 January-June 2008.
109. Vedopanishathukal Malayala Tharjamayil – *Baselius Researcher*, Vol. IX No. 2, December 2008
110. Mudranjalay, *Baselius Researcher*, July – December 2011.
111. Surabharathy Pravesika (Sanskrit) (Prasaram Samskritha Samajam, Kottayam) 2011, ISBN, 978-81-922401
112. Kumarasambavam (CantoI) (Prasaram Samskritha Samajam 2011, ISBN 978-81-922401-0-7
113. Sree Cihna Kavyam, (Prasaram Samskritha Samajam 2012,ISBN 978-81-922401,4-5

114. Manasa Pooja (Prasaram Samskritha Samajam 2012 ISBN 978-81-922401-3-8

115. Sukamrudam (Prasaram Samskritha Samajam 2012 ISBN – 978-81-922401-2-1

Dr. Elcy I. C (Dept. of Hindi)

116. Harisanker Parsai Ka Kadha Sahithya: Manaveeya Samlagnatha - *Baselius Researcher, Vol. 8, No.1, June 2007.*

Dr. Annie Cherian (Dept. of Statistics)

117. Design of Some Optimal Process Control Schemes – *Baselius Researcher, Vol. IX No.2, December 2008.*

Dr. Sherly Kurian (Dept. of Malayalam)

118. Published a ‘Study on Vikramorvasheeyam’ along with Dr. P.V. Viswanathan Nampoothiri, September 2008.

119. ‘hykkookavitha,’ *Baselius Researcher, Vol. XI No. 2, December 2010.*

Dr. Shyla Abraham (Dept. of Malayalam)

120. ‘Parampariyavum parampariya nishedavum O.V.Vijayante Kadhaprapanchathil’, *Baselius Researcher, Vol. X No. 2, December 2009.*

121. ‘Balyathinte chithreekaranam madhavikuttiyude kadha lokathil’, *Baselius*

Researcher, Vol. XIII No. 2, December 2012, pg 885-892.

Dr. A. M. Unnikrishnan (Dept. of Malayalam)

123. Malayala cherukadhayude Rashtreeyam – 1980 rnuthal, *Baselius Researcher* 2008 July, December

124. Naveenatha sankalpavum mlayala cherukadhayum – *Malayalam Research Journal*, 2008 May, September.

125. Kannuthurappikkunna krithikal – Pregathi Gaveshana thrimasika, 2008 April , June

126. Rathivirathikalude Sakshyangal – Pregathi Gaveshana thrimasika, 2008 July, Sept.

127. Ara noottandinte sahithyam kathirum Pathirum, Published in Pragathy Gaveshana Magazine Annual Issue 2007.

128. Akashathinum Appuram, Published in Pragathy Gaveshana Magazine July-September 2007.

129. Sahanam – Cheravally Sasiyude Kavyakrithiyil “Smruthiyum Moolyavum Punarjanikkunna Kavitha”, Published in Pragathy Gaveshana Magazine Dec 2007.

Dr. V. A. Philip (Dept. of Malayalam)

130. Akshepahasyam – *Baselius Researcher Vol IX, Number 1 June – 2008*

Dr. Biju Thomas (Dept. of Physical Education)

131. ‘Health Promotion among children: Towards a wellness curriculum’- *International conference on futuristic trends in Physical Education – ICFTPE-2013 Punjab University, Patiala, Punjab, India*

2.) Number of papers published by faculty and students in peer reviewed journals (national/international)

(2.a) Publication in International Journals with Citation Index, SNIP, SJR, Impact factor, h-index in *Table 3.5.3 (19)*

Sl. No.	Name & Dept.	No. of papers	Name of the Journal	Impact Factor	SJR	h-index
1.	Dr. Jalaja J. Malayan (Chemistry)	1	Indian Journal of Chemistry – 2010	00.617	0,246	28
2.	Dr. Annie Mathews (Chemistry)	2	Tetrahedron 2008 (3.060) Journal of Heterocyclic Chemistry 2008	3.060 0.295	1,291 0,273	151 19
3.	Dr. Susan Panicker (Zoology)	3	Asian Journal of Microbiology, Biotechnology and Environmental Science – 2010 (Citation index - 29) Indian Journal of Multidisciplinary Research – 2009 Indian Journal of Botanical Research – 2007	0.043 1.52	0,135	9
4.	Dr. Nibu A. George (Physics)	6	Optica Aplicata, Non Destructive Testing And Evaluation, Physics in Medicine and Biology, Journal of Biomedical Optics, Journal of Physics D: Applied Physics.	0.398 0.827 2.829 3.157 2.544	0,201 0,582 1,144 0,910 1,058	15 11 107 71 106
	Total	12				

(2.b) Paper presented in International Conferences: Dr. Nibu A. George (Physics) – 2, Dr. Biju Thomas (Physical Education) – 1

(2.c) Publication in National Journals: *Table 3.5.3 (20)*

Sl. No.	Name & Dept.	Publication in National Journals	Publication in Regional/Paper presentations
1.	Dr. Verghese Leena (English)	3	-
2.	Dr. Maya Kuriakose (English)	2	5
3.	Dr. Jyothimol P. (English)	2	7
4.	Dr. Ranjana Srara Philip (English)	1	-
5.	Dr. Rejith Chandran (English)	1	-
6.	Dr. Alexander Raju (English)	-	1
7.	Smt. Jyothi Susan Abraham (English)	-	2
8.	Prof. Daisy Zacharia (English)	-	1
9.	Vidya Merlin Varghese (English)	-	1
10.	Shilpa Anand (English)	-	1
11.	Dr.V.M.Mathew (Physics)	7	-
12.	Prof. Sindu Johns (Physics)	1	-
13.	Dr. Daisy Joseph (Chemistry)	4	-
14.	Dr. Jalaja J. Malayan (Chemistry)	4	-
15.	Dr. Suma Bino Thomas (Chemistry)	1	2
16.	Prof. Jinu Mathew (Chemistry)	1	-
17.	Dr. Annamma Kurian (Chemistry)	1	-
18.	Dr. Annie Mathews (Chemistry)	2	1
19.	Prof. Varkey Mathew (Chemistry)	-	3
20.	Dr. Susan Panicker (Zoology)	21	4
21.	Mrs. Susan Kuruvila (Zoology)	1	-
22.	Prof. Manoj Narayanan K. S. (Commerce)	6	-
23.	Dr. P.M. James (Commerce)	7	-
24.	Dr. Nalini J (Commerce)	1	-
25.	Prof. Sheeja Kuriakose (Politics)	2	-
26.	Prof. Joshua George (Politics)	1	-
27.	Fr. Dr. Thomson Robi (History)	2	-
28.	Prof. Jeejamol P.M. (Economics)	-	1
29.	Prof. Ashly Thomas (Economics)	-	1
30.	Prof. Vijeesh Vijayan (Economics)	-	1
31.	Dr. P. V. Viswanathan Nampoothiri (Sanskrit)	3	9

32.	Dr. Elcy I. C. (Hindi)	1	-
33.	Dr. Annie Cherian (Statistics)	1	-
34.	Dr. Sherly Kurian (Malayalam)	1	1
35.	Dr. Shyla Abraham (Malayalam)	2	-
36.	Dr. A. M. Unnikrishnan (Malayalam)	2	5
37.	Prof. Tissy Eruthickal (Commerce)	1	-
38.	Prof. Berly Sebastian (Commerce)	1	-
39.	Dr. V. A. Philip (Malayalam)	1	-
40.	Smt. Parvathy Mohan	1	
41.	Dr. Nibu A George		1
	Total	85	47

3) Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) NIL

4.) Monographs NIL

5.) Chapter in Books

1. All staff members (Department of Chemistry) - Chemistry in everyday life- A guide for the open course (sem 5 students) (2010-2011)
2. Dr. Susan Panicker (Dept. of Zoology, Reader) HOD Zoology Microbiology & Immunology published by Zoological Society of Kerala (October 2008)
3. Smt. Bina Jacob, Dept. of Zoology is the co-author of the text book “Diversity of animals - Chordata” for the CBCSS 4th Semester Course IV, published by the Zoological Society of Kerala. (2010)

Dr. P.V. Viswanathan Nampoothiri (Department of Sanskrit)

4. ‘Vikramorvaseeyam oru Padhanam’ by M.G. University Central Co-operative Society Ltd. P.D.H.H.S., KTM 2008 Sept.
5. ‘Sree Cihnakavyam’ of ‘Krishnalila suka’ by C.B.H.Publications, Nagarcoil 2008.
6. Dr. Varghese Leena (Dept. of English) - Whispering Echos, Kottayam: Impressions, 2007.

Dr.A.M.Unnikrishnan (Department of Malayalam (2008-2009))

7. Cherukadhayekkurichulla padanam – Sampoorana Malayala sahithya charithram, Current Books, Kottayam.
8. Sahithya charithravurn thathvachindayum – Malayala Sahithya Niroopanam, Current Books, Kottayam.

9. Swarni Ranganadanran, samasathinte shreshtamadruka – Vijnana-kairali, 2008
10. Malayalathile Prethibhadanar – Grandalokam, 2008 April
11. Pravasaam – Malayalithvath inte veendeduppu – Grandalokam, 2008 Dec.
12. Paribhasha veendedukkunna kavithayude aazham – Vivekodhayam, 1/1/08

6.) Books Edited

1. Prof Manoj Narayanan K S
'Modern Banking', published by Gayathri Publications
2. Dr. Susan Panicker, Dept. of Zoology, is the editor and co-author of the text book "Microbiology and Immunology" for the CBCSS 6th Semester Course XI, published by the Zoological Society of Kerala 2008.

7.) Books with ISBN/ISSN numbers with details of publishers

Dr. P.V. Viswanathan Nampoothiri Department of Sanskrit

1. Surabharathy Pravesika (Sanskrit) (Prasaram Samskritha Samajam, Kottayam) 2011, ISBN, 978-81-922401
2. Kumarasambavam (CantoI) (Prasaram Samskritha Samajam 2011, ISBN 978-81-922401-0-7
3. SreeCihna Kavyam, (Prasaram Samskritha Samajam 2012 ISBN 978-81-922401, 4-5
4. Manasa Pooja (Prasaram Samskritha Samajam 2012 ISBN 978-81-922401-3-8
5. Sukamrudam (Prasaram Samskritha Samajam 2012 ISBN –978-81-922401-2-1
6. Dr.Maya V Kuriakose (Dept. of English)-:'The Bedrock of Sin and the Cradle of Imagination', New Delhi, Adhyayan publishers, 2012, ISBN – 978-81-8435-363-1.
7. Dr.P.M.James & Prof. Manoj Narayanan K.S. (Department of Commerce): Entrepreneurship Development & Project Management 2010. ISBN: 978-81-907782-8-5
8. Dr.P.M.James & Prof. Manoj Narayanan K.S. (Dept. of Commerce 2011): Principles of Business Decisions- Kalyani publications ISBN: 978-93-272-1762-9

3.4.4 Provide details (if any) of

- Research awards received by the faculty
 - a) Dr. Nibu A. George (Dept. of Physics) – Melpadom Attumalil Goergekutty Young Scientist Award-2012 by the Marthoma Syrian Church of Malabar.
 - b) Dr. A.M. Unnikrishnan - (1.) Dr. K.M.George: Research award – 2003 (Once in 5 years), Best Malayalam Ph.D Thesis. (2.) Dr. Samuel Chandanapally Research Award (Once in 2 years) for the book on the basis of Doctoral Thesis.
- Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

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- a) Prof. Jacob Kurian Onattu – Kerala Higher Education Trust, Kochi. Padmabhushan Dr. M. V. Pylee Award 2013 for the Best College Principal 2012 - 13: National Vice President of AIACHE.(2007 onwards)
 - b.) Dr. Nibu A George (Dept. of Physics) – International Patent on LED lighting: light source comprising a light emitter arranged inside a translucent outer envelop (International Publication No.**WO2010/128419** A1, Dated 11/10/2010)
 - c.) Prof. Varkey Mathew - Air India – Malayala Manorama Best Learner-Teacher Award (2007 November), Patent Received: India patent No.244800 (2010) Manufacture of Cellulose Nano Fiber from Banana and Plantain Waste.
 - d.) Dr. A.M. Unnikrishnan: UGC Research award for Post Doctoral Research for 2 years (2009) - Prof. S. Sivaprasad Memorial Award for the Best College Teacher in Kerala (2009) - AIACHE T.A.Mathias National Award 2009 (Best Innovative educator in Higher Education in India).
 - e.) Dr. Susan Panicker - Life member, Association of Microbiologists of India, Life member, Indian Association of Biomedical Scientists
 - f.) Dr. Nibu A George – Life Member of Photonics Society of India
- Incentives given to faculty for receiving state, national and international recognition for research contributions.: Award winners are properly honoured and recognized by the college family and management.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

Regular interaction of students from various Departments with industries/ institutions etc. Example: B.Com (Model III) Students - on the job training with Rubber Board, Chartered Accountant Office, M.Sc. Physics Students project work with M.G.University centre SPAP.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

- Programmes, Conferences, Seminars etc led by eminent personalities of other institutions.
- Project works of students from different institutions are supported by faculty.
- The available expertise is advocated and publicized by our stakeholders.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

Institution provides opportunity and exposure for expert teachers to utilize their efficiency. Example: English Dept. - For students from Catholic Seminary, (Private Registration) candidates etc., Malayalam Dept. - Gives assistance for (Private

Registered) candidates regarding syllabus, exams etc. Dr. Annie Cherian of the Department of Statistics is an expert in Statistical Analysis of data of Ph.D theses. Research students from various disciplines approach the department for statistical analysis of their data, and the department generates income out of it as 50% of the fees collected goes to the development of the department. Department of Botany conducts DRC testing of rubber latex of farmers by collecting a nominal fee. Department of Zoology conducts the water quality testing of drinking water samples to the people of the neighbouring area collecting a nominal fee to meet the expenses towards the chemical required. The following is the list of consultancy done by the Statistics department in the previous years. *Table 3.5.1 (17)*

Year	Statistical Analysis of data of Ph.D theses by the consultant Dr. Annie Cherian, Dept. of Statistics
2007-2008	Beneficiary 1.Rojis, School of Chemical Sciences, MG University, Kottayam
2007-2008	2. Dr. Varghese Leena, Baselius College, Kottayam Minor project entitled “Psycho-spiritual needs of the Tsunami Affected People of Ward Nos. 1&15 of Kuthiathode Panchayath of Alleppey District.”
2008-2009	3. Dr. Susan Cherian, Dept. of Home Science, St. Teresa’s College, Ernakulam. UGC minor project entitled “Creating Awareness In The Utilization And Disposal Of Plastic Waste”
2010-2011	4. Nisha S. Babu, Ph.D student, MG University, Kottayam
2011-2012	5. Tisha, M.Sc. Nursing Student, UCME UCN, Gandhinagar Data analysis of M.Sc. Project 6. Asha Raj N, M.Sc. Nursing Student, UCME UCN, Gandhinagar Data analysis of M.Sc. Project

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

1. Statistical Analysis of data (Statistics Dept.) – income Rs. 5,000/-
2. DRC testing of rubber latex of rubber farmers (Dept. of Botany) –Income Rs. 2,000/-
3. Drinking water purity testing (bacteriological) of well water samples from Kottayam Dist. (Dept. of Zoology) – Rs. 1,000/-

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

50% of the income generated through consultancy is utilized for the development of the respective departments.

3.6 Institutional Social Responsibility (ISR) and Extension Activities

3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

Activities of N.S.S.

2007-2008 & 2008-2009: The National Service Scheme of Baselius College has been trying to give an extension dimension to the Higher Education system and to orient the student youth to community service while they are studying in educational institutions.

Important extension activities of NSS are (2007-08)

- Street play at Pallikkathode to create public awareness against drug addiction
- Beautification and maintenance of civil station campus
- celebration of Children's day with the members of Poor Boy's Home Kanjikuzhy
- District level Legal Literacy Programme for the Second year degree students
- Hosted procession and seminar in connection with AIDS Day with the co-operation of various NGOs and District Administration Department
- Interaction with the members of various Kudumbashree units of Pallikkathode Panchayath
- Construction and maintenance of roads in Pallikkathode panchayath
- Participation in the seminar on Minority Rights by Human Rights Protection Council in connection with Human Rights Day
- * Green Campus project of the University (2008-2009).

Ten Day Special Camp (2008-09): Camp was held at Buchanan Institution Girls High School, Pallom from 5-14 September 2008.

Activities were

- Survey to assess life standard of the natives
- Survey on position of woman in families
- Working in support with TRADA, Ashakiran, Vijayapuram Social Science Society, rally against Drug & Alcohol usage, free eye testing camp for natives, visits to "Balavedi" for understanding the sprouting spirits, analysis of Kudumbasree units, their working, settings & problems, personality development classes, cultural exchange programme to understand the cultural & social divide, interactive programmes with senior citizens

- Gandhijayanthi observance: Volunteers participated in the Gandhijayanthi rally conducted on Oct.2, enthusiastic participation in the blood donation, observed World AIDS day with red ribbons on December 1.
- Conducted poster exhibition on the theme “Youth of New Millennium” on the World Youth Day
- Tobacco Free Kottayam – participated in its declaration rally and took anti-tobacco oath.
- The college has hosted as well as actively participated in the Kerala State Human Rights Commission sponsored inter-collegiate seminar on Human Rights on 28 February 2009.

Inter Collegiate Programme: The unit conducted an inter-collegiate seminar on “The Role of Youth in Understanding the AIDS affected and building an HIV free society”. Seminar was conducted in association with AIACHE and had informative sessions for the volunteers. It was interactive and had group work.

National Level Representation: Sreelakshmi S of II B.A English took part in the Republic Day Parade Camp at New Delhi. She took part in the parade and also made her mark in the cultural programme. Meera C Murali of II B.A English was among the delegates who attended the National Youth Convention, Amritsar, Punjab, held in association with Govt. of India, Ministry of Youth Affairs and Sports.

2009-2010: Observed World AIDS day with red ribbons on December 1, and Tobacco Free Kottayam – Participated in its declaration rally and took anti-tobacco oath. Programme officers of the college have been granted right to take action against those who violate the Anti Drug Law.

2010-2011: Mr. Rajeev from SOS village accepted the money collected by NSS volunteers for the SOS children.

Palliative Survey: The Merchant's association requested the help of NSS volunteers in conducting a survey on old and disabled patients requiring care. 12 students from this unit participated.

Seven Day Camp (20-08-2010 to 26-08-2010): A follow-up of the survey conducted by the Merchants Association and Mother Palliative Care was done from 3 September. The students who participated in the Survey took part in groups on different dates.

Life Skill Training Camp: Three volunteers participated in the camp at Thanmaya Centre, Kumaranalloor from 23 to 26 September.

NSS Day Celebration: September 24 was celebrated by conducting a Poster Designing Competition of October 2.

Gandhi Jayanthi: Gandhi Jayanthi was suitably observed by the NSS volunteers by visiting Santhi Bhavan, a Home for destitute old men and women. Volunteers cleaned their rooms and premises and shared tea with them. The old were very happy to spend time with the students.

Samoohya Jeevana Darsana Camp: Dr. Febi Leo conducted a camp for the differently abled children. Aju Abraham, Sobin Mathew, Vishnu C S and Kannan K P participated as volunteers.

Nine participants went for the class on 'Bhakshya Surekshayun Vembanadu Kayal Samrakshanavum' at CSI Retreat Centre, Kottayam.

AIDS day was observed by Poster Presentation, distribution of red ribbon to all students and teachers and more than hundred volunteers participated in the rally for AIDs awareness. One volunteer Eaby Varghese of I DC English attended the camp in Communicative Skills arranged by NSS of St. Pius X College, Rajapuram, Kasargod from December 8 to 12. Campus cleaning programme was done on 4th December. Sarath Sekher our Volunteer Secretary attended the state level camp organized by the Department of Disaster Management at PTP Nagar, Thiruvananthapuram from December 28 to 30.

National Youth Day December 12: An essay competition on 'Maha Bharatham: Yuvakkalude Kazhchappadu' was conducted for students in our college.

National Voters' Day: Inauguration of National Voters' Day in the district was arranged in our college. NSS Volunteers helped in arranging the programme and conducting the painting competition.

Red Ribbon Club: An awareness class was arranged regarding blood donation by Mr. Thomas Wilson of KSACS on 27-01-2011. Mr. Ajith of Blood Bank was also present.

2011-2012: Activities-

- Anti drug awareness class, Eye testing camp conducted by Vasan Eye Care hospital

- World Environment Day – collected the seedlings from Forest Department and planted in our campus.
- World Blood Donors day - volunteers participated in the inaugural function and the blood donation camp conducted at C M S College, Kottayam and the Volunteers donated blood
- World AIDS day. Awareness class was arranged, Blood Donated - more than 30 students donated blood in a blood donation camp held at Baselius College, organized by HDFC Bank and Medical College, Kottayam, Madya Virudha rally - Volunteers participated in the ‘Madya Virudha Rally’ organised by Santhwanam.

Activities of NCC

National Cadet Corps, the biggest youth organization is functioning under the Ministry of Defence, Govt. of India. It inculcates discipline and sense of unity and patriotism in youth and trains them in defence preparedness. It also aims at the development of leadership, character and comradeship among the youth. The Central and State Govts. give a number of incentives including weightage for education, job reservation etc. for N.C.C. cadets.

In addition to regular parades on 20 Saturdays, the sub-unit utilizes all seats allotted in various camps in the District, State and National Level.

Gaves special thrust on cleanliness and undertook awareness programmes against Chikungunya. The cadets also donated blood for the needy.

3.6.2 What is the Institutional mechanism to track students’ involvement in various social movements/ activities which promote citizenship roles?

- Functioning of organizations in 3.6.1 to monitor the student development, monitored and guided by teachers
- Camps conducted by the organizations for student society interface (N.C.C., N.S.S., MGOCSM etc)
- Activities organized for the improvement of the citizenship, by these organizations (Medical Camp, Awareness classes for Blood Donors etc)
- Competitions etc to promote the same attitude in the student community, inter collegiate and inter-university programmes held to promote student participation; department wise and association activities of similar nature.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

- Yearly team visit to the institution and all departments for physical verification and assurance of the quality
- The continuous rapport with the Principal and HOD for managing an effective monitoring system
- Yearly conferences by the Corporate Management, for giving orientation to the faculty
- Timely feedback from the representatives of the faculties for enhancing the effectiveness
- Feedback from student community & Parent teacher interface also help to ensure quality

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

- Planning and Organising – Generally through Departments, College Council and voluntary organizations
- Budgetary Details
- Major Extension Programmes and Impact on Students

2007-2008

- Dept. of English: Organized Medical Emergency Awareness programme by IIEEMS on 28 November 2007. The department organized various programmes in connection with World Environment Day, Child Labour Day, and AIDS day.
- Dept. of Zoology: 36 students of the Dept participated in a survey on ‘Chikungunya Outbreak’, in Kottayam District from June 3-July 31 organized by TIES & School of Environmental Studies, MG University, under the guidance of the faculty of this department
- Dept. of Malayalam: Pothiyil Gurukulam is a traditional training centre for kooth and koodiyattom in Manganam, a village near Kottayam town. Malayalam dept. gives whole hearted support to the functioning of the gurukulam. Usually the annual celebration of the Pothiyil Gurukulam is hosted by the dept. Teachers and students visited Manganam Balabhavan, a poor boys’ home and spent a day with them. The expenses of the meals of that day were also met by the Dept.

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- Dept. of Chemistry: Chemistry exhibition 'Rasavismayam' was conducted in November 2007.
 - Dept. of Commerce: The major programme of the year was 'Commerce Kaleidoscope' the Inter Collegiate Commerce Fest hosted by the Association. Competitions were held in five different management and cultural events in which 150 students from different colleges participated. K.G. College won the overall Championship.
 - Dept. of Politics: Organized special lectures and seminars related to Environment Day, Voters Day and Hiroshima Day.

2009-2010

- Dept. of English: Hiroshima Day was observed on August 6 with a poster exhibition titled 'Peace Outshines War', a skit titled 'Misled Youth', and a mime titled 'Terror of the World'. - A manuscript magazine, Eliteraria, 2009, was released on the same day. A Kerala Quiz was organized in connection with Kerala Piravi on November 5th.
- NSS (2010-2013): The Red Ribbon Club is functioning in this college in close association with our NSS units. Its main objective is to sensitize students regarding the need for voluntary blood donation. Side by side, it also helps create awareness regarding diseases such as HIV / Aids, Hepatitis B etc which are mainly spread through infected blood, casual and unprotected sexual contact etc. Our Red Ribbon Club unit arranges mass blood donation programmes on selected dates, accepting blood from all willing students and staff. It also arranges blood for medical emergencies reported from neighbouring hospitals. Every year, on World Aids Day (December 1), there is a special awareness programme under the auspices of the RRC.
- The blood grouping and blood donation campaign, AIDS awareness campaign, Road Safety Campaign are some of the activities of NSS and NCC that educate students about their social responsibilities and help them contribute significantly to the community.
- Motivation for Career options (Malayala Manorama sponsored)
- Environmental awareness (Exhibition - Horizon): The venue provided by the college for HORIZON (Educational Exhibition by Malayala Manorama), Waste Management Exhibition (Malayala Manorama sponsored) and Water Conservation Programmes
- Awareness on rural situations and problems and interest in the rectification of such problems. (Eg. NSS programmes, Extension by Economics Dept. etc.)

- Inspiration and Encouragement for charity programmes and attempt to inculcate the spirit of equality, love etc. (Extension by English (Santhwanam programme for Cancer patients), Economics, Commerce Depts; Activities of MGOCSM; Activities of N.S.S. etc)
- Revival and Conservation of Traditional Art Forms (Koodiyattom, Theyyam, Kathakali etc.) (Eg. Cultural programmes of Malayalam & Sanskrit Depts.)
- Universal Care for the ailing and disabled (Commerce, Economics, English Depts, MGOCSM etc.)
- Counselling, MGOCSM activities, Value Education Classes.
- Inculcating social service mentality and social commitment – Activities of NCC, NSS etc.

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

- Class-wise campaigning, canvassing and giving awareness at the time of admission, orientation programme for students and teachers conducted by the college and University.
- NSS and NCC – (Economic assistance provided by the University): Camps organized at regular intervals: NSS – 3 day, One week Camps, NCC – Weekly Parade & Training Programme, MGOCSM – 3 day camp, Weekly Prayer Meeting + Value education, Yearly National Conference, Yearly Regional Conference.
- Extension Programmes: MGOCSM – Fast a day, Feast a Friend (Money collection f by the college community to provide lunch for poor students), NSS & NCC – Blood Donation Programme, Charity Programmes- Medical Aid Activities - Health awareness and monitoring programmes. Eg: AIDS awareness, Chikungunya awareness, Red Ribbon Club, Blood Donors’ Club & Junior Red Cross.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Legal Literacy classes arranged for degree students, Women’s Forum programmes for the empowerment of women students, Men’s Forum programmes, Counselling activities, SC/ST Monitoring Cell Activities, Student Aid Cell, Chikungunya survey conducted by the students and staff of the Dept. of Zoology in association with TIES during 2008.

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

- Transformation of students into holistic personalities by assimilating social values such as:- commitment to society, love and concern for fellow beings, unselfishness, orientation for charitable activities, spiritual awakening, aesthetic bend of mind, responsive attitude to situations
- Skills - Proficiency in concerned subjects, additional skills through IT programmes, add-on courses, life skills such as:- personality development, public speaking, healthy interaction, presentation skills, facing the interviews, participation in group discussions.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

Activities of NCC and NSS - Ref 3.6.1. The local bodies and people take active participation in the NSS camps assisting the extension programmes. Department associations take up Charity Projects with their students, eg Santhvanam.

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

- Tie up with Malayala Manorama for socially beneficial programmes such as Horizon, Water Management, and Waste Management Programmes.
- Exam Centres provided by the Institution for many public exams such as Bank Test, PSC, ICAI, DOEACC, LIC, GATE, etc
- Science Exhibition, Art Exhibition, Photography Exhibition etc for students and public
- Faculty serving as judges, evaluators etc for programmes such as youth festivals, Other open competitions etc (District, State levels etc).

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

Awards received by NCC, NSS etc.

Best Cadet Awards from the University: S.U.O. Sunil Mathew (D3 Economics,) S.U.O. Jeethu Elza Cherian D3 Politics (2008-2009), Asha Thomas D2 Physics, Radhika Raveendran D2 Zoology; Mahin Aboobeker, D2 Botany (2009-2010); Jibin Kurian T.J. (D2 Economics); Resha Raju (D2 Commerce) (2010-2011); and Nithin Mohan (D1 Physics) (2011-2012).

Participation in Republic Day parade in New Delhi: Jeethu Elza Cherian (D₃ Politics, 2008), Sreelakshmi S (II BA English, 2009), Jiya Cherian (D₂ English, 2010), Alex George (D₂ Maths, 2011)

- NSS Awards from the University: 2008-2009: Ganga.G.Nair (III BA Economics) Best NSS volunteer Award, M.G University 2008, Meera .C. Murali (D₂ English) Winner NSS National Certificate, Short film National Award by Baselius College HRD Centre (Film - Ammamanasu)

3.7 Collaborations

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarship etc.

Collaborative Research – PG Projects of Physics students in collaboration with SPAP (School of Pure and Applied Physics, MG University), PG Projects of Chemistry students at different research centres in the neighbourhood such as C.M.S. College, Kottayam and Govt. College, Nattakom and Job training programmes of Commerce Dept. in association with Rubber Board, Kottayam.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/ other universities/ industries/ Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The Memorandum of Understanding (MoU) between the Tropical Institute of Ecological Sciences (TIES), Kottayam, Kerala and Baselius College, Kottayam was signed on December 2012 for a period of one year for collaborative academic and research programmes of Tropical Institute of Ecological Sciences (TIES) with Baselius College Kottayam on

1. Energy audit and conservation programmes for the college
2. Water audit and conservation programmes for the college
3. Paper recycling project – Paper bag manufacturing, selling (Earn while you Learn)
4. Healthy Food campaign
5. Walking and Cycling promotion
6. My College, My Nature Project (Biodiversity survey, conservation)
7. Participation in Wild Flower show, 2012
8. Waste management survey – Biogas plant for food waste management
9. Peoples Research Project – an exclusive study on a local environmental issue using 100-200 students and 5-10 faculty members. **Contribution of TIES to the**

development of the institution - Green Audit of the College was conducted by the TIES in association with the Science departments of the college.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/ up-gradation of academic facilities, students and staff support, infrastructure facilities of the institution viz. laboratories/ library/ new technology /placement services etc.

- PTA fund regularly utilized for providing the remuneration of guest faculty (locally arranged)
- Departmental PTA Donations – for library and laboratory facilities
- Campus recruitment – Job opportunities offered for ongoing students at regular intervals by companies and agencies.

3.7.4 Highlighting the names of eminent scientists/ participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Total Number of Seminars/Workshops Conducted

1. Dept. of Zoology - UGC sponsored 3 days workshop on ‘Modern Biological Techniques and Bioinformatics with special reference to restructured syllabus - August 11, 12, 13 2011. *Table 3.8.4 (23)*

Sl. No.	Resource Person	Topic
<i>Bioinformatics</i>		
1.	Dr. Achuthsankar S. Nair (Director, Centre for Bioinformatics, University of Kerala)	Bioinformatics – Introduction, Sequence alignment
2.	Dr. Aswathy B.L. (Assistant Professor, Centre for Bioinformatics, University of Kerala)	Bioinformatics Biological Databases
3.	Smt. Rani J.R. (Assistant Professor, Centre for Bioinformatics, University of Kerala)	Bioinformatics Tools
4.	Dr. Karthika R.V (Assistant Professor, Centre for Bioinformatics, University of Kerala)	Bioinformatics - Phylogenetics
5.	Mr. Umesh P. (Assistant Professor, Centre for Bioinformatics, University of Kerala)	Bioinformatics – Lab-Rasmol, Phylip, Argus lab
6.	Mr. Vipin Thomas (Assistant Professor, Centre for Bioinformatics, University of Kerala)	Proteomics - CADD

<i>Aquaculture</i>		
7.	Dr. Benno Pereira (Associate Professor & HOD, Dept. of Aquaculture, St. Albert's College, Ernakulam)	Ornamental Fish Breeding (Marine and Fresh Water)
<i>Environmental Biology, Ethology and Biology</i>		
8.	Dr. Punnen Kurian (Director, Tropical Institute of Ecological Sciences, Kottayam)	Ethology – Skinner Box, T-Maze, Animal behavioural activity
9.	Dr. Abraham Samuel K. (Associate Professor, P. G. Dept. of Zoology, CMS College, Kottayam)	Environmental Biology Minerals & Rocks – Composition & identification, Soil Organic, Carbon Estimation, Sechi disc. Plankton Count
10.	Dr. Susan Panicker (Chairperson, Board of Studies in Zoology CBCSS, M. G. University, Kottayam)	Reflection on Modification of Syllabus – Theory and Practicals
11.	Dr. Biju Thomas (HOD, Physical Education Dept., Baselius College, Kottayam)	Sports Physiology – Effect of exercise on various systems on the body

2. Dept. of Physics – UGC sponsored 2 days national seminar on 'Mesmerisms in Opto-electronics', on 11, 12 July 2011. *Table 3.8.4 (24)*

Sl. No.	Resource Person	Topic
1.	Prof. Dr. V.P.N. Nampoori (Emeritus Professor, International School of Photonics, CUSAT, Kochi)	Bio-Photonics
2.	Dr. Ison V. Vanchipurackal (Associate Professor, St. Thomas College, Pala)	Expanding Horizons in Digital Signal Processing
3.	Dr. Reji Philip (Associate Professor, RRI, Bangalore)	The Promises of Detectors & Modulators in Laser Technology
4.	Dr. M.Kailas Nath (Assistant Professor, International School of Photonics, CUSAT, Kochi)	Polymer Based Optical Fiber
5.	Prof. Dr. Sudha Kartha (Professor, International School of Photonics, CUSAT, Kochi)	Data Storage in Hologram
6.	Prof. Dr. N.V.Unnikrishnan (Dean & Director, SPAP, MG University, Kottayam)	Opto Electronics Sources

3. Dept. of Economics – UGC Sponsored 2 days national seminar on ‘European Economic crisis and its implications for India’ ,on 4th and 5th August 2011. *Table 3.8.4 (25)*

Sl.No.	Resource Person	Topic
1.	Dr. M. Ramachandran (Head, Department of Economics, Pondichery Central University Prof. & Head, RBI Unit Institute for Social and Economic Change, Bangalore)	International reserves as self insurance against external crises
2.	Dr. Francis Cherunilam (Professor, School of Management Studies, CUSAT)	New International Business Order and Indian Economy
3.	Dr. B.A. Prakash (Former HOD, Department of Economics, University of Kerala)	Global Economic Crisis and its Impact on Indian Economy
4.	Dr. Martin Patrick (Associate Professor (Rtd.) Research Guide, Maharajas College, Ernakulam)	Shadow Banking and European Economic Crisis: Ramifications on the Indian Economy
5.	Dr. V. Mathew Kurian (Visiting Professor, MG University Former Principal & HOD)	New capitalism and global economic crisis: A study with special reference to the sovereign debt crisis of Europe

4. Dept. of Chemistry conducted UGC sponsored National Seminar on Modern Trends in Organic Chemistry, on 23, 24 February 2012. *Table 3.8.4 (26)*

Sl.No.	Resource Person	Topic
1.	Dr. Vijay Nair (Raja Ramanna Fellow NIIST, Trivandrum)	Demystifying Organic Synthesis
2.	Dr. George Thomas FASc (Professor, School of Chemistry & Dean (Academics & Administration) IISER, Trivandrum)	Surface Enhanced Spectroscopy and its Applications
3.	Dr. Anilkumar Gopinathan (Asst. Professor (Organic Chemistry), School of Chemical Sciences, MG University)	Challenges and Strategies in Organic Synthesis
4.	Dr. Uday Maitra (Professor & Chairman of the Department of Organic Chemistry, IISc, Bangalore)	Molecules which Break the Rules! Self-assembled Functional Hydrogels
5.	Dr. Prathapan Sreedharan (Associate Professor (Organic Chemistry), Dept. of Chemistry, Cochin University of Science & Technology)	Green Synthesis

5. Dept. of English conducted a UGC sponsored two day National Seminar on Literature and Psychology on 8th & 9th Dec 2011 & a two day UGC sponsored National Seminar on ‘Language and Representation: The Mystique of Interpretation’ 14th and 15th January 2011. *Table 3.8.4 (27)*

Sl.No.	Resource Person	Topic
1.	Sri. Sashi Kumar (Founder, Asianet Satellite Communications & Chairman, Asian College of Journalism, Chennai)	Media, Cinema & Journalistic Writing: The Power of Mass Psyche
2.	Dr. Ekbal B. (Former Vice-Chancellor, Kerala University, Thiruvananthapuram)	Literary Neurological Syndromes: A Glimpse into the Novels of Dostoevsky & Tolstoy
3.	Dr. Sanjeev Jain (Prof. & Head of Clinical Psychiatry, NIMHANS, Bangalore)	Freud, Jung & Lacan & their Clinical Application to Specific Case Studies: Mirrors of Madness
4.	Dr. Scaria Zacharia (Visiting Prof. of Malayalam, School of Letters, Kottayam)	Literary Methodology and Concepts of Psychology: A Contemporary Perspective
5.	Dr. Bhaskaran Nair (Reader, Department of English, Pondicherry University)	Language as Social Semiotic Mediation: A Perspective on Second Language Instruction
6.	Dr. Joby Cyriac (Asso.Prof.& HOD, School of Management and Hospitality, Marian College, Kuttikanam)	The Brain Representation: Systems and Meanings – An Introduction to Neuro – Linguistic Programming
7.	Shri. Gouridasan Nair (Principal Correspondent, THE HINDU, Trivandrum)	The Politics of Language in Media
8.	Dr. K.G. Paulose (former Vice-Chancellor of S. S. University, Kalady & former Dean of Kalamandalam, Thrissur)	Visula Arts, Aesthetics, Presentation & Communication

6. Dept. of Zoology organized a one day seminar on 5/8/2008 “Telomere, Telomerase and Cancer” a topic related to Cancer Research by Dr. Jacob Naduparambil, School of Medicine, O’hoio State University USA- an alumnus of this department.

2007-2008

7. Dept. of English – National Seminar on Transcending Borders and Cultures: Translation and Interdisciplinary Studies (UGC sponsored) for teachers and students, on 26, 27 March 2007. *Table 3.8.4 (29)*

Sl.No.	Resource Person	Topic
1.	Dr. Ajanta Sen (Mumbai)	Lost in Translation: Writing within & across the Media
2.	Dr. Jayasree Ramakrishnan (Trivandrum)	The Bard in the Native Garb: Appropriating Shakespeare
3.	Fr. Dr. K.M.George (Principal, Orthodox Theological Seminary, Kottayam)	From Planet to Planet: Translating The Little Prince from French to Malayalam
4.	Dr. Sheriff (Kannur University)	Translation: Theory & Practice
5.	Dr.V.C. Harris (School of Letters, MG University)	Doing/Translating Theatre
6.	Dr.B.Iqbal (Former V.C., University of Kerala)	Literature & Medicine
7.	Dr. P. P. Raveendran (School of Letters, MG University)	Culture in Translation
8.	Chandrika B. (All Saints College, Trivandrum)	Problematizing the Theory of Translation
9.	Dr. Viswanathan Nampoothiri (Dept. of Malayalam, Baselius College, Kottayam)	Translations of Sakunthalam a Comparative Approach
10.	Madhu Eravankara (Film Maker)	From Literary to Cinematic

- 3.7.5** How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated –

- a.) **Curriculum development/enrichment** - Nil
- b.) **Internship/ On-the-job training** - NET coaching programme (English Dept.), Civil Service examination coaching (Economics Dept.).
- c.) **Summer placement** - NA
- d.) **Faculty exchange and professional development** - Nil
- e.) **Research** - Ref – 3.1.5
- f.) **Consultancy** - Ref – 3.5
- g.) **Extension** - Ref – 3.6.4
- h.) **Publication** - Ref – 3.1.6

- i.) Student Placement** – South Indian Bank and IT companies conducted campus selection and average of 10-20 students got placed.
- j.) Twinning programmes** - NA
- k.) Introduction of new courses** – Bank test coaching MoU with S.B. Global and Commerce department
- l.) Student exchange** - NA
- m.) Any other** – NA

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

Yearly plans for the various programmes under research, consultancy and extension made by the different departments and scrutinized and sanctioned by the Principal and effectively implemented at the appropriate time.

**CRITERION IV:
INFRASTRUCTURE AND LEARNING
RESOURCES**

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The institution has always been striving hard for creating and enhancing infrastructural facilities. The policy of the institution is to make optimum use of available infrastructural facilities for effective teaching and learning. Thrust is given for the use of ICT and as such, the College has been focusing its attention on the enhancement of computer/internet/other facilities. The grants extended by UGC and the government are all utilized greatly to expand our infrastructural resources. The institution also provides its infrastructure to other educational agencies for conduct of weekend classes as also examinations. Although the institution does not have extensive space for growth, good planning has been instrumental in the optimum utilization of available space and resources. Computerization and modernization have been the major areas of infrastructural development during the last five years.

4.1.2 Detail the facilities available for

A) Curricular activities

- The College has well furnished classrooms, laboratories, computer laboratories, seminar halls/conference halls, and a spacious auditorium. Seminar halls/conference halls are shared by all departments whenever required. Central Library is accessible to all departments. Audiovisual aids like LCD, OHP and computers are available in all departments. A public addressing system is also there in the college.
- Each department has developed infrastructural facilities, research labs, sophisticated equipments availed through university plan grants, UGC and DST.
- Department libraries cater to the reference needs of the student community.
- Computer labs with internet connection in the departments for the benefit of the students.
- Career Guidance and Placement Cell room to motivate and guide the students to gain full employment after studies.
- Botanical garden with a good collection of plants, a typical pond ecosystem (Dept. of Botany)
- Animal Museum with different species of animals reserved and kept in stuffed condition, vermi composting unit with Earthworm species (Dept. of Zoology)

- Language lab with sophisticated software (Dept. of English).
- IQAC room for the coordination of activities of IQAC of the college including NAAC Re-Accreditation process.

B) Co-curricular activities:-

- NCC and NSS – Rooms for officers of NCC and NSS, rooms equipments and instruments

C) Extra-curricular activities:- The college has good facilities for extracurricular activities and sports. –

- A separate sports department with required facilities for giving training to students in the following sports and games: cricket, kho-kho, kabaddi, volleyball, football, softball, basket ball and athletics and indoor games like shuttle badminton, table tennis and chess. Basket ball court, valley ball court, play ground, sports material store room and staff room are the infrastructure available.
- An auditorium for the presentation of cultural activities.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any). Master Plan enclosed – Part D- Annexure I.

The college plans and ensures adequate availability of physical infrastructure through proposals to the management and UGC to increase and extend its physical facilities while ensuring optimal utilization of its present facilities by planning the routine structure. Apart from the teaching and research activities of the college, the infrastructural facilities of the college are made available to other bodies for conducting various examinations such as Mahatma Gandhi University Examinations, various Scheduled banks, ICWA off campus courses etc. The auditorium of the college is used by many social, cultural, and educational bodies of Kottayam town regularly. Bank recruitment examinations are often conducted in the auditorium on holidays

In the last five years, following buildings have been constructed.

- Ladies Hostel (1 crore-UGC fund) + 75 lakhs from Management.
- New building for canteen
- New Block for Politics and Vocational B.Com departments. (Two new storeys)

Renovation

- Toilet for women students (Rs. 2 lakhs UGC)

- Language lab (add-on course) – Dept. of English (Rs. 7 lakhs, UGC)
- Bioinformatics and Computer lab; Microbial inoculant lab (Dept. of Zoology, Rs. 7 lakhs, UGC)
- UGC network resource centre (Rs. 3.5 lakhs, UGC)
- Career and Counselling centre (Rs. 2.3 lakhs, UGC)
- Modernisation of PG Labs (Physics / Chemistry) 10 lakhs (UGC).

The newly built physical infrastructure as well as existing infrastructure is furnished with adequate furniture and equipments to facilitate teaching and research utilizing management funds and UGC assistance.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The college is trying to make infrastructure facilities like ramps to meet the requirements of the students with physical disabilities. In the Women's hostel, there are special toilets for the Physically Challenged. Plans are there to provide ramps and other facilities for physically challenged students and staff.

4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility – Accommodation available**

The College has a Women's Hostel in the College premises itself with a capacity to accommodate 75 students. The hostel started functioning on 1 June 2012. The Hostel is maintained by Prof. Vijayalakshmi, Head of the Department of Mathematics as Warden. Prof. N V Leela, Dept. of Syriac acts as the Asst. Warden. Accommodation available: 75, Rooms in the hostel: 16, A dining room with a seating capacity of 50, Counselling Centre led by eminent Counsellors.

- **Recreational facilities, gymnasium, yoga center, etc.:** Reading Room, TV Room, Yoga Centre, Prayer room, Court for shuttle badminton, Indoor games (Chess, Carroms).
- **Computer facility including access to internet in hostel:** One computer with Internet connection
- **Facilities for medical emergencies:**
First-aid facility available. District Hospital, Kottayam is nearby and provides all facilities to the students and staff.
- **Library facility in the hostels**
A reading room with English and Malayalam newspapers and weeklies.
- **Internet and Wi-Fi facility:** Internet available, no wi-fi.
- **Recreational facility-common room with audio-visual equipments:** Available.

-
- **Available residential facility for the staff and occupancy:** one room can provide accommodation for two.
 - **Constant supply of safe drinking water:** A purified water available round the
 - **Security:** Yes. Watchman (day and night)

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The College has understanding with the District Hospital, Kottayam to provide medical assistance to the students and staff on the campus and off the campus. Periodic medical check up and blood testing are being carried out in the campus in association with the NSS and NCC / Red Ribbon Club of the College.

4.1.7 Give details of the Common Facilities available on the campus – spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

Details of the common facilities available with the institution

- 1) **Staff Room:** The College has 12 departments with separate big staff rooms. In each room adequate facilities such as furniture, computers are made available exclusively for the staff.
- 2) **Vehicle Parking:** There is enough area for vehicle parking in the campus. Staff members and also students park their vehicles in separate parking slots provided in the campus.
- 3) **Canteen:** A canteen with spacious open area around it. It has separate cabins for staff and students. Whenever needed, refreshment is available in the college campus itself.
- 4) **Co-operative store:** Besides selling text books etc, provides photocopying facility and stationery at a reduced rate for students. A variety of snacks and drinks are also available here.
- 5) **Staff Co-operative Society:** provides personal banking services including current accounts, personal loans, savings and F D facilities to the staff.
- 6) **Telephones:** There are BSNL landline connections. Intercoms are there to connect all the departments, library, laboratories, various sections in the office, hostel, canteen, security section, sports department and other places which are relevant to the administration of the College. In addition to this for the usage of the students pay and dial phones have been installed in three places.

- 7) Internet facilities: BSNL Internet Broadband connection has been given to all the departments, administrative sections, UGC Network resource centre, common computer centre, library and other important places.
- 8) Drinking water facility: Aqua guard water purifiers and water coolers are provided in different parts of the campus to provide purified safe drinking water to the staff and students.
- 9) Auditorium: The College has a well-equipped and spacious auditorium in which the meetings, seminars and arts programmes are frequently conducted.
- 10) IQAC Cell office: A well furnished office with net facilities, fax machine, photocopier etc.
- 11) Women's Hall, NSS office, NCC office are also there in the campus.
- 12) A P Mani Media Centre for seminars&Educational Technology Centre for Conferences.
- 13) Post box to post letters, coin phone, letter box for staff in the college office

4.2 Library as a Learning Resource

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

Yes, composition of the committee: Senior and experienced teachers along with the Principal and the Management members constitute the Library Advisory Committee. The members sit together to discuss and finalize purchase of books, journals, magazines and newspapers, library discipline, library construction, duties of the library staff, library computerization, library updation, various library schemes, revival and recovery of lost books, library efficiency.

Initiatives implemented by the committee to render the library user friendly: Library provides open access facilities which help easy access and use of library as a learning resource. Library is kept open to authorized members and entry/access is checked with user ID cards. All the students, teachers and staff of the college are given ID cards and borrowers card for having direct access to library. The college library has computers under LAN with Internet browsing facilities, INFLIBNET online access to full text e-journals (4100 journals) and a photocopier is also there in the library.

The library collection addresses the needs for teaching – learning (UG, PG), research, reference, reading, and preparation of project proposals, reports, and competitive examination through its vast collection.

4.2.2 Provide details of the following:

1. Total area of the library : 2500 sq ft.
2. Total seating capacity : 90
3. Working hours
 - a Working days : 8.30am - 4.30pm
 - b Holidays : No
 - c Before exam days : 8.30am - 4.30pm
 - d During exam days : 8.30am - 4.30pm
 - e During vacation : 9.30am - 4.30pm
4. Layout of the library
 - a. Individual reading carrels : Yes
 - b. Lounge area for browsing : Yes
 - c. IT zone for accessing e-resources : Yes

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years. Table 4.2.3 (30)

Library holdings	2008-09		2009-10		2010-11		2011-12	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books	338	33800	1001	100100	393	39300	1519	151900
Reference Books	38		100		93		519	
Journals/ Periodicals	20		20		23		28	
e-resources								n-list 3800 e- journals

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- OPAC: In-house/ remote access to e-journals: Yes
- Electronic Resource management package for e-journals : No
- Library website : No
- Library automation : Yes
- Total no. of computers for public access:4
- Total no. of printers for public access:1
- Internet bandwidth/speed: 2mbs 10mbps 1gb

- Institutional repository: Yes
- Content management system for e-learning: No
- Participation in Resource sharing networks(like inflibnet): Yes

4.2.5 Provide details on the following items:

- Average no. of walk-ins: 120
- Average no. of books issued/returned: 150
- Ratio of books to students enrolled: 1:30
- Average no. of books added during last three years: 970
- Average no. of login to OPAC: 20
- Average no. of login to e-resources:10
- Average no. of e-resources downloaded/printed: Data not available
- No. of information literacy training organized: Nil
- Details of “weeding out” of books and other materials: Old torn / damaged books are written off. Three times the cost of lost book is collected from the borrower.

4.2.6 Give details of the specialized services provided by the library

- Manuscripts: Yes
- References: Yes
- Reprography: Yes
- Inter library loan service: No
- Download: Yes
- Printing: Yes
- Reading list/ Bibliography compilation: Yes
- In- house/ remote access to e-resources: Yes
- User orientation and awareness: Yes
- Assistance in searching databases: Yes
- INFLIBNET/IUC facilities: Yes, INFLIBNET

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

In order to increase the use of library resources to an optimum level, library staff are providing the right information to the right user at right time. Display of new arrivals, exhibitions on special events, seminars/ workshops/ conferences and group discussions

are arranged to encourage readers to use existing and new arrivals. The new additions to the library are informed to the departments. The library staffs always extend support to the students and the teachers as and when required without any hesitation. They have extended working hours by turn.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Special arrangements have been made in the library for physically challenged persons. Special seating in well – lighted areas and permission to enter even reserved areas for staff are given.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

Oral feedback is currently taken from the students about difficulties faced and suggestions to improve the functioning of the library. The library staff and faculty interact with the students in this regard. Questionnaires are given to selected students and detailed feedback is collected. The feedback collected from the students is subjected to discussions and proper improvements are made in the functioning of the library.

4.3 IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution (2012-2013). Table 4.3.1 (31)

Departments	Chemistry	Physics	Botany	Zoology	Mathe matics
No. of computers with configuration	7	14	6 Deskto p +1 Laptop	10+1 laptop	3
Computer student ratio	1:18	1:7	1:13	1:10	1:33
Stand alone facility	-	-	-	1	
LAN facility	Yes	Yes	Yes	9	
Licensed software		1	1	11	
No. of nodes/ computers with internet facility	6	1	7	9	
Any other				Printer- 3	

Table 4.3.1 (32)

Departments	English	B.Com Model I	B.Com Model III	Economics	Politics	Mala yalam
No. of computers with configuration	18+1 Laptop	15	24+1 Laptop	4	3	1
Computer student ratio	1:10	1:14	1:2	1:45	1:40	1:120
Stand alone facility	3		24			
LAN facility	Yes	Yes	Yes	Yes	Yes	Yes
Licensed software	18	11	21	4	3	1
No. of nodes/ computers with internet facility	1	5	24	4	3	1
Any other	Printer – 1 Printer with copier – 2	Printer – 1 Printer with copier - 2	Seminar Hall with Video conferencing facility	Printer – 2	Printer – 1	Printer – 1 Printer with copier - 1

Table 4.3.1 (33) College Office

Departments	UGC Network Resource Centre	IQAC Office	Career & Couselling Centre	Library	College Office
No. of computers with configuration	13	2+1 laptop	1+1 laptop	1	11
LAN facility	Yes	Yes	Yes	Yes	Yes
Licensed software	13	2	1	1	11
No. of nodes/ computers with internet facility	13	2	1	1	11
Any other	Printer-2	Printer-1	Printer-1, Photostat machine-1	Printer-1, Photostat machine-1	Photostat machine-1 Printer-7

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Each Department has its own computer facility that can be used by the students and the faculty. About 104 computers with the latest configuration are available in the college.

The various departments develop their course presentation for classes, data bank of students, and other activities related to academics.

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

The institution has plans to upgrade the IT infrastructure and software for office automation, admission, library, examination and others.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Maintenance of Computer facilities

Item	2007-08		2008-09		2009-10		2010-11		2011-12	
	Dept fund	Mgmt fund	Dept fund	Mgmt fund	Dept fund	Mgmt fund	Dept fund	Mgmt fund	Dept fund	Mgmt fund
Comput	18369	27300	4994	184525	11890	27447	11415	84698	32618	151600

Most of the updation and major maintenance of the computers are done with the help of funds from management. Minor maintenance and updation works of its computers are done by the departments making use of the department funds.

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

Maximum computer facilities are made available to the faculty and also students as far as the computer aided teaching and learning processes are concerned. Teachers use computers in classrooms by preparing the Power Point presentations. Computer interfaced LCDs are provided to the faculty and students for computer aided teaching/learning. There are LCD projectors in most of the departments and also audio-visual CDs are used in the teaching process. There is only one smart classroom equipped with ceiling-mounted projectors, interactive white boards, electric screens, speakers, computers and VCR & DVD capability.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching – learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

The students are motivated to prepare Power-Point presentations for their seminars and project presentations. The departments conduct various activities in which students participates using computers and LCD projectors. The department provides free internet facility to the students.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of? No.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Management identifies the need for annual maintenance of physical infrastructure and the estimation therein is sought as budget allocation. Based on the need assessment for proper maintenance of equipments, furniture, laboratories and class rooms, budget provisions are optimally made. The requirements given by the Department heads for maintenance of computers and major equipments are followed and accordingly budget allocation is made. Budget allocated for the last four years.

Item	2008-09		2009-10		2010-11		2011-12	
	UGC Fund	Mgmt. fund/ Dept. fund	UGC Fund	Mgmt. fund/ Dept. fund	UGC Fund	Mgmt. fund/ Dept. fund	UGC Fund	Mgmt. fund/ Dept. fund
a. Building				80080	50,00,000	603933	25,00,000	67,61,199
b. Furniture	12000	70677		3400+ 16150		88589+ 4775	135000	86558+ 11550
c. Equipment	72875	63993+ 2180		71851+ 11000		1660	25000	23440

d. Computer	32000	184525+ 2960		27447+ 9050		84698+ 2665	83450	151600+ 12212
e. Vehicles	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
f. Any other		22,43,742		22,80,842		24,93,402		26,72,228

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

Maintenance and repair of buildings, electrical installations and furniture is outsourced to registered contractors through a process of advertisement and invitation of tenders. Equipment is repaired and serviced through respective vendors or through AMCS.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

Calibration and other precision measures for the equipment/instruments are done annually.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Generators have been installed for uninterrupted power supply. Voltage stabilizers are provided for sensitive equipment.

Any other relevant information regarding infrastructure and learning resources which the college would like to include.

Proposal was given to UGC (XII plan) for the construction of an administrative block with an estimated cost of Rs 1.75 crores, and an annex to the ladies hostel utilizing golden jubilee special grant of Rs 25 lakhs

**CRITERION V:
STUDENT SUPPORT AND
PROGRESSION**

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes, the college publishes updated prospectus and hand book every year.

The prospectus provides information regarding the programmes offered by the college, the guidelines for applying and calculation of grade mark for admission etc. It also gives an overview of the rules and discipline in the campus as well as the facilities in the college.

The hand book and calendar of the college is given to each student studying in the college. It contains the college anthem, a brief history of the college, details like names of former principals and managers, about the present management, the programmers, updated profile of each department, names of the faculty members dept. wise and also their contact numbers. The hand book also contains information on all the activities (like clubs), teachers in charge of each club, the facilities provided to the students, the rules and regulations to be followed and the annual calendar. A committee is constituted each year to monitor the preparation and updation of the handbook.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The institution gives financial support to the students by providing scholarships, freeships and endowments. The scholarships provided by the institution are UAE Baselian Scholarship (sponsored by Alumni), Jasu Mary Chacko Scholarship (Alumnus), Indian Jeeva Karunya Trust Fund Scholarship, AIACHE Scholarship for Christian leadership, AIACHE Scholarship for Dalit Christians and so on. During the last four years a total amount of Rs. 2,14,500/- was distributed as scholarship among 153 students. Other than this, free ships for Rs. 1,63,000/- were given to 52 students. The institution supports and encourages students by giving endowments to meritorious students at the end of each academic year. Approximately Rs.45,000/- is given as endowments to about 80 students annually. During the last four years, endowments of Rs. 1,96,440 /- were given to 389 students.

All the above stated financial aids were received and disbursed on time. The details of the scholarships and freeships are given.

Given below the details of the Scholarships, Freeships and endowments

**Financial Support given by the Institution Scholarships/Freeships/ Endowments
(Consolidated)**

	Item	Scholarship	Freeship	Total	Endowment	Grand Total
2007-2008	Total Amount	45000	21600	66600	37000	103600
	No.of Recipients	36	10	46	74	120
2008-2009	Total Amount	46000	18900	64900	37000	101900
	No.of Recipients	39	7	46	74	120
2009-2010	Total Amount	47500	46500	94000	37820	131820
	No.of Recipients	32	15	47	79	126
2010-2011	Total Amount	35000	36000	71000	38800	109800
	No.of Recipients	20	10	30	80	110
2011-2012	Total Amount	41000	40000	81000	45820	126820
	No.of Recipients	26	10	36	82	118

Year: 2011-12: A total amount of Rs. 41,000/- was given to 26 students as scholarship. The UAE Baselian Scholarship for Rs.20,000/- was given to 5 students. The Indian Jeeva Karunya Trust Fund scholarship of Rs. 15,000 was distributed among 15 students. Each student received Rs. 1000/- . The scholarship sponsored by our alumnus Jasu Mary Chacko was distributed among 6 students and the total amount was Rs. 6000/-. A total amount of Rs. 45,820/- was distributed as endowments to 82 students and Rs. 40,000/- was distributed as freeships to 10 students.

Year: 2010-11: A total amount of Rs. 35,000/- was distributed as scholarship among 20 students. Besides this 10 students received freeships. The UAE Baselian Scholarship for Rs. 4000/- each, was provided to two students considering their merit and economic background. A total amount of Rs. 15000/- was distributed among 15 students as Indian Jeeva Karunya Trust Fund Scholarship. During this year freeships were given to 10 students. A total amount of Rs.38,800/- was distributed as endowments to 80 students.

Year: 2009-10: The total scholarship amount distributed was Rs. 47,500/- and there were 32 recipients. The UAE baselian scholarship of Rs. 20,000/- was distributed among five students. The Indian Jeeva Karunya Trust Fund scholarship for Rs. 20,000/- was distributed among 22 students. AIACHE scholarship for Christian leadership was distributed among five students (Rs. 1500 each). The freeships for Rs.46,500/- were given to 15 students. A total amount of Rs. 37,820/- was distributed as endowments to 79 students.

Year: 2008-09: A sum of Rs. 46,000/- was given as scholarships to 39 students. UAE baselian scholarship of Rs. 4000/- each was given to five students. Indian Jeeva Karunya Trust Fund scholarship for Rs. 20,000/- was distributed among 30 students. AIACHE scholarship for Rs.6000/- was distributed among four students. Seven students were given freeships. The total amount for freeship was Rs.18,900/- . A total amount of Rs. 37,000/- was distributed as endowments to 74 students.

Year: 2007-08: A sum of Rs. 45,000/- was given as scholarships to 36 students. UAE baselian scholarship of Rs. 4000/- each was given to five students. Indian Jeeva Karunya Trust Fund scholarship for Rs. 20,000/- was distributed among 30 students. AIACHE scholarship for Rs.5000/- was distributed among five students. 10 students were given freeships. The total amount for freeship was Rs.21,600/- . A total amount of Rs. 37,000/- was distributed as endowments to 74 students.

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

Deserving and eligible students of the college receive financial assistance primarily from the State government. Students Aid Fund for economically backward students, Fishermen Scholarship, Scholarship given by Education dept. to Lakshadweep Island students, Higher education scholarship, Post metric scholarship, Central sector scheme scholarship, Kerala State Suvarna Jubilee merit scholarship, University merit scholarship for UG students, University merit scholarship for PG students etc are financial aids obtained from the state government and the university for students. Other than these funds, all students belonging to SC/ST and OEC category receive SEBC and KPCR monthly stipends. The KPCR stipend is received by UG students who have annual income of less than Rs.24,000/- and for PG students who have annual income of less than Rs.42,000/-. From the year 2009-10 onwards the stipend is not distributed through the college but is obtained as e-grant directly from the

government to the bank account of the students who have registered with 'Akshaya' through the college. Including SC/ST and OEC students on the average, *26% percentage of our students receive financial assistance from various government organizations and other national agencies.*

In the year 2011-12, a total amount of Rs. 95,577/- (other than the SEBC and KPCR stipends) was received from state government and other agencies. This was distributed among 17 eligible students. In 2010-11, the total financial aid (excluding the SEBC and KPCR stipends for SC/ST) for students was Rs.1,14,063/- The recipients were 29 students. A total amount of Rs.1,47,624/- was received by 30 students during 2009-10. In 2008-09 including SEBC and KPCR stipend and lump sum grant a total of Rs. 1,96,446/- was distributed among 83 students. In 2007-08 also the SEBC and KPCR stipend was distributed through the college. This amounts to a total of Rs.99,858/- and was given to 63 students.

5.1.4 What are the specific support services/facilities available for

Students from SC/ST, OBC and economically weaker sections: The College gives importance to the education of socially and economically backward students. The college has an SC/ST monitoring cell. The Principal is the convener of the cell and there are two other teaching staff and one nonteaching staff. Almost 15% of the students in the college belong to SC/ST category. In all the UG and PG programmes of the college 20% of the seats are reserved for SC/ST students. All the students in this category get financial assistance of Rs. 500/- per month as stipend from the state government besides the fee concession. The college takes all the necessary steps to ensure that all the SC/ST students get the financial aid for which they are eligible. From the year 2009-10 onwards the SEBC and KPCR stipend is obtained as e-grant directly from the state government to the bank account of the students who have registered through the college with "Akshya". These students are provided ATM Card of SBT. The college also supports them by giving special coaching for various subjects at department level. Remedial classes for students of SC/ST/OBC and economically weaker sections are conducted in various subjects by the respective departments. The college provides free facility for the SC/ST students in the College ladies hostel.

Students with physical disabilities: 3% of seats are reserved for physically challenged students in each programme in UG and PG.

Overseas students: At present no overseas students study in the college.

Students to participate in various competitions/National and International: The institution helps the students to participate in various cultural and sports competitions by providing coaching and financial assistance. Details of the various clubs supporting cultural activities and details of support given by the Physical Education Department to promote sports and games are given in item 5.1.6. and 5.3.1

Medical assistance to students: health centre, health insurance etc.: Group insurance for all students of the college has been arranged.

Organizing coaching classes for competitive exams: The College has a Career Guidance and Placement Cell with the objective of giving general awareness about various job opportunities, professional courses and enhances the employability of the students through training. Every year classes are arranged for the final year degree and PG students on various topics. They are made to prepare their bio-data and submit to the placement cell. These bio-data are furnished to various institutions for recruitment. In addition to that the department of English and Commerce has started UGC and NET coaching classes to their PG students. Details of the activities of the cell are given in item 5.1.9.

Skill development (spoken English, computer literacy, etc.): To develop skill in spoken English, a “UGC sponsored add-on course in Communication Skills in English” is being conducted by the English Department. There is a language lab in the college for improving spoken English. The various subject associations and club activities play substantial role by conducting a handful of programmes every year which contribute to the skill development of students.

Computer literacy: The full fledged Computer Centre and Audiovisual Centre facilitate basic training to the students, and has made a conscious effort to invest in the hardware and train the faculty in documentation and data processing.

Support for “slow learners”: In each class slow learners are identified and special coaching is given to them by various departments of the college. Remedial classes in various subjects are arranged for these students during 9 am to 10 am every morning.

Exposures of students to other institution of higher learning:

- * Access to MG University library, other libraries of Research Centres inside and outside the State etc. (Public library, also made available)
- * Tie-up with British Council library was made available (earlier)
- * NET coaching centres are made available for developing research mentality. (Diff. PG Depts.)

- * Lab facility for science students is made available in MG University and Research Centres.
- * National and International seminars properly attended by students and research scholars in other institutions and paper presentations and publications are made.

Publication of student magazines: College magazines bring out the budding talents of the students. To enable this, the college publishes a college annual magazine and campus magazine “Baselian” which is published twice a year. In addition, the students publish magazines and manuscripts at department level. Details of the publications are given under item 5.3.4

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

A handful of outstanding entrepreneurs for the growing industrial sector - the Baselius College ‘Entrepreneurship Development Club’ are performing at its best for the fulfilment of this dream. A worthwhile evidence of this can be seen from the varied nature of activities of the club during the last 4 years. Every year to inculcate the idea of entrepreneurship, the club conducts orientation programmes for the newly admitted students. Besides the orientation programmes, the members of the club are given opportunity to visit industries and interact with the industrial people.

The following are the list of orientation programmes, workshops and industrial visits made by the club members during the last four years.

Date	Programme	Resource Person /Industry Visited
19 Aug. 2011	Orientation	Prof. Rajan George Panicker, HOD, Management Science, K. G. College, Pampady
3 rd Dec, 2011	Industrial Visit	Industrial Estate , Kalamassery
31 st Jul, 2010	Orientation	Sri. Ajay Krishnan
22 nd Aug, 2009	Orientation	Sri. Suresh Kumar
11 th Nov, 2008	Orientation	Mr. P.N. Vijayan, Deputy Director, DIC, Kottayam
9 th Feb, 2008	Industrial Visit	1. M/s. Goldsun Paints 2. M/s. Industrial Engineering Corporation 3. M/s. Rubber Industries Enterprises

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, quiz competitions, debate and discussions, cultural activities etc. additional academic support, flexibility in examinations, special dietary requirements, sports uniform and materials, any other

The college encourages and support the students for participating in various extracurricular and co curricular activities. We have different clubs like Music club, Choreography club, Histrionics club etc which supports the students in extracurricular

activities and Debating club, Quiz club, Career guidance club etc for supporting co curricular activities. These clubs provide training for cultural activities and support the students for participating cultural competitions. The PTA fund and management fund are made available for this. The institution supports the students by giving travel allowance and financial aid to meet other expenses like rent charge for costumes etc. For any competition the teacher in charge accompanies the students. The students who participate in any competition are provided with attendance for those days and also for the days of their practice. Retest is conducted if a student fails to attend an internal examination due to participation in competitions. The institution takes all the necessary steps to obtain the grace mark which is available for the student in their university examination. A student who won first prize in a university level competition will get two Grade Point Average as grace mark, for second prize 1.6 GPA, for third prize 1.2 GPA and for “A” Grade they get 2 GPA.

In the year 2011-12, 58 students of our college participated in University youth festival and they won prizes in 10 events. 45 students from the Dept. of Commerce participated in various intercollegiate cultural competitions and 32 of them won prizes. These students were given special training by the department. Details of the participation in various competitions are given under item 5.3.1

Sports and Games: The Department of Physical Education which is ranked as one of the best departments in M. G. University is doing a great job to promote participation of students in sports and games. The government of Kerala is spending Rs. 20 lakhs every year for the students admitted in sports quota in our college. These students are given free accommodation and food. 20 sports quota students are admitted every year. For each sports council student Rs.100/- is spent as daily mess expense and a total of Rs. 90,000/- as monthly mess expenses. These students are given intensive coaching by expert coaches of sports council and other coaches. A total amount of Rs. 75,000/- is spent as salary to coaches every month.

Details of the sports quota admissions and facilities provided to the sports students are given below.

Percentage of seats under sports quota: Two seats in each programme (interchangeable) shall be reserved for candidates with outstanding records in sports and games. The applicant for admission to reservation quota should have represented at least the district sports zone.

Accommodation provided for sports quota students: Management has a special scheme for promoting sports talents of economically backward students. The management is providing accommodation in a rented building outside the campus for more than 10 students. We are also providing free food from the college canteen and these students are undergoing regular training under the guidance of the department of physical education in various games.

Coaching given by the sports council coaches to the students admitted in sports quota: Kerala sports council has a centralized sports hostel in Kottayam. Our college is admitting sports quota students allotted to the centralized sports hostel from the Kerala sports Council in different disciplines. Students are undergoing regular training in the morning as well as in the evening under physical education teachers of the college and sports council coaches. We are getting the service of the following coaches of Kerala sports council:

1. Athletics - Dr. George Immanuel, Sri. Avinash
2. Volley Ball - Sri. Manoj S.
3. Football - Sri. Jayan T. D

Every year Kerala sports council is spending an amount of around Rs. 20 lakhs for the student's accommodation, food, insurance, playing kit and the coaches' salary.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, GATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

The following table gives the details of the number of students appeared and passed the competitive exams.

Exam	2007-08	2008-09	2009-10	2010-11	2011-12
UGC-CSIR-NET/ UGC-NET	1	1	-	1	13
SET	-	1	1	-	-
ATE/CAT/GRE/TOFEL/GMAT	-	-	-	-	-
Defence	-	-	-	-	1
Civil Services	1	-	-	-	-
GATE	-	-	1	1	-

The institution helps the students for preparing for competitive exams such as UGC-CSIR-NET, Civil Services, etc by arranging coaching classes for students. The PG Forum of the college also arranges classes for the PG students of various departments.

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The following table gives the number of clients who approached the counselors for personal help.

Year	Name of the counsellor (Teacher in charge)	No. of students			No. of cases referred to psychologist/ psychiatrist
		Boys	Girls	Total	
2011-12	Dr. Maya Kuriakose	18	22	40	2
	Sri. C.V. Scariakutty	25	16	41	1
	Dr. Annie Cherian	3	14	17	-
	Smt. Jyothi Susan Abraham	8	11	19	-
2010 -11	Smt. Mary Mathew	16	21	37	1
	Dr. Maya Kuriakose	12	18	30	2
	Sri. C.V. Scariakutty	21	12	33	1
	Dr. Annie Cherian	8	13	21	-
2009-10	Smt. Mary Mathew	18	23	41	2
	Dr. Maya Kuriakose	22	16	38	1
	Sri. C.V. Scariakutty	27	9	36	2
	Dr. Annie Cherian	9	18	27	-
2008-09	Smt. Mary Mathew	17	20	37	1
	Dr. Maya Kuriakose	21	18	39	2
	Sri. C.V. Scariakutty	25	12	37	1
	Dr. Annie Cherian,	7	16	23	-
2007-08	Smt. Mary Mathew	8	25	33	2
	Dr. Maya Kuriakose	16	19	35	1
	Sri. C.V. Scariakutty,	27	11	38	1
	Smt. Susan John K	12	17	29	2
	Dr. Annie Cherian,	4	8	12	-

Adolescence is the age of expansion, experimentation and experiences. Students in their adolescence and youth have many doubts about physical, mental, intellectual and spiritual matters. All their doubts may affect their behavioral patterns. Teachers are not only academic consultants but also transformation agents, facilitators and counsellors.

Some students face financial constraints. Some others come from broken families. Quite a good number of them are affected by psychological problems. Some are having wavering attitudes in maintaining healthy relationship with the opposite sex. Many of them are unable to concentrate on studies. Through counseling, students are helped to acquire emotional maturity which help build up a healthy campus.

To achieve the above mentioned objectives, a functioning counselling centre was inaugurated in June 1998 by the Manager, H.G. Philipose Mar Eusebius. Prof. V.V Mathew, Dept. of Physics and Prof. Mary Mathew, Dept. of Malayalam were entrusted to be the co-ordinators of the centre. A spacious room is allotted in the college campus for the functioning of the counselling centre. Students are given proper counselling in the facilities provided. Every year the principal allots a group of teachers as student counsellors. The list of teachers in charge of student counselling in the last five years is given above.

Methodology adopted

A three dimensional approach is taken to identify those who need emotional or psychological support.

1. Open lectures by eminent personalities in the field of psychology and counselling are arranged. By their presentation and discussions students get awareness about their personality and start to think about seeking proper guidance and support.
2. Class tutors help the counsellors to identify those who need help. During the continuous tutorial sessions the students build up rapport between the tutor concerned and open up feelings and frustrations. The tutor will get awareness about the strength and weakness of each student. This helps the tutor to identify those who are in personal crisis and direct them for counselling.
3. The students themselves identify the problems of their peer group and ask the students and teachers about the problems of their classmates.

Major Problems Identified: The functioning of the centre help to identify many problems among students. Most of the students are strengthened by minimum interactions. In some cases the students with the help of their parents are sent for psychological help to psychologist and sometimes to psychiatrists. In a few cases the family of the students had sessions. In almost all cases parents cooperated with the student counsellors.

The major problems identified are alcoholism in the family, financial problems, addiction to pan parag, alcohol, smoking, feeling of isolation, broken family, sudden demise of parents/relatives, love affairs, sexual abuse, lack of self confidence, lack of

determination, frustration, depression due to many reasons, difficulty in facing the reality of life, addiction to mobile phone, social and visual media, channel etc., and lack of respect for elders.

Therapies Recommended: Continued interaction of the counsellor with the clients help to open up their minds which itself is a good therapy. When students feel that there is someone to listen to their problems and understand them, they feel relaxed. When the mind is set free and clear they could concentrate more. Recommendations for yoga, reading, writing, active participation in sports, extracurricular activities and socially benefitting activities are given. Helping students to manage time properly itself will help to solve their problems to a major extent.

- 5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).**

During this year, campus interviews by various institutions were conducted and 6 students got selection.

Sl. No.	Name of the Company	Year of selection	No. of Students
1.	South Indian Bank	2012-13	6
2.	South Indian Bank	2010-11	1
3.	MRF	2010-11	3
4.	Malayala Manorama	2010-11	1
5.	Keltron Bigleap Corporate and Campus connect programme	2010-11	1
6.	Biacripech Technology	2010-11	Nil
7.	Franklin Institute of Air Hostess training	2010-11	Nil

The main objective of Career Guidance and Placement Cell is to give general awareness about various job opportunities, professional courses and enhance the employability of the students through training. Every year, classes are arranged for the final year degree and PG students on various topics. They are made to prepare their bio-data and submit to the placement cell. These bio-data are furnished to various institutions for recruitment.

In the year 2008-09, the forum arranged classes for the final year UG and PG students. These classes were handled by resource persons from various institutions like Associated Company Secretaries of India, ICICI Bank, HDFC Bank, MRF etc. Experts from human resource field conducted classes in February, 2009, on 'how to face the interview board' and 'how to perform in group discussions'. On the basis of this students prepared their bio-data and submitted to the placement cell. These bio-data were forwarded to institutions such as Infosys Technologies Ltd., Malayala Manorama, MRF, LIC of India, United India Insurance Company, ICICI Bank etc. Eleven students were selected on this basis. In 2009-10, a one day seminar was conducted in August 2009 for the final year degree and PG students. Resource persons from professional institutions engaged the classes. In September 2009, TIME Institute conducted classes on CAT and MAT examinations and MBA programme. During the year the Franklin Institute conducted an interactive session for final year students giving awareness about the job opportunities in travel and tourism industry and civil aviation field. The LIC of India conducted a campus recruitment drive in our college and four students got selection as development officers. During the year about 45 students attended the recruitment drive held at Hotel Le Meridian, Cochin, BVM College, Cherppunkal, and CMS College, Kottayam with the assistance of the Placement cell. About six students got selection by attending the same.

In 2010-11, the placement officer of our college attended Placement Officers Meet, conducted by Southerland Global Services on 18.02.2011 at Cochin. Seven companies conducted interactive sessions for final year students giving awareness about the job opportunities in their institutions; namely Akbar Academy of Airline Studies (22-08-2010), D.C Books (7-10-2010), University Employment Information and Guidance Bureau, M.G University (25-2-2011), TIME Institute of Management, Career Launcher, ICICI Insurance Company, IMS Shipping Careers.

In 2011-12, the Career Guidance Club arranged a programme in "Career Guidance and Placement" by Guider's Academy, Ernakulam on 12.03.2012. 15 students were sent for placement drives organized at various institutions. The institutions are Mar Augustinose College, Ramapuram on 22 and 23 Dec, 2011; Matha College of Technology, North Paravoor on 18.02.2012 and Wipro WISTA programme. Miss Revathy Manmadhan was selected to Wipro.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The college has a Student Grievance Redressal Committee to solve the complaints of the students. The committee consists of two student members (College Union Chairman and College Union Secretary) and three teaching staff. The committee has redressed many problems during the last four years. The nature of the grievances reported and redressed during the last four years is mentioned in 6.2.9. The details are kept in the confidential files in the safe custody of the Principal.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

Ethics Committee - The College takes strict action against sexual harassment in the campus. The college has an 'Ethics Committee' which is very vigilant and it takes necessary action whenever needed. In the year 2011-12 a complaint was registered by a girl student of second year B.A Politics class that her photo was taken in mobile camera by her classmates during class time. The college reported the case immediately to the cyber cell and also dismissed the students who were found guilty on enquiry.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

At the time of admission, the students and their parents are made aware of the consequences of ragging and copies of the booklet on anti-ragging regulations have been freely distributed to all applicants. In the application form itself it is mandatory to sign an anti-ragging declaration. Besides this, 'The Kerala Ragging Prohibition Act' is published in the college hand book. Also, at the beginning of each academic year, the senior students take an anti-ragging pledge. The institution has a vigilant Anti Ragging Squad and Anti-Ragging Committee, which ensure that ragging does not take place in the campus. Since this committee is very vigilant, no instances of ragging are reported during the last 5 years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

For the welfare of the financially backward students, a 'Student Aid Cell' is functioning in the college which gives many scholarships to the economically weaker but meritorious students. Students who cannot afford lunch at noon are given free lunch by using funds from the unique programme "Fast a day and Feast your Friend". Details of the institutional free ships and scholarships are given in the appendix. Financially poor students who are active in sports are given free accommodation and food and also training in the particular sports event in which they are talented using management fund. List of students who got the benefits during the last four years is given in the appendix.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, the college has a registered Alumni Association, "We Baselians". The executive committee of the association consists of the college principal, teachers and several alumni members. In addition to this, chapters of the alumni association at the department level are also very active. An Alumni day is observed on October 2nd every year. Different Alumni chapters of our college are active in the Gulf region and in America. They contribute to the infrastructural development of the college and also provide scholarships and endowments to the students. There are many famous persons in our alumni including the present Home Minister of the State, two MLAs, several film actors and two famous playback singers.

The "UAE Baselian" our alumni chapter in the gulf region has instituted a "UAE Baselian Scholarship" for our students. The scholarship amount is Rs. 20,000/- which is given to two students (one first year UG student and one first year PG student) considering their merit and economic background. The UG student gets a total amount of Rs. 12,000/- and the PG student gets Rs. 8000/- during their entire course (Rs. 4000/- each year).

Alumni of Commerce department have instituted endowments in the name of former professors of the department, Prof. M. C. Jacob and Prof. A. A. Markose. An intercollegiate Commerce Fest trophy in memory of late Prof. P.J John is also instituted by the alumni of the department. In the year 2011-12 one of our alumni donated the curtain of our College Auditorium. Alumnus of Chemistry department contributed a laptop to the department. Our Alumnus Mr. Abraham Stephen who is a leadership trainer is taking orientation classes for the first year degree students of the college every year.

The department of Economics has an association of the old students and existing students called 'Commune'. This association conducts a music fest, "Symphony" and a dance fest, "Noopur" every year. The alumni of the department participate actively in these cultural fests. Our renowned alumnus "Guinness Pakru"(Mr.Ajaykumar) famous cine artist, presented cultural programmes in these cultural fests.

The 'English Chapter' of the Alumni Association has been coming together for quite some years and have been keeping track of the progress and development of the department over the years. A newsletter "SNIPPETS" published for the benefit of the alumni enlightened them on this aspect. The department is proud to place on record the sponsorship of the Alumni of 70's who were taught by Prof. P. Rajaram Menon to

conduct the Rajaram Menon Memorial Lecture. Eminent scholars and public luminaries have been resource persons for this lecture which has already had four editions. The family of professor Menon whose daughters are also alumni of this institution has instituted an Endowment in his name for the topper in English for the whole college. Another praiseworthy enterprise of the alumni is the donation of a book by the outgoing UG and PG students (Rs. 300/- for B.A and Rs.500/- for MA) to the PG Library. This project has entered the fourth year now. The alumni also rushed to our help with sponsorship (financial assistance) to conduct the National Seminar on “Language and Representation: the Mystique of Representation” on 14 and 15 January, 2011.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	%				
	07-08	08-09	09-10	10-11	11-12
UG to PG	44.6	58.31	40.22	48.07	58.17
PG to M.Phil.	10	11	10.5	10	11
PG to Ph.D.	5	1	3	7	5
Employed					
• Campus selection	1	2	4.5	3	4
• Other than campus recruitment	7.5	11.57	10.25	10	7.4

The data given in the above table is based on the estimate received from various departments. We are unable to collect the full information in this regard, as many students will not report where they are, except a few. However, efforts to record the address and phone numbers of outgoing students are in progress, so that in future such data can be collected.

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university). Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

For the last four years, the institution is having very good results in all under graduate and postgraduate programmes. The institution’s average pass percentage is higher than that of the university average during these years. The details of the programme wise pass percentage and of distinction are given in the table. Graphs of the results which enable year wise comparison are also provided.

Pass % of UG Programmes for the last 5 years, % of distinction is given in parenthesis. (Table 5.2.2)

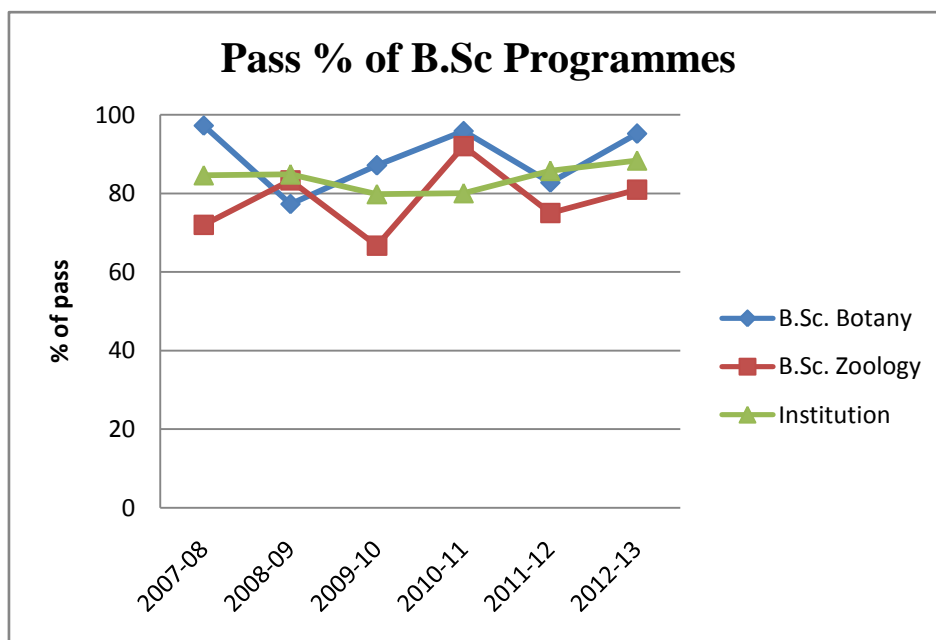
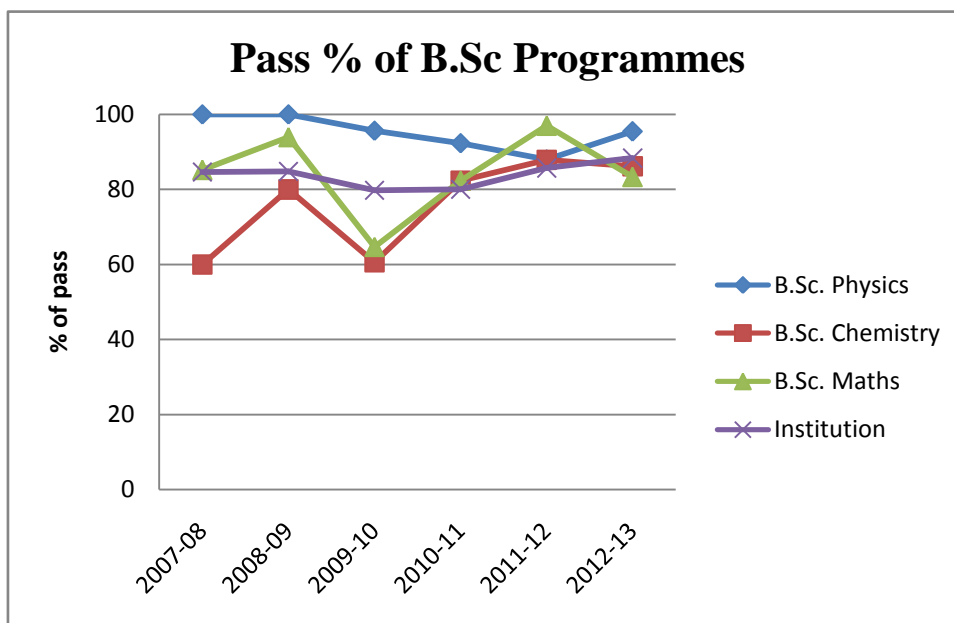
Programme (UG)	Year					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
B.Sc. Physics	100.00 (11.11)	100.00 (5.56)	95.65 (13.04)	92.31 (28.08)	88.00 (16.00)	95.45 (45.45)
B.Sc. Chemistry	60.00 (15.00)	80.00 (8.00)	60.61 (NIL)	82.35 (5.88)	87.88 (12.12)	86.21 (48.28)
B.Sc. Maths	85.19 (7.41)	93.94 (15.15)	64.71 (5.88)	82.35 (5.88)	96.97 (36.36)	83.33 (40.00)
B.Sc. Botany	97.22 (NIL)	77.27 (NIL)	87.10 (NIL)	95.83 (NIL)	82.76 (10.34)	95.15 (11.54)
B.Sc. Zoology	72.00 (4.00)	83.33 (8.33)	66.67 (NIL)	92.00 (4.00)	75.00 (3.57)	80.95 (4.76)
BA English	88.10 (NIL)	85.71 (NIL)	77.78 (NIL)	85.37 (NIL)	88.68 (15.09)	92.16 (23.53)
BA Economics	100.00 (NIL)	85.00 (NIL)	82.35 (NIL)	81.40 (NIL)	80.39 (5.88)	68.09 (2.13)
BA Politics	71.79 (NIL)	80.65 (NIL)	90.70 (NIL)	43.90 (NIL)	63.16 (NIL)	76.92 (NIL)
BA Malayalam	100.00 (NIL)	100.00 (NIL)	96.55 (NIL)	96.15 (NIL)	77.78 (11.11)	92.86 (17.86)
B.Com. Regular	74.47 (8.51)	70.00 (15.00)	69.09 (3.14)	71.19 (8.47)	98.11 (49.06)	98.08 (26.92)
B.Com Voc.	81.25 (NIL)	87.88 (3.30)	91.89 (5.41)	84.21 (5.26)	97.22 (13.89)	100 (16.22)
Institutional Average	84.62 (4.19)	84.80 (2.89)	79.80 (2.49)	80.05 (4.7)	85.71 (15.72)	88.35 (21.14)

Pass % of PG Programmes for the last 5 years, % of distinction is given in parenthesis.
(Table 5.2.2 ())

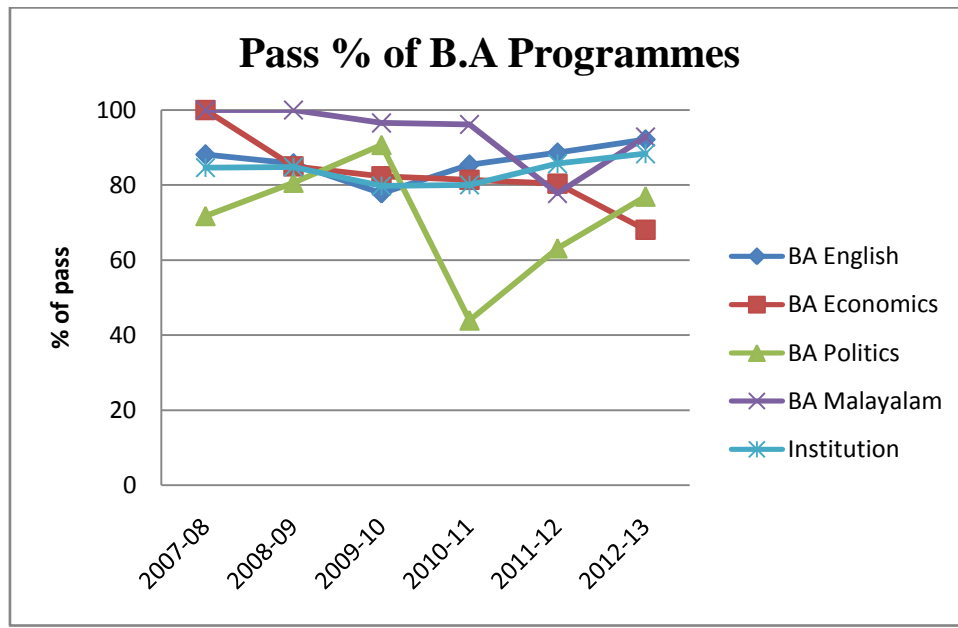
Programme PG	Year				
	2007-08	2008-09	2009-10	2010-11	2011-12
M.Sc. Physics	50.00 (7.14)	50.00 (7.14)	63.64 (9.09)	63.64 (NIL)	71.43 (14.00)
M.Sc. Chemistry	50.00 (18.75)	66.67 (6.67)	66.67 (50.00)	66.67 (20.00)	77.78 (11.00)
MA English	35.00 (NIL)	38.10 (NIL)	18.75 (NIL)	100.00 (NIL)	81.82 (NIL)
MA Economics	30.77 (NIL)	63.64 (NIL)	12.50 (NIL)	35.71 (NIL)	50.00 (NIL)
M.Com.	75.00 (6.25)	92.86 (14.29)	93.33 (20.00)	76.47 (11.76)	100 (17.00)
Institutional Average	48.10 (6.33)	60.00 (5.62)	54.41 (15.80)	69.86 (6.35)	77.27 (8.40)

Details of Result analysis for the last 5 years for UG and PG are given in *Appendix 5.c*.

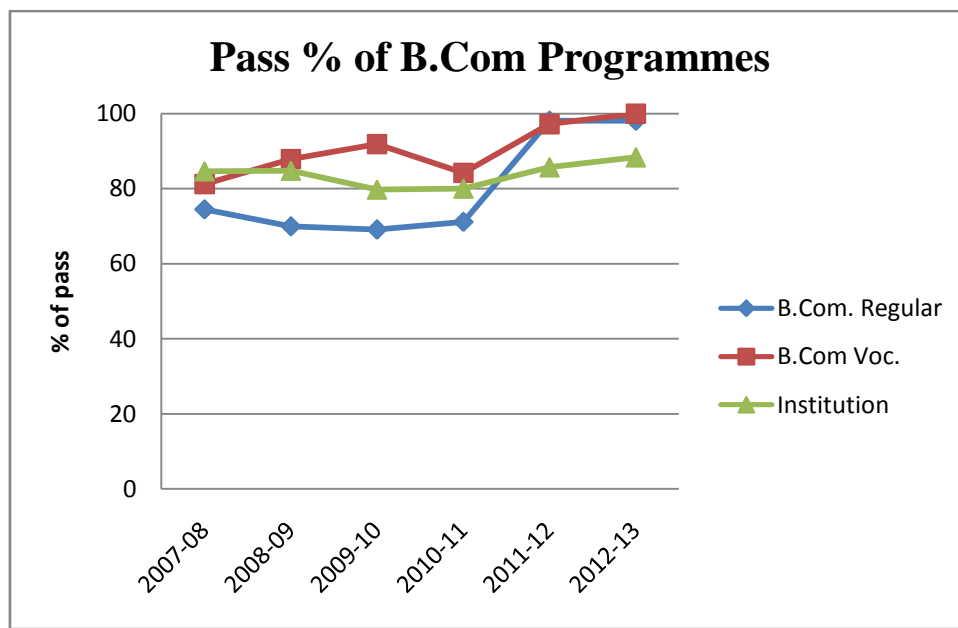
Result of B.Sc. Programmes for the last 5 years



Result of B. A. Programmes for the last 5 years



Result of B.Com Programmes for the last 5 years



Total (UG & PG) pass percentage and distinction, institutional average

Year	Appeared	Passed	Distinction	% of pass	% of distinction
2007-08	430	335	18	77.91	4.19
2008-09	404	324	21	80.20	5.20
2009-10	464	353	22	76.08	4.74
2010-11	464	364	23	78.45	4.96
2011-12	406	345	69	84.21	17.00

5.2.3 How does the institution facilitate student progression to higher level of education and /or towards employment?

The college gives exposure to the students about national institutions, universities and other institutions offering PG, M.Phil. and Ph.D. courses in their subjects through formal and informal classes. The institution motivates and encourages the students to go for higher studies. It also helps the students who wish to proceed towards employment by giving information about the career opportunities and also coaching which prepare them for competitive examinations and interviews. Details of the functioning of the career guidance and placement cell are given under item 5.1.9. Various MBA institutes conduct awareness classes for Commerce. The brochures received in this regard from various institutes are displayed in the college Notice Board and this gains attention of many students.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Each department identifies the students who are at the risk of failure and special coaching is arranged for them in the subjects in which they are weak. Remedial classes are arranged on Saturdays and also during 9.00 a.m. to 10.00 a.m. on regular working days. In every class the class tutors identifies the top 10 students and the last 10 students and are given special care and coaching. The students who are at risk of drop out are also identified by the class tutor and are given counselling. After identifying the reason, they are given the support they need. The students who have financial problems are provided with financial support using management fund.

5.3 Student Participation and Activities**5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.**Athletics

- * Jomon P P (2007-08) (D2 Politics) created a new meet record in 400mt Hurdles in the MG University athletic championship. He also secured II position in 4X300mt relays in

the All India Intervarsity Athletic championship. He secured 1st position in 400mt hurdles in the M.G. University athletic championship in 2008-09.

- * Joel Joseph secured II position in 110mt hurdles in the All India Interuniversity Athletic Championship. (2008-09)
- * Sajith K secured gold medal in 4 x 100mt relay in the National Youth championship. (2008-09)
- * Jinson Johnson secured II position in 1500mt race in the National junior championship. (2008-09)
- * Joel Joseph, Jomon P.P., Jinson Johnson, Alwin Thomas & Sajith K represented MG University in the All India Interuniversity competition.
- * Tinu Joseph (D2 Politics) – II place in 800 mt and 3rd place in 1500mt in the M.G. University Athletics Championship. Member of the M.G.University Cross Country Team. Member of the M.G. University Athletics Team. Created a new meet record in the Kerala State Athletic Championship. (2012-13)
- * Kuriakose Mathew (D2 Eco) – II place in cross country championship, M.G.University. Created a new meet record in the Kerala Sate Athletic Championship. Member of the M.G.University Cross Country Team. (2012-13)
- * Vibin E. (D2 Eng), Jobin Raju (D3 Poli) – III place in M.G.University relay competition (4x400), 3rd place in M.G.University Cross Country Championship. (2012-13)
- * Sajilesh P Rajan (D3 Poli), Dhipin Joseph (D3 Poli), Afsal Nazeer (D2 Zool), Sooraj S Nath (D2 Mala) – III place in M.G.University Cross Country Championship. (2012-13)
- * Faizal Muhammad (D1 Voc. B.Com), Jithin K. Punnoose (D1 Com) – Winners of the M.G.University South Zone Shuttle Badminton championship. (2012-13)
- * Sreenath B. (D2 Maths) – Member of the M.G. University Football team. (2012-13)
- * Dony Thomas (D1 Com) – I place in the M.G.University Wrestling Championship, 1st place in the Kerala State Junior Wrestling Championship. (2012-13)
- * Josin Thomas (M1 Com) – Two medals (1 and II) in the M.G. University Cycling Championship. (2012-13)
- * Rahul B.R. (D2 Mala), Akhil Raj S. (D2 Com), Subin Jacob (D1 Chem) – II place in the M.G.University Kabaddi Championship, Members of the M.G.University Kabaddi Team. (2012-13)
- * Akhil Madhu (D1 Mala), Johnson P Cherian (D1 Mala), Sebin Sunny (D1 Com), Vishnu Prasad (D1 eco), Mebin Sebastian (D1 Eco) – II place in M.G.University Kabaddi Championship. (2012-13)
- * Bibin Sunny (D2 Eco) – Individual champion of college annual athletic meet (men) (2012-13)
- * Veena P.G. (D3 Bot) – Individual champion of college annual athletic meet (women) (2012-13)

- * Aditya V.T. (D2 Eng) - Individual champion of college annual athletic meet (women) (2012-13)
- 1) Shareef .K. (D2 Politics) (National Gold Medalist) - Two Gold Medals - All India Inter-University, Two Gold Medals - M. G. University-Inter Collegiate, One Gold Medal - Senior State, National, Bronze Medal in National Games. (2010-11)
 - 2) Arunkumar U. N. (D2 Economics) (National Gold Medalist) - One Gold and Silver Medals - All India Inter-University, Two Gold Medals – Junior National, Gold and Silver - M. G. University Inter- Collegiate, Gold Medal - Senior State. (2010-11)

Winners of Sports & Games

Event: Football	Winners	Runner-up
M.G. University South Zone Intercollegiate	2007-08, 2008-09, 2010-11	
M.G. University Inter zone Intercollegiate		2007-2008, 2008-09
Baselius Trophy South India Intercollegiate (Baselius College, Kottayam)	2007-08, 2010-11	2008-09, 2009-10
Rev. Mar Kalasserry Memorial All Kerala Intercollegiate (SB College, Changanacherry)	2009-10	2007-08
Mar Kuriakose Kunnasserry All Kerala Intercollegiate (St Stephens College, Uzhavoor)	2008-09	2007-08
District League Championship		2007-08
George Joseph Memorial Ever rolling Trophy All Kerala Intercollegiate (TKM College of Engineering, Kollam)	2007-08, 2008-09, 200-10	
All Kerala Tournament organized by Kallettumkara Football Club, Iringalakkuda		2008-09
Mar Thoma Trophy All Kerala Inter Collegiate Football Tournament	2008-09	
Ettumanoorappan Ever Rolling Trophy	2010-11, 2011-12	
Event: Volley Ball		
Baselius Trophy All Kerala Inter Collegiate	2007-08 (3 rd position), 2008-09, 2009-10	2010-11
Balakumar Memorial All Kerala Inter Collegiate		2007-08
Catholicate Trophy All Kerala Inter Collegiate	2008-09	
K.E. Trophy All Kerala Inter Collegiate	2008-09, 2011-12	
Bishop Tharayil All Kerala Inter Collegiate	2009-10	
Prof. George Paul Memorial All Kerala Inter Collegiate	2009-10	
Povvakathu Mani Memorial All Kerala Inter Collegiate	2009-10	

Malayala Manorama Trophy All Kerala Inter Collegiate	2009-10	
Sion Mangalacherry Volley Fest All Kerala Inter Collegiate	2009-10	
Event: Boxing	2007-08, 2008-09	
Event: Wrestling	2008-09	
Event: Best Physique	2007-08, 2008-09	
Event: Soft Ball		
MG University South Zone Intercollegiate	2007-08	
MG University Inter zone Intercollegiate	2007-08	
Event: Baseball		
Event: Tug-of War All Kerala Inter Collegiate K.G. Pampady	2007-08	
Event: Basketball		
Baselius Trophy (Women)	2008-09	
Event: Handball	2011-12	2010-11
Event: Body Building Competition	2010-11	

1. Rijo P. Sebastian (D1 Economics)-Gold and Bronze - Junior State, M. G. Meet, Silver and Bronze - State Inter Club, Junior National Participation. (2010-11)
2. Alwin Thomas (D3 Economic)-Gold and Bronze - Junior State, M.G. Inter Collegiate, Gold and Silver – Senior State(2010-11)
3. Arun Raj P.S.(D1 Zool)-One Gold and Silver–State Junior and M.G. Meet (2010-11)
4. Dipu Joseph D1 Physics - Bronze Medal – M.G. Meet(2010-11)
5. Jobin Raju D1 Politics - Silver Medal - State Junior, Silver and Bronze - M.G. Meet(2010-11)
6. Abhijith K. D2 Commerce - Silver and Bronze Medals - M. G. Meet(2010-11)
7. Dipin Joseph D1 Politics - One Silver and Bronze Medals - M. G. Meet(2010-11)
8. Sajiles P. Rajan, D1 Politics - One Silver and Bronze Medals - M. G. Athletic Meet. (2010-11)
9. Athletic team got III position in 28th M. G. University Intercollegiate Athletics Championship. Shareef.K., Arunkumar U. N., Rijo .P. Sebastian, Alwin Thomas & Dipu Joseph participated in the National Athletic Championship.
10. Ms. Thanu Mathew (I M. A. English) - Senior National Handball Championship - Jaipur (Participation), All India Inter - University Handball Championship - Lathoor (Participation) (2010-11). She was selected as the ‘Best Player’ in the Senior National Handball Championship. She was also the captain of the Kerala State and MG University Handball Team (2011-12).
11. Marsad Suhail T. P. (I B A. English) - State Junior Championship - Runner up, State Youth Championship – 3rd Place (both in Volleyball)

12. Dibin A. (I B. A. English) - State Youth Championship (Participation) in Volleyball
13. Lijo Mathew (II B. A. English) - State Youth Championship in Volleyball – 3rd place
14. Sachin A. P. (II B. A. English) - A11 India University Championship in Volleyball (Participation), State Youth Championship in Volleyball (Participation)
15. Chikku James (II B.A. Malayalam) Member of the M. G. University Foot Ball Team. (2010-11)
16. Bastin Joseph (D1 English) won the Gold medal in the All India Inter University Athletic Championship. He won silver medal on 400m hurdles in Junior National Athletic Meet held at Hyderabad. Rijo P. Sebastian was a member of the 4 x 400 m relay team which won gold medal for Kerala State in the same championship. (2011-12). He won two gold medals (110 m x 400 m) in the MG University Intercollegiate Athletics Championship held at Maharajas College, Ernakulam, Afzal Nazeer(D1 Zoology). Rijo P. Sebastain and Tinu Joseph also got bronze medals in this championship
17. Baselius College won second place in MG University Intercollegiate cross country Championship held at Alphonsa College, Pala. Kuriakose Mathew of D3 Economics was selected to M.G. University Cross Country Team (2011-12)
18. Fazil M. Khan of D1 Vocational B.Com. was selected to MG University Shuttle Badminton Team and participated in the All India Championship held at Rajasthan (2011-12)
19. Rahul B.R. (D1 Malayalam) and Akhil Raj (D1 B.Com.) were selected to MG University Khabaddi Team and participated in the South Zone Championship held in Tamilnadu. (2011-12)
20. Dony Thomas of D1 Commerce secured gold medal in 96 kg category in the State Wrestling Championship held at Kayamakulam (2011-12)
21. Ansab O. and Shinto Elias (D1 Economics) represented in the Kerala State Youth Volleyball Team and participated in the National Championship held at Kolkatta

NCC

The activities for the year 2011-12 began with the Annual Training Camp (ATC) and the Thal Sainik Camp (TSC) held in Government College, Kottayam. A few of our cadets came out with great achievements.

1. Cadet Anju Treesa George won the best cadet award for the ATYC Camp
2. Cpl. Vrinda S. Kumar won first place in the obstacle competition with gold medal
3. Cpl. Devi Gangadharan won silver medal for compering.

In the Kottayam Group Headquarters, DDG of NCC was welcomed by our Piloting cadets and received the guard of Honour given by us.

Cadets for the year 2011-2013 were enrolled. 41 boys and 15 girls were enrolled

Our team bagged the second place for the Independence Day Parade held on 15 August 2011 in Police Parade Ground, Kottayam

First camp of RDC was conducted in our College. Four girls and 10 boys were selected to the Inter Battalion Competition held in St. George School, Kaipuzha. Three of our cadets were selected to the Inter Group Competition held in Mavoor, Calicut. U/O Abhijith S. Kumar attended this IGC Competition

Finally, Sgt. Nidhin Mohan and Cdt. Jeen T. S. were selected to the Republic Day Camp 2012 in Delhi and Nidhin won the honour to take part in the parade in Rajpath, Delhi.

In the ATC Camp held in K.E. College, Mannanam from September 2 to 12 2011 our cadets outshone others.

1. Cdt. Vrinda Vasudev won first place with gold medal in Karaoke song competition and Cdt. Aparna Suresh won the second place for the same with silver medal.
2. Cdt. Athira Baiju and Cdt. Vrinda Vasudeva were chosen as Pilots and won gold medals
3. Sgt. Vinaya Ann Prakash won gold medal for compeering.
4. Cdt. Athira Baiju bagged the first place for monoact competition with gold medal.
5. Our team bagged the second place for the Guard of Honour Competition.
6. Cdt. Praveenamol P.P. attended the National Integration Camp (NIC) held in Kollam from 24 December to 4 January 2012 and U/O Bibin M. attended the NIC Camp at Moovattupuzha
7. NIC Camp in Gujarat was attended by U/O Anoop Krishnan and Cpt. Vrinda S. Kumar from 5 January to 15 January 2012.
8. U/O Varma Chandran was selected to the Inter Directorate Competition held in Madhya Pradesh in the month of June 2011.
9. Cdt. Devi Gangadharan attended the Advanced Leadership Camp in Bihar in November, 2011.
10. In the ATC held in Government College, Nattakom from 24 December to 31 December 2011, our cadets came out with flying colours.
11. Cdt. Vivek G.K. won the first place in solo dance and folk dance competitions and won gold medals for the same.
12. Cdt. Harikrishnan won the first place in the solo dance and folk dance competition and won gold medals for the same.
13. Cdt. Vrinda Vasudev won the first place in the Karaoke song and second place in the classical song competition.
14. The college team won the first place in the Guard of Honour competition.
15. The team won first place for group dance

16. Boys team from our college won the first place in the skit competition.
17. Cdt. Vykhari won the first place in monoact competition with gold medal.
18. Cdt. Athira Baiju won two gold medals for piloting and for computer operation. Our team bagged the second place for the Republic Day Parade held on 26th January 2012 in the Police Ground, Kottayam.
19. Brahamanandan P.B. of II year BSc Chemistry won B certificate in NCC, obtained L/CPL in NCC (state level)

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Student Achievements in Co-Curricular, Extracurricular And Cultural Activities

- Winners of M.G. University Youth Festival

1. Akhil M (D₂ Bot) - 3rd prize, Clay modelling (2009)
2. Anu G. Nair (D₁ Chem) - A-Grade, Thiruvathira (2009)
3. Kala S. Nair (D₁ Zool) - Kathakali 3rd prize & A-Grade (2009), Ottamthullal, Kathakali A Grade (2010), Ottamthullal A Grade, Kathakali A Grade (2011)
4. Gorby K Johnson (D1 Eng) – Winner, Intercollegiate Competition (2009).
5. Anju R. S. (D1 Eng) - Bharathanatyam, Mohiniyattam, Kuchupudi winner (2010), Folk Dance I, Ottamthullal II, Mohiniyattam III (2011), Mohiniyattam - 2nd A Grade, Ottamthullal - 3rd A Grade, Kuchupudi – A grade, Folk Dance – A grade, won the dance reality show conducted by Amrita T V (2012).
6. Sreelakshmi S. (D3 Eng) – Mimicry (2010)B Grade.
7. Jeenumol V. J. (D2 Zool) - Monoact, Kathaprasangam (2010), Kathaprasangam II A Grade (2011)
8. Sruthy Jayakumar (D1 Chem), Sreekanth S. Raj (D3 Chem), Meenu S. (D1 Maths), Sreelal V. (D3 Mal) - Group Song (2010).A Grade.
9. Shinomon T. K. (D3 Mal) - Short Story A Grade (2010).
10. Christina Rachel Eapen (D1 Com) - Theme Dance, Solo, Pantomine, ChoreoLyrics, Ottamthullal, Kathakali A Grade (2010)
11. Pratheek Shaji (D1 Eng) - Folk Dance I, Bharathanattyam A Grade (2011)
12. Sruthy Jayakumar (D2 Chem) - Kavithaparayanam A Grade (2011).
13. Janet Rose George (D1 Com) - Classical Song A Grade (2011), 3rd prize with ‘A’ Grade for Classical Music (2012).

14. Anju Ajith (D1 Com) – 1st prize with ‘A’ Grade in the M G University Youth Festival for Kavithaparayanam (2012).
15. Jishnu. N (D2 Com) - 1st prize with ‘A’ Grade in the M G University Youth Festival for Short Story Writing (Malayalam) (2012).
16. Janet Rose George (D2 com) Amal Joy Abraham (D3 Com) - ‘Best Actor’ in the Drama Fest (2012)
17. Harikrishnan C. Gopal (D3 Physics) got A grade in the ‘On the Spot’ painting competition (2012)
18. Vivek G. K. got A grade in the folk dance competition (2012)
19. Geetha P.O. (M2 Chemistry) – 1st for Film review – A Grade (2013)
20. Group Song – 1st – Devidas B. (D1 Com), Janet (D3 Com), Teena (D3 Com), Vani (D3 Eng), Archana (D1 Maths), Sreejith (D1 Com) (2013)
21. Bharathanatyam Female - 2nd A, Fancydress –3rd – Anju R.S. (M1 Eng) (2013)
22. Kavithaparayanam – Anju Ajith (D2 Com) – 2nd A (2013)
23. Stringed Instrument Western – A – Jaison C John (D2 Com) – 2nd A (2013)
24. Kathaprasangam – Sajana S Nair (D1 Maths) – 3rd A (2013)
25. Classical Music Male, Clay Modelling, Light Music – Devidas B (D1 Com) – 3rd A (2013)

A Grade holders (2013)

26. Mohiniyattam, Classical Dance, Ottamthullal – Anju R.S. (M1 Eng)
27. Kathaprasangam – Anju Ajith (D2 Com)
28. Kavithaparayanam – Sanjana S. Nair (D1 Maths)
29. Poster Designing – Rahul Raghunath (D3 Eco)
30. Photography – Finny Kurian (D3 Com)
31. Malayalam Essay – Navaneeth A Raveendran (D3 Phy)
32. Classical Music Female – Krishnendu E.S. (M1 Eng)
33. Short Story Malayalam – Jishnu N (D3 Com)
34. Western Vocal Solo – Liya Elizabeth George (D3 Voc. B.Com)

Kerala Hindi Prachar Sabha

1. Blessy Abraham (I B.Com), Anisha Elizabeth Varghese (II B.Com), Gayathri Ramesh (II B.Com), Rakhi Mohan (I B.Com) - Winner Group Song (2009)
2. Gayathri Devi G (I MA Eng) - State level Hindi Essay writing first prize (2009)

3. Stephen Philip (I BA Eng), Blessen Varghese (D₁ Eng), Bright K. Baby (D₂ Eng), Subhalakshmi S. Nair (D₂ Eng) - II prize, Drama, State level (2009)
4. Reshma R. Nath (D1 Chem), Ruby Anzaina (D1 Maths), Remya Krishnan (D1 Com), Reshma Raju (D1 Com), Anisha Elizabeth Varghese (D2 Com), Gayathri Ramesh (D1 Com) - Group Song (2010)
5. Anu Vijayan (D3 Eco) - Hindi recitation, Hindi Group Song (2010)
6. Sachin T. Raju (D1 Chem) - Hindi Elocution Hindi Mahasabha (2010), IInd prize in Intercollegiate Elocution Competition conducted by Marthoma College, Tiruvalla (2012).

Other prizes include

- 1) Tijo Kuriakose (D₃ Mal) -I prize, State level Essay Competition (Malayalam) Directorate of Collegiate Education, Govt. of India.
- 2) Soya Mary Jose (D₃ Zool) - I prize, Project paper presentation, Animal Science Congress2008, Zoological Society of Kerala.
- 3) Chippi Sarah Kuriakose (D₃ Zool) I prize, Project paper presentation, Animal Science Congress 2008, Zoological Society of Kerala.
- 4) Gorby K. Johnson (D₁ Eng) – Winner, Intercollegiate Competition & M.G. University Youth Festival Society of Kerala (2009), Inter Collegiate Elocution, Debate (2010).
- 5) Asha Kiran (D₃ Zool) - I prize, Poetry writing (Malayalam) SC/ST Dept., Corporation of Kerala.2009
- 6) Shalu Kurian (D₁ Eco) - Film Actress: ‘Namthum’ Anchor in DDMal, Model in Manorama News Channel (2009), Cine Artiste, Anchor (2010).
- 7) Cicily Abraham (II M.Com) - Best playback singer Award – Lions Club, Best television Singer ‘ILAYANILA’, Best singer, Manorama Online award, ACV television award (Jeevan T.V)
- 8) Praveen Varghese Thomas (II BA Eng) - II prize Sugama Hindi Examination, Bharat Hindi Prachar Sabha.
- 9) Keerthy S. (II MA Eng) - Winner Intercollegiate Quiz Competition
- 10) Jessy John V (I B.Com) - Consolation SBT, Zonal meet Youth day.

- 11) Rose Mary Rajan (II B.Com), Roshan Susan George (II B.Com), Nithya Sreekumar (II B.Com), Geethumol K. S. (I B.Com), Chinnu P Venu (I B.Com), Megha Mary Varghese (I B.Com) - Dumb Charades - II & III prizes in Intercollegiate Competitions
- 12) Ashok Mathew Alex (II B.Sc. Maths) - II prize Elocution – Intercollegiate Competition
- 13) Sherin K. J. (III B.Sc. Maths), Gisha Saraswathy (III B.Sc. Maths) - I prize – Intercollegiate Mathematics Quiz Competition
- 14) Neethu G. (II BA Eco), Anu Vijayan (II BA Eco) - Intercollegiate Essay Competition, SBI.
- 15) Vimala Daniel (D₂ Eco), Sherin Elizabeth Raju (D₃ Eco) - III prize , Intercollegiate Quiz Competition
- 16) Aswathy P. R. (D₁ Che) - II prize Quiz Competition- KSEB Officers Association.
- 17) Anumol Surendran (D₁ Phy), Sasikala K. (D₁ Eco), Jeenumol V. J.(D₁ Zool), Rameez A Rahim (I B.Com), Bimil Bose (I B.Com), Sudev S. Kumar (I B.Com), Renjith V. T. (D₂ Poli) - Rangoli – Final Round Participant (In Surya T.V)
- 18) Naveen P.N. (D₂ Bot) - Participant - Rangoli Final Round (Surya T.V) & Starwar (Kairali T.V)
- 19) Jacob Abraham Stephen (II B. Com), Renosh Philip (II B.Com), Suraj Oommen John (II B.Com) - I prize – Intercollegiate Business Quiz Competition
- 20) Rosemol Babu (II B.Com) - Participant - Rangoli - Final Round (Surya T.V), I prize intercollegiate dance competition.
- 21) Sudev S. Kumar (D₂ Com) - Group Dance Inter-Collegiate
- 22) Ebin Joe Philip (D₁ Maths) - Manorama Yuva Challenge (2010), Painting Election Commission (2011).
- 23) Prameela Susan Jessy Panicker (D₂ Chem) - Essay Competition
- 24) Alwin M. John (D₁ Eng) - Participant State Convention of World Malayalee Council, World Inter-State camp
- 25) Neethu G. (D₃ Eco) - WMC Project Altius
- 26) Rethu Joy (D₁ Bot) - Story Writing – Kottayam Sub. Dt
- 27) Sneha Elza Mani (D₁ Com) - Pantomime & Hermes Inter Collegiate
- 28) Nithya Sreekumar (D₃ Com), Rose Mary Rajan (D₃ Com) - Dumb charades

- 29) Roshan Susan George (D3 Com) - Dumb charades, Hermes
- 30) Jicku Aby Alex (D3 Com) - Duet Inter Collegiate

National Film Promotion Council Award 2011

Ammamanassinu – Best Film Award 2011: Aleena Susan Mathew (D1 Chem) – Director, Thasnimol K. K. (D1 Chem) – Script & Screen Play, Reshma Desikan (D1 Phy) – Actress, Karthika S. (D1 Eng) – Actress, Sruthi Surendran (D1 Mal) – Actress, Sachin T. Raju (D2 Chem) – Actor, Jyothy P. Kumar (D1 Chem) – Dubbing Artist, Kala S. Nair (D3 Zool) – Narration.

Ennum Koottukar (Film Nominated for award): Ranjeet Nair (D1 Eco) – Director, Rahul Raghunath (D1 Eco) – Screen Play & Artist, Monu Joy (D2 Chem) – Actor, Rohit R. (D1 Eco) – Cinematography (Cinematographer).

1. Maneesh Mohan (D2 Eng) - Quiz Competition LIC (2011), Quiz competition-1st CTC annual quiz, 2nd Marthoma College, Perumbavoor; 1st Inter collegiate all Kerala, Baselius College (2012).
2. Hari Krishnan C. Gopal (D2 Phy) - Painting, Poster Designing
3. Basil K. (M2 Phy) - Paper Presentation 1st Prize Inter Collegiate
4. Thomas Geevarghese (D3 Phy) - Paper Presentation 1st Prize Inter Collegiate
5. Rejo Mathew Joseph (D3 Phy) - Quiz – International Level
6. Anoop K. Paul (D1 Poli) - Daff Muttu A Grade
7. Arathy A. (D1 Mal) - Essay 1st Prize
8. Nimisha Ramesh (D2 Chem) - 1st prize for Recitation, Sree Narayana Quiz, Essay writing and Malayalam Elocution Competition (state level) (2012).
9. Jyothi P Kumar (D2 Chem) - 1st prize and cash award of Rs.5000/- in the state level; essay competition conducted by Democratic Association, IInd prize in Interdepartmental Essay Competition on E-waste, conducted by Dept. of Economics of our College. A Grade in University Drama Competition (2012).

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

Feedback from students were analysed and necessary actions were taken. Student feedback form about the institution provides ample opportunity to reflect and react on various aspects of the college. It creates a profile of the college for evaluation and for further improvement

of the facilities and various services available to the students. There are 32 questions, specially designed to bring out the college's strengths and weaknesses.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

Magazines and other publications of the students: College magazines bring out the budding talents of the students. To enable this, the college publishes a college annual magazine and campus magazine "Baselian" which is published twice a year. In addition, the students publish magazines and manuscripts at department level.

The college annual magazine: Every year the title of the college magazine is selected by the students themselves through a competition held in the college. The best title which reflects the creativity of the students is selected. There is a staff editor and a student editor for the magazine. The list of the annual magazines published in the last 5 years is given below:

Year	Title	Student editor	Staff editor
2011-12	Pathi Venth Thirakadha	Manu Anthrayose	Dr. Jancy Thomas
2010-11	Edavelayile Swapnangal	Joby V.K.	Dr. Sherly Kurian
2009-10	Uruthu	Robert K. Jose	Dr. Shyla Abraham
2008-09	Mazha Nananjum Kuda Marannum	Tijumon Varghese	Dr. A.M. Unnikrishnan
2007-08	Campus Frames 08	Harikrishnan	Dr. V.A. Philip

The campus magazine "Baselian" which is a unique venture of the college is published twice a year. It provides opportunities for the students to express their literary talents by contributing articles, stories, poems, one-act-plays, reviews, campus projection, campus analysis, dept tit bits etc. The following are the list of publications of the Baselian during the last four years.

All the departments of the college encourage and support the students in publishing magazines at department level. The list of publications at department level is given below:

Year	Title	Nature	Department
2011-12	"Last Bell"	Manuscript Magazine	English
2011-12	"Foot Prints"	Manuscript Magazine	English

2011-12	“Welcome to God’s own country Kerala”	Manual	English
2011-12	“Ormickan Yennum”	Manuscript Magazine	Economics
2011-12	“Zathvik”	Manuscript Magazine	Economics
2011-12	“Pegasus”	Manuscript Magazine	Economics
2011-12	“Ebullio”	Printed Magazine	Economics
2011-12	“Gurudhakshina”	Manuscript Magazine	Malayalam
2011-12	“Prabhatha Nakshathrangal”	Manuscript Magazine	Malayalam
2011-12	“Horizon”	Printed Magazine	Commerce
2011-12	“Vaighari”	Printed Magazine	Commerce
2011-12	“Mathematica”	Printed Magazine	Mathematics
2011-12	“Spandanam”	Manuscript Magazine	Chemistry
2010-11	“Nature and Man”	Wall paper magazine	English
2010-11	“Together with a vision towards transformation and peace”	Printed Magazine	English
2010-11	“Flames”	Manuscript Magazine	English
2010-11	“Spandanam”	Manuscript Magazine	Chemistry
2009-10	“Autograph”	Collection of poems	English
2009-10	“Mazhavillu Mayumbol”	Manuscript Magazine	Malayalam
2008-09	“Dew Drops”	Video travelogue	English
2008-09	“Love Ablaze”	Video CD	English
2008-09	“Elite aria”	Literary manual	English
2008-09	“Nizhalukal Chayumbol”	Manuscript Magazine	Malayalam
2007-08	“Blended Harmony”	Video travelogue	English

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

College Union 2007-2008, 2008-09, 2009-10, 2010-11 (Chairman, Vice Chairman, University Union Counsellors (2), Arts Club Secretary, Magazine Editor, Lady Representative).

Selection is on the basis of College Union Election procedures as directed by the University.

College Union election was not conducted during the last two academic years (2011-12, 2012-13). But an adhoc Student Council was constituted which discharged the activities of the college as in the previous years’ College Union. Classwise representatives, (a

male and a female student) were nominated along with association secretaries from each department. From this body various committees were constituted to discharge the sports, arts festival, and similar activities of the college.

5.3.6 Give details of academic and administrative bodies that have student representatives on them.

The institution ensures student involvement in all academic and administrative activities. The list of the various academic and administrative bodies that are having student representatives is given below:

Sl.No.	Academic/ Administrative Body	No. of student Representatives
1.	Internal Quality Assurance Cell (IQAC)	3
2.	Student Grievance Redressal Cell	2
3.	Ethics Committee	1 (Joint Convener)
4.	College Cooperative Store	2
5.	Various clubs of the college (Quiz, Choreography, Music, Nature)	10-50 (each)

5.3.7 How does the institution network collaborate with the Alumni and former faculty of the Institution.

“We Baselians”, the alumni association function with objectives such as to find former classmates and teachers and strengthen our relations long after the good old college days, to provide a forum to establish a link between the alumni, staff and students of the college, to enable the alumni to participate in activities which would contribute to the general development of the College, to institute prizes and scholarships, and render financial aid to deserving students of the College, to contribute towards the welfare of the alumni, to publish books, journals, magazines and other materials for promoting the objectives of the Association, to cope with challenges of the modern times, to share time and experience of every alumnus which can contribute to the welfare of the organization, to promote healthy practices such as community services, extension activities and such other aims as the General Body may decide from time to time.

Through the website and facebook, it establishes a network of the students, teachers and the alumni, where they can communicate, stay connected, exchange views and find ways to channelize the time and energy towards the general development of the college and the society.

**CRITERION VI:
GOVERNANCE, LEADERSHIP AND
MANAGEMENT**

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision: “To be a premier temple of higher learning, imparting quality- holistic education to all seekers, irrespective of caste, creed and gender.”

Mission: The mission of the institution is embossed in the college emblem as “Learn, Labour and Love”. Our mission is to dispel the darkness of ignorance and elevate youngsters to the pedestal of wisdom by fostering spirituality, knowledge and skill, thereby empowering them to deal with real life situations and equipping them to build a fruitful future for themselves and the society at large.

The institution is committed to produce contributing citizens and thereby empowering them to intervene effectively in the problems faced by the society. The institution itself was set up as a response to the need for education to uplift the post – Independent India. We take utmost care to upgrade the policies to enable the students to meet the challenges of the developing society.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The academic and administrative activities and functioning of the college are being carefully monitored by the Management and necessary instructions and guidance are extended, whenever it is needed. The educational agency and the Manager visit the college several times in an academic year and facilitate an opportunity for interaction between the management and staff. As the head of the institution, the Principal is primarily responsible for the smooth conduct of academic sessions and functioning of the college office. He is also entrusted with the monitoring of the infrastructural development, budget allocation and finance management. All major decisions contributing to academic progress are discussed in the general staff meeting to ensure the meaningful involvement of the faculty in the design and implementation of the quality policy and plans.

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- 6.1.3 What is the involvement of the leadership in ensuring: The policy statements and action plans for fulfillment of the stated mission, Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan, Interaction with stakeholders, Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders, Reinforcing the culture of excellence, Champion organizational change**

Policy statements and action plans needed for fulfilling the mission of the institution are formulated in the meetings held under the leadership of the Principal. The Principal and the entrusted staff members cater to the operational aspect of each and every strategy. Manager, governing board, alumni and PTA, analyse and monitor the various action plans and suggest necessary alterations. The expertise and opinion of the stakeholders are sought in the formulation of the action plans. Associations of various bodies empower the drives at college level to meet the standards set to ensure a culture of excellence. The principal and the staff members function at close proximity to meet the challenges caused by every advancement in the social and academic scenario.

- 6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?**

Institutional policies and plans are adopted after meticulous planning and discussion by the college governing board, local management committee and the college council. The management team visits the college every year to monitor the progress. The principal takes feedback from the staff and students to evaluate the strategies.

- 6.1.5 Give details of the academic leadership provided to the faculty by the top management?**

The management convenes annual conferences for the faculty and provides leadership training sessions to kindle the leadership qualities inherent in them.

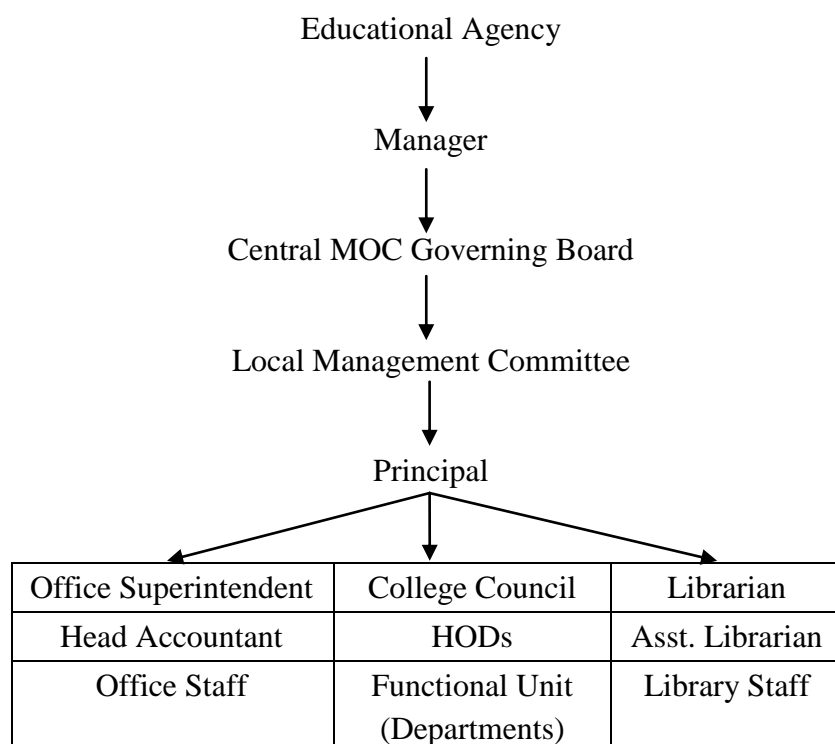
- 6.1.6 How does the college groom leadership at various levels?**

Delegation of academic and administrative responsibilities to the faculty is effectively done to enhance leadership quality at various levels.

- 6.1.7 How does the college delegate authority and provide operational autonomy to the departments/units of the institution and work towards decentralized governance system?**

The principal and the college council take all the important decisions on issues regarding policy matters collectively. The heads of departments and the college office are delegated the responsibilities concerning students and administration of the various departments. The HOD and faculty are at liberty to plan and execute the activities of each department with the consent of the principal. The administration of the college is hierarchical which is at the same time de-centralized and democratic.

Organization Chart



6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The institution entertains a culture of participative management by encouraging active involvement of the management, staff, students and stake holders in the smooth conduct of the activities of the institution. Delegation of responsibilities, interactions, feedbacks and discussions are the various operational strategies adopted to ensure participative management.

6.2 Strategy development and Deployment

6.2.1 Does the institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

The very vision of the institution is to impart quality holistic education to all seekers. The college stands for academic excellence, skill development and character formation of all youngsters enrolled here. As such, maintenance of quality is of utmost importance to all our stakeholders. The institution expects high standards in all its activities. The College Management and IQAC chart out various programmes in tune with the objectives of the institution. Relevant feedback is collected periodically and corrective action is taken after proper review.

6.2.2 Does the institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The college at the time of its inception introduced various courses and developed infrastructure facilities taking into account the future needs of the institution. The developmental plans are framed with an aim to cater to the needs of institution and its learning requirements. The plans are discussed in the college council, general staff meeting and finally consulted with the management for final approval.

6.2.3 Describe the internal organizational structure and decision making processes.

The various academic units function as departments with the Head of the Department in-charge of the respective units. The college administrative office adjoins the Principal's office and has an office superintendent in-charge, assisted by the Head Accountant and the office staff. The functioning of the General Library is monitored by the chief Librarian assisted by the Library staff.

6.2.4 Give broad description of the quality improvement strategies of the institution for each of the following

- * Teaching & Learning: Modern technological advancements like online facilities, smart class and audio visual aids are utilized to improve the teaching learning process. Teaching staff is at liberty to adopt innovative techniques and translate socio-cultural values to the student community. Well equipped labs, general library and department libraries enable the students to leap in the world of information.
- * Research & Development: The English department of the college is an approved centre for research under Mahatma Gandhi University. Faculty members of the institution serve as research guides in various colleges / research centres in the State.
- * Community engagement: Effective activities which benefit the community like health surveys, Palliative care surveys, mass petitions on social issues, awareness classes for villagers and the downtrodden, exhibitions, charity fund raising programmes, visits to orphanages, old age homes etc can be listed as community extension activities of the institution. The student community as well as faculty members are encouraged to share their academic resources and man power for the benefit of the society.
- * Curricular and non curricular projects are linked with industries if necessary.
- * Human resource management & Industry interaction

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

Feedback forms are given to the students at the end of each academic year for evaluation. The principal periodically forwards confidential reports of the entire teaching faculty regarding their performance to the management. Every department has to file a report of their academic and non-academic activities at the college office towards the end of the academic year. These reports are available to the top management and stakeholders to review the activities of the institution.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Teaching and non-teaching staff members are given ample opportunities and encouragement by the management and the Principal to improve their effectiveness and efficiency. Orientation programmes are conducted every year for teaching as well as non-teaching staff members. Newly recruited teachers are encouraged to attend seminars and workshops conducted by other institutions.

Eg: 1.) Orientation for newly appointed teachers conducted by Devamatha College, Kuravilangadu (2011), 2.) Orientation for teachers conducted by AIACHE at Chaithanya Pastoral Centre (2012).

Apart from these, the management offers training for the new generation who joins the college. As part of the UGC programmes all teachers attend orientation and refresher courses.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Last year the following resolutions were made by the management council.

Sl.No.	Resolutions	Status of implementation
1.	Rs. 2.75 crores shall be allocated to the 3 colleges in the management on the basis of their needs and approved projects.	Implemented
2.	Dr. K.K Kuriakose, Dept. of Commerce directed to go on long leave prior to voluntary retirement.	Took voluntary retirement on 03/09/2011

3.	It was decided to promote Prof. Dr. V. A. Philip, Prof. Omana Mathew, Prof. Dr. P. M. James and Prof. Dr. Nirmala Joseph as HODs of their respective departments in the college.	All of them were promoted as HODs.
4.	It was decided to conduct the inspection visit of the management team to various colleges from 19 th Sept onwards.	The inspection visit was conducted as per schedule.
5.	It was decided to conduct the interview for posting permanent teachers.	4 new teachers were appointed.
6.	Dr. M.E. Kuriakose and Prof. M.K.Kurian Kunju were authorized to Liaison with Govt./University offices for further clearance of vacancies	Implemented

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

No.

6.2.9 How does the institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationships?

The Grievance Redressal Mechanism functions in a very efficient manner. Students / staff members can record their grievances in registers kept both at the Principal's office and also at the Bursar's office. Those grievances which can be settled at the Dept/Office level are settled there itself. Grievances regarding infrastructure and facilities are recorded at the Bursar's office. The College Bursar constantly takes note of the grievances and resolves the same. The details are immediately noted in the register itself. Students and Staff can bring to the notice of the Principal genuine grievances of any nature. If a grievance is confidential/ severe/ they can directly meet the Principal and submit their grievance in writing. If circumstances warrant, a meeting of the College Council is convened to take further action. If any incident of harassment/manhandling/criminal nature is reported, the complaints will also be forwarded to the police authorities. In the college, enquiry commissions are constituted whenever necessary and actions taken in the light of the findings of such commissions.

There is a separate mechanism for resolving grievances related to Internal Assessment. First, the grievance is brought to the attention of the teacher concerned. If it is not settled satisfactorily, the issue is brought to the attention of the Head of the Department

and it is settled at the Departmental level. If the problem is not settled there also, it is left to the College level committee headed by the Principal.

Parents, occasionally raise their concerns especially with regard to infrastructure deficiencies and the like. These too are addressed and remedies sought.

The Principal and the Manager address all grievances of staff/ other stakeholders and take necessary steps wherever possible.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

1. Writ petition No. WP(C) 21377/2010 (V) submitted before the High Court of Kerala by the Corporate Manager of M.O.C Colleges and the colleges under it including Baselius College against the Mahatma Gandhi University represented by its Registrar. The petition challenged the order of the University to conduct college union elections in the Presidential manner (ie. All students of the college directly electing the college union chairman, general secretary etc.)

The Hon'ble High Court of Kerala has stayed the conduct of college union election in the colleges under the Corporate Manager until further orders. (Later the college decided the case in favour of the management.)

2. OP No. 24711 of 2001 (P) filed before the Hon'ble High Court of Kerala by the Manager & Principal of the college with the District Collector, District Suptd. of police & CI of police, Kottayam East as respondents.

Grievance was, their respondents were not taking action against students sponsored by outside political parties etc. who were entering the campus and making obstructions to the smooth functioning of the college. The court has directed respondents 2 & 3 to see that no outside persons are allowed to trespass into the college premises and that the students do not get involved in illegal activities.

3. Manoj Narayanan K. S., Sindhu Jones, Linju Ann Jacob and four other teachers along with MOC College Management as petitioners with Government of Kerala as respondents. Subject Matter – Salary disbursement, Case Number – WA 2529 of 2005 and RP 101/08, Verdict on October 7, 2009.

The Hon'ble High Court of Kerala in its verdict gave directions to the Government of Kerala to disburse salary arrears of the teachers. As the Government did not pay the salary, the teachers and the management filed a case for Contempt of Court.

The Government then approached the Supreme Court with an SLP which was subsequently converted into Civil Appeal 8459-8461 of 2010. The Hon'ble Supreme Court in its interim verdict in September 2010 directed the Government to start paying salary to the teachers for the time being. The case is currently pending. Last of all, a teacher has filed a case against the delayed release of her pension benefits. Now she has been sanctioned her pension.

6.2.11 Does the institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Feedback forms are distributed among the students to get their opinion about institutional performance. Necessary action is taken as a response to the needs voiced in the feedback forms.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

The institution encourages research and related activities like conducting seminars, memorial lectures, workshops, and taking up minor and major projects. Non-teaching staff members are given training at regular intervals. The office as well as the labs and libraries are being automated for improving the quality of work.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

Training programmes are conducted every year to empower and motivate the faculty. A list of resource persons employed by the management for the same is given below:

1. G. Balachandran, International Training Fellow (Junior Chamber International).
Topic: Quality and excellence (2006)
2. Dr. Justin Padamadan, Clinical Psychologist, Jubilee Hospital, TVM.
Topic: Involvement of Psychology in teaching and learning in educational process. (2007)
3. Dr. George Samuel, Higher Education and spirituality.
Topic: "Higher Education in Spiritual Context" (2008)
4. Dr. D. Babu Paul IAS. Topic: Teacher, The motivator (2009)
5. Prof. P.C. Thomas (Retd. HOD, Physics, St. Thomas College, Trissur)
Topic: General awareness in Higher Education (2010)

6. Dr. Anandakuttan B. Unnithan (Associate Professor, Indian Institute of Management, Kozhikode (IIM)). Topic: Academic Relationship in Higher Education – Issues and Challenges (2011)

7. Dr. V.S. Jayakumar (Former HOD, Physics, Mar Ivanios College, TVM)

Topic: The role of higher educational institutions in leading research projects for the development of society. (2012)

Faculty members who prove their merit in the various fields are honoured by the college. For eg. the research guides of the college and their scholars who were awarded Ph.D. were honoured in a special function in 2010. Similar functions are organized in the college during each academic year to motivate and acknowledge the achievements of the achievements of the faculty members.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The college maintains an effective self-appraisal mechanism to evaluate the performance of the faculty in teaching, research and extension programmes. Appraisal is based on academic performance, research achievement, innovations in teaching, contributions in socio-cultural areas and co-operation in various co-curricular and extra-curricular activities. The principal also maintains a confidential report of all the staff members regarding their performance.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The appraisal along with the confidential report is submitted to the corporate manager at the end of every academic year. Seniority cum fitness is the basic criteria followed for promotions in private colleges. Such evaluations are considered for higher posts. The self-appraisal of teaching staff is forwarded to the university along with the application for promotion to the next grade.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

A staff co-operative society and a co-operative bank function in the College to support the staff members to meet their economic emergencies. The co-operative society sells provisions and food items at reduced prices. The co-operative bank provides short term loans, long term loans, and cash credit to the share holders. Dividend is distributed to the share holders at the end of the financial year after auditing. The college meets a part of the expense for arranging an annual tour for non-teaching staff members.

Year	% availed
2007 – 2008	75
2008 – 2009	81%
2009 – 2010	86.4%
2010 - 2011	88%
2011 - 2012	87%

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Educational Agency assisted by the corporate management is empowered to recruit the staff in strict adherence to the norms prescribed by the Government and the University. An Interview Board consisting of a subject expert, a government nominee, manager, Principal and the representative of the Management interview the eligible applicants and selects faculty members on the basis of merit. Research background of the candidates is given weightage in the selection process. Research facility and opportunities for higher academic and administrative responsibilities are provided within the framework of the institution to attract and retain eminent faculty. The service and expertise of eminent faculty members is ensured even after retirement by retaining them as visiting faculty.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

Routine accounts of the college are managed by the Bursar and the management accounts presented by the Bursar are endorsed by the Principal. The Department accounts are managed by the faculty members assigned by the department. It is verified and approved by the HODs. The accounts of NSS and NCC are managed by the Programme Officer and Associate NCC Officer respectively. These accounts are subjected to external audit by the agency as directed by their concerned higher authorities. PD accounts are maintained by the office. Every year a mutual auditing and inventory is conducted in the institution to monitor the proper utilization of the available funds. In addition to these internal arrangements, the local governing board also monitors the financial affairs of the institution.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The college accounts are subjected to external auditing by the Accounting Authority from the Audit department. Mutual auditing is conducted at the end of every academic

year to verify the accounts of the departments. The management accounts, PD accounts, NSS and NCC accounts are also subject to internal audit. The last audit was done on 31 March 2012. There were no audit objections.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institution, if any.

The major financial obligation of the college, the salary for the staff members, is met by the Government. The institution mobilizes financial resources from various sources like tuition fee, contribution from students and parents, contribution from alumni and well wishers. The sports and Youth Affairs ministry funds the activities of the National Service Scheme Units. The expenses of the Library, Science Laboratories and the Physical Education Department are met by the amount provided by the Government treasury. The deficit is managed by the amount provided by the management.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The institution receives additional grant for infrastructure development and equipments from UGC. PG Grant and grants for other academic activities like major projects and minor projects are procured by the institution.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

- a. **Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

The institution has established an IQAC as early as 2000. The IQAC has been striving hard for the maintenance and enhancement of quality in all activities of the college. By communicating the organizational vision and mission to all stakeholders, the IQAC makes sure that activities are carried out according to pre-determined plans. The active supervision of IQAC has ensured that quality is not compromised.

- b. **How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?**

- **Plans for development:** Academic programmes – 2

Value added programmes – 3(MGOCSM weekly meetings, Commencement Day speeches, Orientation for students)

Skill oriented programmes – 1

Faculty competency and development programmes – 2

Staff development programmes – 2

Student monitoring programmes – 3

Co-curricular activities – 14 (Arts festival, Sports, Subject association activities, Volley ball, Foot ball, Basket ball tournaments)

Inter departmental co-operative schemes – 5 (campus cleaning on Gandhi Jayanthi, Quiz, Arts festival, Sports, Onam, Christmas celebrations)

Community extension programmes – 10

Preparation of NAAC Re-Accreditation – 3rd Cycle

• **Implemented plans:** Skill oriented programmes – 1

Faculty competency and development programmes – 1

Staff development programmes – 2

Student monitoring programme – 3

Co-curricular activities – 14

Inter departmental co-operative programmes - 5

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The IQAC has two external members, Dr. V. Mathew Kurian and Dr. K.N. Thomas who are renowned academicians and experts in their respective fields.

d. How do students and alumni contribute to the effective functioning of the IQAC?

Students and alumni have been given adequate representation in IQAC. Student representatives bring to the notice of the authorities the need for innovative activities and programmes on the campus. Alumni share their experience and take lead role in introducing changes. The feedback collected from the alumni is of immense value while considering future plans of action.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

Conduct seminars & conferences, workshops at the institutional level. The staff members attend many conferences, workshops & seminars. Many events are conducted in tie up with other institutions and the university as collaborative programmes.

6.5.2 Does the institution have an integrated framework for quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

The IQAC is a major body constituted to ensure quality in academic activities. The principal and the college council are primarily responsible for evaluation and monitoring of the regular academic and administrative activities. The college is also monitored by the Educational Agency, His Holiness Baselius Marthoma Paulose II, the

Corporate Manager, HG Dr. Thomas Mar Athanasius, the management committee and the local governing board. The management conducts an annual evaluation of the institution by visiting each department and administrative wing, checking and evaluating performance report provided by them.

6.5.3 Does the institution provide training to its staff for effective implementation of the quality assurance procedure? If 'yes', give details enumerating its impact.

Quality is a major focus of the institution. As such, it is always a high priority to communicate the institutional policy to all staff members. Training sessions are conducted under the auspices of IQAC. The training sessions cover different areas including institutional planning, communication etc. Such sessions have led to improvement in the overall performance with regard to curricular and co-curricular activities.

6.5.4 Does the institution undertake academic audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Academic audit is conducted by the management. The management team evaluates the performance report presented by the institution and gives comments on it in the exit meeting of the visit. The team consists of academicians and members of the various bodies governing the college. The team appreciates the commendable achievements and mentions the drawbacks which need to be rectified or improved. Result of each course, higher achievements and campus placement also come under the preview of the academic audit.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The university provides promotions on the basis of the norms prescribed by the U.G.C. The faculty members are initially appraised by the institution on the basis of the criteria prescribed by the university. The management team visiting the college, tries to follow a pattern similar to NAAC peer team visit. The departments and the Principal have to give reports, answering the questions raised by the management team. The team then verifies the details and comments on it in the exit meeting. These internal quality assurance mechanisms are aligned as far as possible with requirements of the relevant external quality assurance authorities to ensure the proper functioning of the institutional processes.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

A student centered method of education is adopted by the institution. Student progress is monitored continuously through internal and external mechanisms which involve internal and external examinations, projects, seminars, viva, paper presentations, assignments and field study. Curricular and co-curricular activities are promoted to improve the quality of output.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

University results, effective social interventions by students and commendable achievements of the staff and students get due applause in the commencement day programmes, staff meetings, PTA meetings, management visit and the seated assembly of students. Reviews and discussions on the areas of rectification and betterment also become a part of these events. Appreciation and criticism have always acted as fuel for greater achievements in the college.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

CRITERION VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Green Audit of campus and its facilities

The college conducted various environment friendly programmes and Green Audit of its campus and facilities. The college in collaboration with TIES (Tropical Institute of Ecological Sciences), Kottayam, Kerala conducted the Green Audit of the campus and its facilities during February 2013. The following programmes were conducted in connection with the Green Audit.

1. Energy audit and conservation programmes for the college
2. Water audit and conservation programmes for the college
3. Biodiversity survey, conservation (My College, My Nature Project).

Other Programmes include waste management survey – Biogas plant for food waste management, paper recycling project – Paper bag manufacturing, selling (Earn while you Learn), Healthy food campaign, walking and cycling promotion, participation in wild flower show, 2012 and Peoples Research Project – an exclusive study on a local environmental issue using 100-200 students and 5-10 faculty members.

7.1.2 Initiatives taken by the college to make the campus eco-friendly

- **Energy conservation** – “Save Energy” stickers on every light point of the college, switching off lights and fans when not in use, the minimal use of high electricity consuming devices such as air conditioners etc are some of the energy conservation mechanisms practised in the college. The college provides two large generator to meet times of power failure.
- **Use of renewable energy** – Vermicomposting unit of the campus helps to produce vermicompost from solid waste – renewable. Vermicompost and vermiwash are used to fertilize the campus vegetation.
- **Water harvesting** – College promotes rain water harvesting programme. There is a huge ferro cement tank to harvest rain water on the campus.
- **Efforts for Carbon neutrality** – Instead of burning the campus waste and releasing carbon monoxide and carbon dioxide to the atmosphere, eco-friendly method of waste management is practised in the campus. Vermicomposting unit of the campus will help in effective organic waste management and in carbon neutrality. An Incinerator was introduced in the ladies hostel for burning waste materials generated in the hostel.

-
- **Plantation** - The campus has many tall trees, botanical garden, butterfly garden and an ecological pond. The NSS unit usually plants new seedlings in the nook and corner of the campus on every World Environment Day (June 5).
 - **Hazardous waste management** - Information on chemical characteristics is important in evaluating alternative processing and recovery options. If solid waste is to be used as a fuel or for any other purpose, we should know its chemical components. Analysis of waste water and soil samples was carried out in the college Chemistry laboratory to determine the proportion of carbon, hydrogen, oxygen, nitrogen and sulphur. Suspected waste streams were tested to determine whether they must be managed as a characteristic hazardous waste. Adsorption properties of egg-shells and fruit seeds were studied using toxic heavy metals as adsorbants. Particulate matter in air can be removed using adsorbants like alumina. Report of the project entitled ‘Solid Waste Management In Kottayam Town’ done by Prof. Varkey Mathew (Former HOD, Dept. of Chemistry) has been published by KRPLLD (Kerala Research Programme on Local Level Development) through their International Journal in 2004. A patent has been granted to Prof. Varkey Mathew for the work entitled ‘Process for Making Polymeric Material of Cellulose Nanofiber from Wastes of Plantain and Banana Plants’ for the term of 20 years from the first day of November 2006. A paper entitled ‘Analytical Estimation of Soil Samples’ has been published in ‘Baselius Researcher’ in 2007. Another paper entitled ‘Acidic Soil as a Catalyst for Esterification – An Alternative Route to Renewable Energy’ was published in the proceedings of International Conference on Climate Change and Development of Countries, in 2010. A short term project on Waste Water Analysis has been carried out by PG students in college laboratory.

Future Plans

1. To establish a biogas plant in the college campus which can process all the wastes produced in the college canteen, hostel and college campus. Biogas may be used for producing heat, light and electricity. The biogas technology can substantially contribute to energy conservation and development if conditions are favourable.
 2. To establish a solar panel to tap solar energy which can be used as a substitute for electricity.
- **e-waste management** - The e-waste generated in the campus is not a problem at present. Only a few worn out computer monitors which are fit only for disposal are kept in the

respective departments but are retained as they are purchased with UGC funds and are therefore, accountable.

7.2 Innovations

7.2.1 Details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The Presidential mode of college union election was not conducted during the last two years 2010 & 2011 due to technical problems and court orders. Instead of that, the activities of the year such as Arts Festival, Sports, various Co-curricular activities, Christmas day celebrations and Onam celebrations were conducted under the leadership and guidance of the selected talented students from each class and subject association secretaries. This innovative practice was proved to be fruitful and successful and has created a positive impact on the functioning of the college. The college campus is now totally free from political interference and strikes.

The introduction of the CBCSS semester pattern of curriculum of UG (from 2009 onwards) and PG (from 2012 onwards) had a positive impact on the functioning of the college. The students have to appear for two internal examinations and one external examination in each semester, in addition to seminars, assignments, and project works to be done as part of continuous assessment procedures. The attendance in each semester is strictly monitored, the students with attendance shortage in a semester is not promoted to the next higher semester. Moreover they are not permitted to appear for university examination until they get readmission and acquire minimum attendance required. Also entertainment programmes like music concerts, dance programmes etc are conducted solely by students, thereby cutting down unnecessary expenses and channelising the amounts for the activities. By this process, the interaction between the teachers and the students has increased to a great extent and has tremendously improved the academic atmosphere of the campus.

7.3 Best Practices

7.3.1 Two best practices of the college which have contributed to the achievement of the institutional objectives and/or contributed to the quality improvement of the core activities of the college.

Best Practice I: Community Oriented Charity Programme

Aim: Modern generation lacks a positive approach to many of the concerns of society and individuals. This over indulgence in selfishness and unconcern are discouraged and a highly social-oriented approach is brought in to our institution by the above

mentioned programme. The fellow students in the same institution, the students of other institution, inmates of orphanages, destitute of all types, old age people, cancer patients etc are brought into the purview of this programme. Holistic development of the society is aimed at, by the amelioration of the condition of the deprived.

The Context: The individual and severe sufferings of the deprived in the society that include students of the institution, their relatives, other members of the locality etc are sponsored by the programme. The economic crisis and the anguish of the have-nots have served to trigger the enthusiasm of the students of Baselius College. Moreover there were immediate financial requirements for ailing patients, deprived lots etc.

The Practice (Implementation): This project is especially noteworthy in the method of operation that has been adopted. In certain projects/programmes, the institution as a whole participates.

Eg: MGOCSM programme 'Fast a Day and Feast Your Friend'.

There are other programmes that are monitored by different departments. Each department highlights the immediate requirements and mobilizes the funds under the initiative of dynamic students, thus raising considerable amount for the upliftment of the suffering community.

Examples

1. 'Santhwanum' (English Dept.) 2011-12 raising Rs. 1,32,375/- for the purpose of treatment of cancer patients (donated to Karunya Nilayam). All departments contributed towards this fund.
2. Adoption of the village (Kosamattom Colony), conducting of survey and submission of report to Panchayat (Dept. of Economics)
3. Construction of a house for the two destitute sisters – Sponsored by Alumni, Baselius College
4. Visit to Shanthi Bhavan (old age home) and Navajeevan Destitute Home by various departments
5. NSS activities
6. Funds raised by students for the family of Eby Varghese (D3 English) on his demise.
7. Funds raised by students (Eng) & faculty for Sethu Parvathy's (Eng) ailing mother.
8. Collection of old clothes for Old Age Homes.
9. Book bank instituted by the Alumni. The outgoing BA&MA final students(Eng) have been following the good practice of donating a novel/short story collection of Rs.300/ each (UG) and critical work of Rs.500/each(PG) to the Department library

with their names and batch inscribed for posterity to remember. Many departments also have the good practice of collecting used textbooks of outgoing students for distribution among the needy students of subsequent batches.

Evidence of Success: The students' attitude to the programme and their response is 100% positive and rewarding. The indifference generally noticed in youngsters has become alien to the student community of this institution and there is a marked interest and concern for the problems and issues around.

Problems encountered: The amount raised sometimes doesn't meet the economic needs which are so great on many occasions.

The students sometimes find time constraints for such activities. Still they manage these services.

Best Practice II: Remembering & Honouring the Stalwarts of Yesteryears through Memorial Lectures, Quiz Competitions and Endowments.

Aim: This practice is a meaningful way of linking the past and the present, the old and the new.

The Practice: The English Dept has been conducting the Prof. P. Rajaram Menon Memorial Lecture every year since 2008 in honour of the founder Head late Prof. P. Rajaram Menon. Eminent scholars like Dr. Sukumar Azhikode, Dr. K. S. Radhakrishnan, Dr. Jancy James, Dr. D. Babu Paul and Sri T. P. Sreenivasan chaired the Lectures. It is with great pride and indebtedness, the Dept. acknowledges the sponsorship of the Prof. P. Rajaram Menon Memorial Lecture by the Alumni especially the former students of Prof. Menon.

The Prof. Manju Mathews Memorial Lecture is being conducted since 2007 in memory of Prof. Manju Mathews who died in harness. Renowned personalities like Prof. Jayaram S, Dr. Skaria Zacharia, Dr. M. V. Narayanan, Dr. Sr. Jesmi and Dr. Meena Pillai delivered the lectures. Apart from the opportunity to interact with great intellectuals, the students also imbibed the laudable practice of knowing the history of yesteryears and respecting and loving the stalwarts of the past for the legacy they left. It is also an occasion when the old and the new, the past and the present come together. Other departments like Physics, Commerce, and Botany too have started this good practice of honouring the dear departed. Prof. C. K. Kuriakose Memorial lecture hosted every year by Physics Dept in memory of its Founder HOD. The Physics Dept holds the Intercollegiate Quiz in memory of Prof. Susan John who died in harness. The Botany Dept also holds the Intercollegiate Quiz in memory of Dr. A. P. Mani, its

Founder HOD and Founder Principal of the College. The Commerce Dept. conducts a memorial talk in memory of its Founder HOD Prof. M. C. Jacob.

Many Endowments are also instituted by the faculty of the Department of English, Zoology, Chemistry and the families of the dear departed for deserving students, thus strengthening the bonds of the Baselian Family.

Best Practice III: Research Aptitude Enhancement Programme for Postgraduate and Undergraduate Students

Aim: Goal of this practice is to motivate talented postgraduate and undergraduate students to pursue their studies to higher levels, thereby producing scientists and technologists on par with the need of the country for its current rapid growth. Majority of the students of this institution are coming from rural areas and hence they are not much exposed to the advanced level facilities where their potentials can be utilized to its optimum level. To enhance the research aptitude of the students and for better facilities, the institute creates the opportunity for its students to interact with research scholars, scientists and professors by arranging visits to the neighbouring leading research institutes/universities.

The Context: The students of UG and PG science departments have to do individual research projects, and have to present it as PowerPoint presentation before the external examiners. They have to undergo a process of open defence, viva voce also as an evaluation procedure of their project reports submitted. Socio-economic background of students, mostly coming from rural areas, causes a prevailing practice among them to opt for job opportunities or other job oriented courses, much lower than their actual potentials, but leading to immediate financial benefits. Educating them about the prospects and long term benefits of research oriented higher education as individuals and as a nation is a challenging task.

The Practice (Implementation): The main practice includes visits organized for final year postgraduate and undergraduate students to the leading universities and research institutes in and around the neighbourhood of the institution. Through such visits, students get the opportunity to explore the potential opportunities available in such locations and also the fruitful interaction with the research scholars, scientists and leading professors boost their quest for knowledge. On occasions when such visits are hampered due to various factors such as financial constraints, time, distance etc, scholars from such institutes are welcomed to our institute for motivational talks, demonstrations etc.

Also each year the college directs some of the post-graduate students to do their projects in diverse topics in the neighbouring institutions like Rubber Board and University departments, Research Centres etc.

Evidence of Success: Immediate feedback from the participating students is collected from them through class level discussions and a conspicuous change in their attitude is observed. A substantial increase in number of postgraduate students applying for NET and for research fellow positions offered by various institutes is a clear indication of the success of this practice. The number of undergraduate students applying for postgraduate programmes in various university campuses and research institutes has also increased significantly, which indicates a change in their perspectives.

Problems Encountered and Resources Required: Financial constraints are the major limiting factor for the institute to restrict the number and locations of such visits to a minimal level; all faculty members are encouraged to undertake major/ minor research projects which may help to improve the facilities & resources of the institution.

PART-E:
EVALUATIVE REPORT:
DEPARTMENT WISE INPUTS

PART-E: EVALUATIVE REPORT: DEPARTMENT WISE INPUTS**DEPARTMENT OF ENGLISH**

1. Name of the Department : **English**
2. Year of Establishment : **1964**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **BA English, MA English, Ph.D in English**
4. Names of Interdisciplinary courses and the departments/ units involved:
Open courses - 5th semester BA/B.Sc./B.Com.
Add on course in communication skills.
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester, Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **Handling the first language teaching. Open courses & Common courses.**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	2	2	1
Asst. Professors	10	7	1
Guest Lectures	-	3	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D
Prof. Jacob Kurian Onattu	MA, M.Phil.	Principal	Victorian Lit. Shakespeare	32 years	-
Dr. Maya Kuriakose	MA, Ph.D.	Associate Professor & HOD with effect from 1/6/2013	Theory, Criticism, Fiction, Poetry	29 years	-

Dr. Jyothimol P.	MA, M.Phil, Ph.D.	Assistant Professor	Lit. Theory European Lit. Post colonial and feminist writing	19 years	-
Prof. Elsa C. Maria Sebastian	MA, M.Phil.	Associate Professor	American Lit., Fiction, Poetry	18 years	-
Prof. Jyothi Susan Abraham	MA, B.Ed. UGC NET Qualified	Assistant Professor	American Lit., Poetry	5 years	-
Prof. Vidya Merlin Varghese	MA, B.Ed. UGC NET Qualified	Assistant Professor	History of Language, Culture studies	2 years	-
Prof. Anju John	MA Journalism, MA, M.Phil, NET	Assistant Professor	Lit. Theory & Gender studies Women's Writing	1.5 years	-
Prof. Kavitha Gopalakrishnan	MA, MPhil, NET	Assistant Professor	Criticism, Indian English Lit.	3 years	-
Prof. Jithin John	MA, NET	Assistant Professor	Film studies, Post Colonial Literature	8 months	-
Prof. Susanna Thomas	MA, NET	Assistant Professor	Post modern Drama, Lit. Theory, Indian Writing	4 months	-
Ms. Aswathy G.	M.A., NET	Guest Lecturer	Lit.Theory, Gender Studies	NIL	
Ms. Soumya Thomas	M.A., B.Ed., SET	Guest Lecturer	Romantic Literature	2 years	
Smt. Renjini T.	MA, B.Ed.	Guest Lecturer	Shakespeare, Romantic Literature	3 years	-

11. List of senior visiting faculty: **Prof. O. P. Kurian, Prof. M. G. George, Rev. Prof. P. M. Cherian, Prof. Vincent George, Dr. Saramma Varghese, Prof. Elizabeth Kuruvila, Dr. Alexander Raju, Prof. K. S. Ullas, Prof. V. P. Ninan (Late), Dr. Annie Margaret, Prof. K. K. Baby, Prof. P. K. Abraham, Dr. Varghese Leena, Prof. Daisy Zacharia.**
12. Percentage of lectures delivered and practicals handled by temporary faculty: **25%**
13. Student – Teacher Ratio (programme wise): **85:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **sanctioned-1, Filled - Shared with two other depts.**
15. Qualifications of teaching faculty with DSc / D.Litt/ **Ph.D -2/ M.Phil -5/ PG-9.**

16. Number of faculty with ongoing projects from (a)National: **1** (b)International funding agencies: **NIL** and grants received: **Rs. 75,000/-**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:**11 LAKHS (2010-11:P.G.Grant 4 lakhs, Add on Course:7 lakhs)**
18. Research Centre/ facility recognized by the University: **Research centre with State and National recognition.**
19. Publications:
- * Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.

Name of the faculty	07-08	09-10	10-11	11-12	12-13
Dr. Verghese Leena	1	1			1
Dr. Maya Kuriakose			1		1
Dr. Ranjana Sara Philip		1			
Dr. Rajith Chandran M.R.	1				
Dr. Jyothimol P					3
Prof. Jyothi Susan Abraham					3
Prof.Kavitha Gopalakrishnan					3

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **8 (Dr. Rajith Chandran M.R.)**
- * Monographs: **NIL**
- * Chapter in Books **5**
- * Books Edited **5** by Prof. Kavitha Gopalakrishnan
- * Books with ISBN/ISSN numbers with details of publishers: **2**

Dr. Maya Kuriakose V

The Bedrock of Sin and the Cradle of Imagination –New Delhi, Adhyasfan Pub:2012

ISBN-978-81-8435-363-1

Dr. Jyothimol P.

Jean Rhy's Wide Sargasso Sea Revisited: New Paradigms – Changing Worlds:

Reviewing and Reinventing Literature and Culture – ISBN 978-81-920711-0-7

- * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated. **Dissertations and Projects proof reading.UGC Sponsored Add-on course in communication skills in English. Fees of Rs.1000/- each.**
21. Faculty as members in
National committees: **1** b) International Committees: **NIL** c) Editorial Boards: **4**
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/ programme **UG - 100% , PG - 100%, 10% release a CD.**
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **1.5**
23. Awards / Recognitions received by faculty and students:

2007-08	Dr.P.Jyothimol - University Award for Meritrium Achievement in NSS V.K.Karthika - 2nd Rank for BA English Anjali Ullas - Elocution Competition Ms.Meera C Murali, Ms.Nimmy Susan, Ms.Reshma Raghavan, Ms.Shobitha Zenith: All Kerala Jiff-Journalism competition organized by Assumption College, Changanacherry. Ms.Renjana Sara Philip,, – Awarded Ph.D.
2008-09	15 Students
2009-10	Anju R.S. - MG University Youth Festival 2010 winner. Sreelakshmi S. - MG University Youth Festival 2010 winner. Justin John - Attended NI Camp at Monali, Himachal Pradesh. Soniya K Sunny - Attended NI Camp at Monali, Himachal Pradesh. Sethu Parvathy - Poem selected for recital at American Consulate, TVM. Jiya Cherian - Participate in Republic Day parade at New Delhi. Alwin M John - Participate in State Convention of World Malayalee Council, World Inter State Camp, Chennai. Sivakumar A.N. - MG University Team Member-Football. Amstrong, Renju D,Laly Mathew, Susan Varghese-Awarded PhD
2010-11	Reeba Thomas - *Secured 3rd Rank in BA Communicative English, *Presented a paper entitled 'Language Stylistics in Advertisements' in the National Seminar.

	<p>Gorby K Johnson - *Presented a paper on 'Psychology and Spirit' organised by Kerala Social Club, Kollam, *Participated in International debate on 'Law and Society' held at S.N.College, Kollam, *2nd prize in Intercollegiate Elocution Competition at Assumption College, Changanacherry. *2nd prize in Intercollegiate Elocution Competition organised by MGOCSM, *3rd prize in Inter-collegiate competition at S.N.College, Kollam.</p> <p>2011 Extra Curriculum - Ms.Vinaya - NCC, Eby Varghese - NSS, Arun P Varghese - NIC,</p> <p>Devi Gangadharan - I.G.C., Reeba Thomas - Job Training Programme.</p> <p>2011 Kalolsavam - Anju R.S., Pratheek Shaji Sports - Thanu Mathew, Marsad Suhali T.P., Dibin A, Lijo Mathew, Sachin A.P.-National Champion.</p> <p>Ph.D Awardees – Susan Varghese, Renju D, Armstrong, Laly Mathew.</p>
2011-12	<p>Students - Anju R.S., Bastin Joseph, Thanu Mathew, Maneesh Mohan, Devi Gangadharan, Vinaya Ann Prakash. Ph.D - Dr. Bijimol Thomas, MG University.</p>
2012-13	<p>Principal Prof. Jacob Kurian Onattu received Kerala Higher Education Trust Padmabhushan Dr. M. V. Pylee Award 2013 for the Best Principal.</p> <p>Dr.Jyothimol P. awarded Ph.D</p> <p>Ms.Anju R.S Ministry of culture scholarship</p> <p>Mr.Anu Prakash Ist prize national level Tennikoit Championship</p> <p>Ms.Vani B.Nair 1st Group song University youth festival.</p>

24. List of eminent academicians and scientists / visitors to the department:

Dr. Anniamma Thomas, Vice Principal, Girideepam, Mr. Sadhu Padmanabhan (Gandhian), Prof. G. S.Jayaram, Rev.Fr.O.Thomas, Rev.Fr.Stephen OIC, Mr.P.C.Jose (President, Poonjar Film Society), Dr.K.S.Radhakrishnan (Former VC, SS Kalady & University Dean of Kalady University), Prof.Renju D Nair, Dr. P.P.Raveendran, Mr. V.George Mathew, His Grace Yakoob Mar Irenaios, Dr. Sr.Jesmi, Dr. D. Babu Paul, Dr. M.V.Narayanan, Sri. Sashi Kumar, Dr. B.Ekbal, Dr. Scaria Zacharia, Dr. Sanjeev Jain, H.G.Mathews Mar Sevarios, H.G.Kuriakose Mar Clemis, H.G.Gabriel Mar Gregorios, Sri. Joshy Mathew (Film Director), Sri. Thampi Kannamthanam (Film Director), Sri. Kailash (Cine Actor), Sri.S.Suresh Babu (Script Writer), Rev.Fr.E.K.George Cor Episcopa, Mr.P.U.Thomas, Navajeevan Trust, Dr. Jose Tom, HOD, Dept. of Medical Onology, Medical College, Kottayam, Sri. Ajayan Madakal (TV Artist), Prof.Cinni Rachel Thomas, Prof.Pheona Koshy, Prof.Sheela Jim, Dr.Sukumar Azhikodu, Sri Thiruvanchoor Radhakrishnan, Sri Vasavan, Sri. Paul Manalil,

Dr. Meena T. Pillai, Dr. T. P. Sreenivasan (Higher Education Council Chairman), Dr. Sherin Upot, Dr. K.P.Joy, Prof.O.M.Mathew, Mr.K.N.Pillai, Prof.P.J.Thomas, Dr.Gigi Joseph, Rev.Fr.T.J.Joshua, Prof.P.C.Alias.

25. Seminars / Conferences / Workshops organized & the source of funding:

a) National: **2 day National Seminar on ‘Language & Representation: The Mystique of Representation’.** **2 day National Seminar on Literature and Psychology. Memorial Lectures. a) Prof. Rajaram Menon memorial lecture 5edns, b) Prof. Manju Mathews memorial lectures-6edns.**

b) International: **NIL**

26. Student profile programme/course wise:

Year	Name of the Course (refer question no. 4)	Applications received	Selected	Enrolled		Pass Percentage
				*M	*F	
2007-08	BA English	1100	36	18	18	88.10
	MA English	130	16	1	15	35.00
	Ph.D English	NIL	NIL	NIL	NIL	
2008-09	BA English (Annual)	600	52	32	20	85.71
	MA English (Semester)	300	20	2	18	38.10
	Ph.D English					
2009-10	BA English	1000	54	24	30	77.78
	MA English	750	18	2	16	18.75
	Ph.D English	NIL	NIL	NIL	NIL	
2010-11	BA English	1200	52	18	34	85.37
	MA English	900	22	4	18	100.00
	Ph.D English	-	1	-	1	
2011-12	BA English	CAP	60	31	29	88.68
	MA English	CAP	21	4	17	81.82
	Ph.D English	1	-	-	-	
2012-13	BA English	CAP	60	16	44	92.16
	MA English	CAP	25	5	20	
	Ph.D English					

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08	BA English	100%	NIL	NIL
	MA English			
2008-09	BA English	100%	NIL	NIL
	MA English	95%	5%	NIL
2009-10	BA English	100%	NIL	NIL
	MA English			
	Ph.D English			
2010-11	BA English	98%	2%	NIL
	MA English	100%	NIL	NIL
2011-12	BA English	99%	1%	NIL
	MA English	100%	NIL	NIL
2012-13	BA English	100%	NIL	NIL
	MA English	100%	NIL	NIL

28. How many students have cleared NET, SLET and GATE? **NET-4, SET-2**

29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	70	80	70	70	80	80
PG to M. Phil	10	NIL	10	10	2	2
PG to Ph. D	5	1	3	20	5	5
Ph. D to Post –Doctoral	NIL	NIL	NIL	NIL	NIL	NIL
Employed						
▪ Campus selection	10	2	5	50	NIL	NIL
▪ Other than campus recruitment	60	5	55	20	80	2
Entrepreneurship/ Self-employed						

30. Details of Infrastructural facilities
- a.) Library: **2000 Books, Journals:6, Newspaper:1**
 - b.) Internet facility for Staff & Students: **Internet facility is provided for students in the department and general library.**
 - c.) Class rooms with ICT facility: **UG 1st semester Communicative course require training in communicative skills for which ICT facility is employed.**
 - d.) Laboratories: **Language Lab facility is provided for students of Add-on course.**
31. Number of students receiving financial assistance from College, university, government or other agencies:
- 1.) **College - Scholarship for merit-cum-means students 6**
 - 2.) **Endowment Instituted by staff and well wishers for students 6**
 - 3.) **Govt. Scholarship for SC/ST students 28**
32. Details on student enrichment programme (special lectures/ workshops / seminar) with external experts.

2007-08	1. Association activities which included the observance of World Environment Day, World Child Labour Day, Hiroshima Day, Value based orientation by Sadhu Padmanabhan on 21 st August 2007. 2. Documentary film on Hiroshima day. 3. Inter departmental Poster design Competition on 15 th June 2007. 4. 'Sakshara Keralam, Sundara Keralam'- Cartoon Design on 8 th September. 5. Memorial Lecture on 'Issue of Representation in Painting and Literature' by Prof.C.S.Jayaram on 31 st October 2007. 6. Reflections - Film Fest - 21 st & 22nd November. 7. Medical Emerging Awareness Programme by IIEMS on 28 th November 2007 8. Blended Harmony Ever Rolling Trophy - Intra-departmental cricket match on 4th to 6th February. 9. All Kerala Inter Collegiate Elocution and Quiz Competition on 6th February.
2008-09	1) Poster Designing Competition on Drug Abuse, 2) Essay competition on World Youth Day, 3) Hiroshima & Nagasaki day, 4) Patriotic Song Competition, 5) Welcome to M1 & D1 & Farewell to D3 & M2, 6) Orientation programme for PG students, 7) Prof. P. Rajaram Menon Memorial Lecture – Dr. Sukumar Azhikode, 8) Inauguration of ELITA (Vinod George Joseph, author of Hitdhiker) (Dr.Skaria Zacharia), 10) Study Tour, 11) Sophodes' Oedipus Rex in Kathakali Art, 12) 'Dew Drops' – CD 13) An Encounter with Wild Life (David Rajan), 14) 'Love Ablaze' – CD-award winning short

	plan, 15) Inter Collegiate Quiz & Education, 16) ELITA DAY.
2009-10	<p>Association Activities</p> <ol style="list-style-type: none"> 1. Hiroshima Day was observed on August 6 with a poster exhibition titled 'Peace Outshines War', a skit titled 'Misled Youth', and a mime titled 'Terror of the World'. - A manuscript magazine 'Eliteraria 2009' was released on the same day. 2. A Kerala Quiz was organized in connection with Kerala Piravi on November 5th 3. A collection of poems by 3rd year students was released on February 6. It was titled 'Autograph'. 4. An All Kerala Intercollegiate Quiz and Elocution Competition was conducted by the Dept. on February 9.
2010-11	<ol style="list-style-type: none"> 1. Orientation for UG and PG students. 2. Association Activities. 3. Film Fest in the college. 4. 2 Memorial lectures 5. Natinal seminar on “Language and Representation – The Mystique of Representation” <ol style="list-style-type: none"> 1) ELITA inauguration and launching of Add on course in Communication skills. Theme of Keynote Address “Begin with the End in Mind & Be the Winners at the End”. 2) Visit with 15 EKM – to see the train exhibition – “sanskriti exhibition on wheels”, 3) Tagore Fest 2010 (Film Show) – Chief Guest Rev. Fr. George Sebastian, Director, Thanmaya Media Centre, 4) Hiroshima Day Observance – Theme: ‘Together With a Vision towards Transformation & Peace’, 5) Wallpaper magazine, 6) Poster Exhibition, 7) Onam Celebrations, 8) Teachers Day Celebrations, 9) Knowledge Hunt Quiz Series, 10) DEMISE OF EBYSON V.J. – Fund raised for family, 11) Wild Life Week, 12) Prof. P. Rajaram Menon Memorial Lecture (Chief Guest Dr. Jancy James), 13) Study Tour, 14) Laurels 2010 – Research Centre of English, 15) Prof. Manju Memorial Lecture (Sr. Dr. Jesme), 16) ‘Xmas celebrarions, 17) 2 day National Seminar on ‘Language and Representation: The Mystique of Interpretation’, 18) All Kerala Inter Collegiate Quiz & Education Competitions, 19) ELITA 2010-11, 20) Farewell Programme.
2011-12	<ol style="list-style-type: none"> a) Orientation for UG and PG students b) 2 Memorial Lectures c) National Seminar d) Commencement day Speech e) P.G. Forum Orientation f) Career Guidance Classes g) Activities of ELITA(subject association)

	<ol style="list-style-type: none"> 1. Poster Designing Competition on World Environment Day 2. Baselian Santhvanam – an outreach programme for cancer patients 3. 3D Film Festival & Exhibition 4. Onam & Christmas Celebrations 5. Study Tour 6. Hiroshima Day Observance and Poster Exhibition 7. Visit to Doddabetta Tea Factory and the Tea Museum 8. Xpressions'11 – A two day film Festival 9. Cultural Activities 10. Manuscript Magazine 11. The 32nd Edition of the All Kerala Inter Collegiate Quiz and Elocution Competition 12. Information Booklet on Kerala Tourism.
2012-13	<ol style="list-style-type: none"> 1. World Environment Awareness Program –Environment Day 2. World Elders' Day celebration 3. Celebration of Peace-Hiroshima Day 4. Manju Mathew Memorial Lecture – Dr.Meena T.Pillai 5. Prof.Raja Ram Memorial Lecture – Dr.T.P.Sreenivasan 6. Tribute to poet Vinaya Chandran 7. Women's Day – Dr.Jyothimol P. 8. All Kerala Quiz and Elocution

33. Teaching methods adopted to improve student learning: **E-Learning, Assignments, Seminars, Test papers, Film shows, Quiz, Debates and Discussions, Audio Visual Aids, Peer-Teaching, Study Tours, Language Lab, Survey, Remedial Teaching, Question-Answer Sessions etc.**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

2007-08	Extension Activities 1. Visit to Shanti Bhavan 2. Study Tours
2008-09	More than 75%
2009-10	1. Jyothimol P. - Grammar classes for teachers at Bharathiya Vidya Niketan, Kanjiramattom. 2. Jyothimol P. - Served as member, Standing Committee for Women's Empowerment Protection, Amballor Grama Panchayath. 3. Dr.Varghese Leena - Dist. Co-ordinator, Grihalakshmi Women's Forum, Mathrubhumi, Kottayam Unit.
2010-11	MA students took classes for Add-on students. Santhvanam Project – aid for Cancer patients
2011-12	
2012-13	Collected money from different sources and contributed to charitable society `Karunya Nilayam' – 110000

	Distribution of clothes – Navajeevan Trust Visit to Cancer ward of Medical College and celebrating Onam with inpatients. Cancer awareness programmes in schools by students.
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35. SWOC analysis of the department and Future plans:
1. **A cupboard with locker facility and a utility rack to store the papers and files to teachers**
 2. **Separate carrels for research scholars**
 3. **A separate cubicle for faculty members**
 4. **To publish a departmental journal**
 5. **Develop a Theatre Hub on the Campus**
 6. **Establish a Video Library**
 7. **Submit proposal under UGC XII plan to construct a hi-tech theatre with 3D option**
 8. **Separate class rooms for D1 & D2 students**
 9. **Corridor should be Trouble Free & Noise Free so that PG classes can function smoothly**
 10. **Visit to Navajeevan and Shanti Bhavan**
 11. **3D Film Festival and Exhibition in association with Digital Media (Education and Entertainment)**
 12. **On-line Magazine**
 13. **Preparation of Documentaries and Short Films on cave discovery in Njaliakuzhy**
 14. **Publish an Information Booklet on Kerala Tourism**

DEPARTMENT OF PHYSICS

1. Name of the Department : **Physics**
2. Year of Establishment : **1995**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **B.Sc. Physics (CBCSS), M.Sc. Physics (Semester)**
4. Names of Interdisciplinary courses and the departments/ units involved.
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester, Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **Mathematics-Physics(Complementary), Chemistry-Physics (Complementary), Physics - Electronics (Complementary)**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	2	2	2
Asst. Professors	8	5	3
Guest Lecturers	-	3	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc): January 2014

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Dr. Nirmala Joseph	M.Sc., PhD	Asso. Prof & HOD	Electronics Crystallography	18 years	-
Dr. V.M. Mathew	M.Sc., Ph.D	Asso. Prof	Electronics	32 years	-
Smt. Sindu Jones	M.Sc., M.Phil, B.Ed	Asst. Prof	Electronics	12 years	(FIP leave)
Smt. Linju Ann Jacob	M.Sc., UGC NET	Asst. Prof	Electronics	12 years	-

Dr. Nibu A. George	M.Sc., PhD	Asst. Prof	Laser	3 years	-
Dr. Anisha Mary Mathew	M.Sc., PhD	Asst. Prof	Electronics	10 months	
Smt. Misha Hari	M.Sc., M.Phil	Asst. Prof	Nano photomics	10 months	-
Dr. Ambika D.	M.Sc. PhD, M.Phil	Asst. Prof	Electronics	10 months	-
Ms. Aswathy R. Chandran	M.Sc.	Guest Lecturer	Computer Science	2 years & 6 months	-
Ms. Soumyamol K. S.	M.Sc., B.Ed.	Guest Lecturer	Electronics	1.5 years	(FIP substitute)
Mr. Nibu B. Thomas	M.Sc.	Guest Lecturer	Electronics	8 months	-

11. List of senior visiting faculty : **NA**
12. Percentage of lectures delivered and practicals handled by temporary faculty: **50%**
13. Student – Teacher Ratio (programme wise): **18:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **4 (1+3)**
15. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D-3 / M.Phil-1 / PG-1**
16. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **NIL**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Job Oriented Add-on Course on Computer Hardware Maintenance & Networking. Comment: The Add-on Course was started in 2004 as a 5 year programme and ended in 2009. A seed amount of Rs. 700,000/- was received from UGC for conducting three Add-On courses (The other two being - conducted by Departments of Chemistry & Botany)**
18. Research Centre/ facility recognized by the University: **NIL**
19. Publications:
 - * (a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students

Name of the faculty	07-08	08-09	09-10	10-11	11-12	12-13
Dr. Nirmala Joseph	1		1			
Dr. V.M.Mathew	1		2	1	2	
Dr. Nibu A. George	1	2	1		2	1

- * Number of publications listed in International Database(For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **6 (Dr. Nibu A. George)**
- * Monographs: **NIL**
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers: **NIL**
- * Citation Index: **NIL**
- * SNIP
- * **SJR: 0,201, 0,582, 1,144, 0,910, 1,058**
- * **Impact factor: 0.398, 0.827, 2.829, 3.157, 2.544**
- * **h-index: 15, 11, 107, 71, 106**
- 20. Areas of consultancy and income generated: **NIL**
- 21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards: **NIL**
- 22. Student projects
 - (a) Percentage of students who have done in-house projects including inter departmental/ programme: **UG - 100% , PG - 43%**
 - (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **57%**
- 23. Awards / Recognitions received by faculty and students: **(1) International Patent for LED light, (2) Young scientist award-Dr.Nibu A George,Asst.Professor.2012**
- 24. List of eminent academicians and scientists / visitors to the department:

2008-09	1. Prof. Dr.Jayanth Murthy, Indian Institute of Astronomical Science, Bangalore 2. Dr. Shankar Raman, Newmans College, Thodupuzha 3. Prof. C.S.Menon SPAP, MG University 4. Mr. Balasubramanian ITS 5. Prof. Dr.Vasudevan, Calicut University 6. Prof. K.K.G. Pillai, NSS College, Vazhoor
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2010-11	1. Prof. Dr.V.P.N.Nampoori, CUSAT
2011-12	2. Dr. Reji Philip, RRL
	3. Prof. Dr.N.V.Unnikrishnan, MG University
	4. Dr. Sebastian Mathew, KE College
	5. Prof. Sudha Kartha, CUSAT
	6. Dr.Ison V Vanchipurackal, St. Thomas College, Pala
	7. Dr. Kailas Nath, CUSAT
	8. Dr. Thomas Baby, RRI, Kottayam
	9. Prof. Ison Vanchipurackal, St. Thomas College, Pala

25. Seminars / Conferences / Workshops organized & the source of funding:

- a) **National Seminar on ‘Mesmerisms in Optoelectronics’ funded by UGC**
- b) International **NIL**

26. Student profile programme/course wise:

Year	Name of the Course/ Programme	Applicat ions received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-08	B.Sc. Physics	921	25	12	13	100.00
	M.Sc. Physics	208	15	7	8	50.00
2008-09	B.Sc. Physics	906	26	10	16	100.00
	M.Sc. Physics	205	11	9	2	50.00
2009-10	B.Sc. Physics	911	25	20	5	95.65
	M.Sc. Physics	212	11	3	8	63.64
2010-11	B.Sc. Physics	CAP	23	7	16	92.31
	M.Sc. Physics	CAP	14	1	13	63.64
2011-12	B.Sc. Physics	CAP	23	10	13	88.00
	M.Sc. Physics	CAP	15	5	10	71.43
2012-13	B.Sc. Physics	CAP	28	13	15	95.45
	M.Sc. Physics	CAP	12	3	9	

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08 2008-09 2009-10 2010-11 2011-12	B.Sc. Physics M.Sc. Physics	100%	NIL	NIL

28. How many students have cleared NET, SLET and GATE? **GATE - 1 (2009-10), GATE - 1 (2010-11), NET – 3 (2011-12)**

29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	81.48	88.88	34.78	79.166	79.166	17
PG to M. Phil	NIL	NIL	NIL	NIL	NIL	
PG to Ph. D	NIL	NIL	NIL	1	1	
Ph. D to Post – Doctoral	NIL	NIL	NIL	NIL	NIL	
Employed ▪ Campus selection ▪ Other than campus recruitment	NIL	2	4 2	1 1	1 1	1 1
Entrepreneurship/ Self-employed	NIL	NIL	NIL	NIL	NIL	

30. Details of Infrastructural facilities

- Library: **Department Library with 1624 books**
- Internet facility for Staff & Students: **Available**
- Class rooms with ICT facility: **Computer Lab with OHP & LCD Projector**
- Laboratories: **5 Laboratories (1 UG Physics Lab, 1 UG Electronics Lab, 1 PG Physics Lab, 1 PG Electronics Lab, Computer Lab with 15 PCs and 2 Printers)**

31. Number of students receiving financial assistance from College, university, government or other agencies

	07-08	08-09	09-10	10-11	11-12
UG	2	2	2	2	3
PG	2	2	2	2	2

32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2008-09	<ol style="list-style-type: none"> 1. Environment day celebrated 2. C.K. Kuriakose lecture series by Prof. Vasudevan & Prof. C.S.Menon 3. Space week celebration by conducting talks & Quiz programme 4. Anti Drug Day 5. Talk on Physics through Cinema
2009-10	<ol style="list-style-type: none"> 1. Demestic Wiring by Sri. Saji, Electrical Supervisor 2. Workshop on Soloar Eclipse and also viewing the sun through filters on the eclipse day by Dr.Ben Jose of Sree Shankara College, Kalady 3. Prof. Susan John K Memorial All Kerala Inter Collegiate Physics Quiz Competition - Dr. K.P.Sateesh, Govt. College, Nattakom acted as the Quiz Master. 4. Poster Display as a part of International Year of Astronomy 5. Galaxy Cluster - Dr.K.S. Dwarakanath, RRI, Bangalore 6. Energy Conservation - Dr. Sankar Raman
2010-11	<ol style="list-style-type: none"> 1. Perspectives in Physics - Prof.Dr.C.S.Menon 2. Physics Exhibition - PHYSIBIT 2010 3. Prof. Susan John K Memorial All Kerala Inter Collegiate Physics Quiz Competition - Dr.Shankar Raman, Nirmala College, Muvattupuzha acted as the Quiz Master 4. Seminar on Computer Hardware - Sri. Manoj P Nजारकट्टिल
2011-12	<ol style="list-style-type: none"> 1. Everday Physics - Phenomenon associated with Nature by Dr. Sebastian Mathew, KE College, Mannanam 2. UGC Sponsored Two Day National Workshop on "Mesmerisms in OptoElectronics" 3. Prof. Susan John K Memorial All Kerala Inter Collegiate Physics Quiz Competition - Dr.Ison V Vanchipurackal of St.Thomas College, Pala acted as the Quiz Master.
2012-13	<p>Special lecture by Dr. Thomas Baby – RRI, Kottayam</p> <p>State Level Quiz Competition – Dr. Ison Vanchipurackal, St. Thomas College, Pala.</p>

33. Teaching methods adopted to improve student learning : **Tutorials, Frequent test papers, Assignments, Seminars, Physics Exhibitions - PHYSIBIT – 2010, Science Exhibitions - EXPO 2012, Laboratory Practicals, Study Tours, Visit to Industries.**

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

Year	Faculty	Students
2008-09	1. Maj K Mathew a.) NCC Unit b.) Anti Ragging Squad c.) Advisory to College Improvement Advisory Committee (COSIP) d.) Add on Course - Committee member 2. Smt. Elizabeth Varghise a.) Add on Course - co-ordinator 3. Dr. Nirmala Joseph a.) Convenor of Seminars b.) Member of Baselius College Trophy Committe 4. Dr. V.M.Mathew a.) Baselius Researcher committee member 5. Sindu Jones acted as a.) IQAC member b.) Photographic Club c.) Arts Club d.) UGC Correspondence & Fund Utilisation	1. Sreejith R.S. a.) II M.Sc. I Place in Power Quiz competition conducted by KSEB. b.) Kala Prathibha of Surgolsavam. c.) Physics Quiz Competition III Place, conducted by Assumption College, Changanesserry. 2. Arun Gopinath of III B.Sc. Physics a.) Physics Quiz Competition III Place, conducted by Assumption College, Changanesserry. b.) III Place in Prof. Susan John Memorial All Kerala Physics Quiz competition.
2009-10	1. Smt.Elizabeth Varghise a.) Advisory to College Improvement Advisory Committee (COSIP) 2. Dr. Nirmala Joseph a.) Convenor of Seminars b.) Member of Baselius College Trophy Committe c.) Advisory to College Science Improvement (COSIP) 3. Dr. V.M.Mathew a.) Baselius Researcher committee member 4. Sindu Jones acted as a.) IQAC member b.) Photographic Club c.) Arts Club d.) Physics Association in charge	1. NCC - Asha Thomas of II B.Sc Physics won gold medal in TSC Camp held at Calicut 2. NSS - Rejo Mathew Joseph of II B.Sc. Physics was selected as the Best camper of the year 2009 in Rotary Youth leadership camp at Kottayam. 3. Raise Kurian of III B.Sc. Physics was selected in MG University & Kerala Football team 4. Uma M.N. of III B.Sc.

	<p>5. Linju Ann Jacob</p> <p>a.) Choreography</p> <p>b.) CBCSS department co ordinator</p>	<p>Physics bagged 1st Place in group music competition in MG University Youth Festival</p>
2010-11	<p>1. Smt.Elizabeth Varghise</p> <p>a.) Advisory to College Improvement Advisory Committee (COSIP)</p> <p>2. Dr. Nirmala Joseph</p> <p>a.) Convenor of Seminars</p> <p>b.) Member of Baselius College Trophy Committe</p> <p>c.) Advisory to College Science Improvement (COSIP)</p> <p>3. Dr. V.M.Mathew</p> <p>a.) Baselius Researcher committee member</p> <p>4. Sindu Jones acted as</p> <p>a.) IQAC member</p> <p>b.) Photographic Club</p> <p>c.) Convenor Career Guidance & Placement Cell</p> <p>d.) Music Club</p> <p>e.) Physics Association Incharge</p> <p>5. Linju Ann Jacob</p> <p>a.) Choreography</p>	<p>1. Thomas Geevarghese of III B.Sc. Physics</p> <p>a.) Powerpoint presentation bagged 1st Place conducted by St.Stephen's College, Uzhavoor.</p> <p>2. Basil K of II M.Sc Physics</p> <p>a.) bagged 1st Place in Powerpoint presentation conducted by St.Stephen's collge, Uzhavoor.</p> <p>3. Harikrishnan C Gopal of II B.Sc Physics</p> <p>a.) bagged 3rd Place in Painting Competition conducted by Election Commission of India</p> <p>b.) got 1st Place in Poster Designing conducted by NSS Kottayam Unit.</p>
2011-12	<p>1. Dr. Nirmala Joseph</p> <p>a.) Baselius Researcher committee member</p> <p>b.) Incharge of Tutorial System</p> <p>c.) Advisory to College Science Improvement (COSIP)</p> <p>2. Dr. V.M.Mathew</p> <p>a.) Baselius Researcher committee member</p> <p>3. Sindu Jones acted as</p> <p>a.) State Coordinator of Talent Search Examination in Physics conducted by Academy of Physics Teachers, PTA Secretary</p>	<p>1. Nithin Mohan of I B.Sc. Physics</p> <p>a.) Participated in R.D.Camp</p> <p>b.) Attended Youth exchange programme, Delhi</p> <p>2. Harikrishnan C Gopal of III B.Sc. Physics</p> <p>a.) Bagged 3rd Place in Painting Competition conducted by Election Commission of India</p>

	<p>b.) Coordinator for National Seminar c.) Vice President of AKPCTA 4. Linju Ann Jacob a.) Incharge of Photographic club b.) Physics Association 5. Dr. Nibu A George a.) Alumni Association Committee b.) IQAC member c.) CBCSS department coordinator</p>	<p>b.) Secured A Grade in MG University Youth Festival for on the spot Painting Competition, 2012</p>
2012-13	<p>1. Dr. V M Mathew Baselius Researcher committee member 2. Dr Nirmala Joseph Baselius Researcher committee member PTA Secretary Advisor to College Science Improvement [COSIP] Squad of mg university examinations 3. Linju Ann Jacob Teacher in charge of Choreography Club Class Teacher of III B.Sc Physics Teacher in charge of Photography Club 4. Nibu A George Baselius Alumni Association Teacher in charge IQAC member CBCSS department Coordinator Physics Association- Teacher in charge Class Teacher of II B.Sc Physics Staff club committee member Baselius Researcher committee member</p>	<p>NSS Merin Maria Augustin of II B.Sc Physics attended republic day parade. M G University Youth Festival 2013 Navaneeth A. Raveendran got A Grade for Malayalam Essay writing in University youth Festival.</p>

35. SWOC analysis of the department and Future plans: **Enhancing Lab & Class room facility, Research Laboratory, Smart Class Rooms.**

DEPARTMENT OF CHEMISTRY

- Name of the Department : **Chemistry**
- Year of Establishment : **1964**
- Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.Sc. Chemistry, M.Sc. Chemistry**
- Names of Interdisciplinary courses and the departments/ units involved.
Complementary Chemistry Courses for Botany & Zoology Students
Open courses for Students from English, Malayalam, Commerce, Botany & Zoology.
- Annual / Semester / Choice based credit system (programme wise): **Annual, Semester, Choice based credit system.**
- Participation of the department in the courses offered by other departments: **B.Sc. Chemistry students opt for Complementary Courses offered by Maths & Physics Departments. They also opt for open courses and add on courses offered by other departments.**
- Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
- Details of courses/programmes discontinued (if any) with reasons: **NIL**
- Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	6	6	4
Asst. Professors	3	3	1
Guest Lecturers	-	1	-

- Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Dr. Annie Mathews	M.Sc., M.Phil, Ph.D, PGDHE	Asso. Prof & HOD	Organic Chemistry	32 years	-
Dr. Annamma Kurian	M.Sc., PhD	Asso. Prof	Analytical Chemistry	32 years	-
Smt. Neenamma John	M.Sc.	Asso. Prof	Applied Chemistry	31 years	-

Smt. Beena Kuriakose	M.Sc., M.Phil	Asso. Prof	Analytical Chemistry	29 years	-
Dr. Suma Bino Thomas	M.Sc., M.Phil, PhD, UGC NET	Asso. Prof	Polymer Chemistry	16 years	-
Dr. Jalaja J. Malayan	M.Sc., M.Phil, PhD, UGC NET	Asso. Prof	Physical Chemistry	16 years	-
Smt. Jinu Mathew	M.Sc., M.Phil, UGC NET	Asst. Prof	Inorganic Chemistry	2 years	-
Smt. Sheetal Elizabeth Thomas	M.Sc., UGC NET	Asst. Prof	Analytical Chemistry	2 years	-
Dr. Leena R	M.Sc., B.Ed, PhD, UGC NET	Asst. Prof	Analytical Chemistry	Joined on 03/06/2013	-

11. List of senior visiting faculty : **NA**
12. Percentage of lectures delivered and practicals handled by temporary faculty: **7.1%**
13. Student – Teacher Ratio (programme wise): **14:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **sanctioned – 5, filled – 5**
15. Qualifications of teaching faculty with DSc / D.Litt / Ph.D-5 / M.Phil-5 / PG-2
16. Number of faculty with ongoing projects from (a)National (b)International funding agencies - **NIL** and grants received: **2 LAKH, 3.47 LAKHS**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
18. Research Centre/ facility recognized by the University: **NIL**
19. Publications:
 - * (a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students

Name of the faculty	07-08	08-09	09-10	10-11	11-12	12-13
Dr. Daisy Joseph	1			1		
Dr. Jalaja J. Malayan	2		1	1		
Dr. Suma Bino Thomas	1					
Dr. Annie Mathews	1	2				1

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **3 (Dr. Jalaja J. Malayan, Dr. Annie Mathews)**
 - * Monographs: **NIL**
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers: **NIL**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR: **0,246, 1,291, 0,273**
 - * Impact factor: **00.617, 3.060, 0.295**
 - * h-index: **28, 151, 19**
20. Areas of consultancy and income generated: **NIL**
21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards: **1**
22. Student projects
a.) Percentage of students who have done in-house projects including inter departmental/ programme: **UG - 100% , PG - 56%**
b.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **PG - 44%**
23. Awards / Recognitions received by faculty and students:

2008-09	1. Dr. Annie Mathews was awarded Ph.D. in July 2008 from MG University. 2. Ms. Minzu M. of final year M.Sc. won 3rd prize in the State Level Essay competition conducted by College Education Department. 3. Ms. Minzu M. of final year M.Sc. won 2nd prize in the State Level Essay competition conducted by Malayala Manorama on Science Day.
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2009-10	<ol style="list-style-type: none"> 1. Awarded Ph.D. Degree to Dr. Suma Bino Thomas 2. Sreekanth M. of D3 Chemistry & Smt. Sruthy Jayakumar of D1 Chemistry, Sri. Sachin of D1 Chemistry, Smt. Reshma of D1 Chemistry bagged prizes in the university youth festival. Sri. Sachin of D1 Chemistry, Smt. Reshma of D1 Chemistry bagged prizes in competitions organized by Hindi Prachar sabha. 3. Sarika S. of M2 Chemistry & Aswathy P.R. of D2 Chemistry bagged 1st prize for the Kerala Piravi Quiz conducted by English Department. 4. Srikanth M. of D3 Chemistry and Sruthy Jayakumar of D1 Chemistry were members of the group song team which won 1st prize in MG University youth festival 2009-10. 5. Renu Ravindran of M2 Chemistry was selected as research fellow in Indian Rare Earths Limited, Kollam. 6. Patent granted to Prof. Varkey Mathew for the work entitled process for making polymeric material of cellulose nano fibers from wastes of plantain and banana plants, for a term of twenty years starting from the date 1-11-2006(date of grant:21-11- 2010) India Patent No. 244800
2010-11	<ol style="list-style-type: none"> 1. Prof. Varkey Mathew's work on Cellulose Nano Fiber got patented 2. Dr. Daisy Joseph was a resource person for Higher Secondary School Teachers under Faculty Development Programme 2010 of Govt. of Kerala. 3. Sruthy Jayakumar of D2 got A grade for Malayalam Recitation in the University Youth Festival.
2011-12	<ol style="list-style-type: none"> 1. Dr. Suma Bino Thomas, Member, UG Board of Studies, Kerala University. 2. Brahmanandan P.B. of 2nd yr B.Sc. won B certificate in NCC, obtained L/CPL in NCC 3. Nimisha Ramesh of 2nd year B.Sc. bagged 1st prizes for Recitation, Sree Narayana Quiz, Essay Writing & Malayalam Elocution Competition (all are State Level Competitions) on 26/12/2011 in connection with 79th Sivagiri Theerthadanam 2011-12. 4. Jyothi P. Kumar of 2nd year B.Sc. won 1st Prize & Cash Award of Rs.5000 in the State Level Essay Competition conducted by Democratic & Antiviolence Association, 2nd prize in Interdepartmental Essay Competiton, 2nd prize in Intercollegiate Elocution Competition conducted by Marthoma College, Thiruvalla.

2012-13	<p>A seminar cum counseling class for degree students-by Mr.Anoop Vaikom on December 19, 2012</p> <ul style="list-style-type: none"> ❖ Essay competition on the topic “Punerjani Thedunna Puzhakal” on June 05, 2012 (Environment Day) ❖ Inauguration by Dr.T V Mathai, former HOD, CMS College Kottayam on August 13, 2012 ❖ Inter Departmental Quiz Competition based on “Chemistry in Every Day Life” on October 08, 2012 ❖ Visited Rubber Board on November 11, 2012 and attended the “Sastra Darshan” programme ❖ Conducted Chem Fest on December 12, 2012, a cultural programme for chemistry students ❖ Intra Departmental Christmas Card Making Competition on December 20, 2012 ❖ Intra Departmental Cross Word Competition based on Chemistry was conducted on January 05, 2013 ❖ Study Tour to NIIST(National Institute for Inter Disciplinary Science and Technology) was conducted on February 28, 2012 ❖ Published a manuscript magazine “Sankoli”
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24. List of eminent academicians and scientists / visitors to the department:

Prof. Dr. P U Mathai- Retd Prof. CMS College

Dr. S.Sugunan, Cochin University of Science and Technology

Dr. Vijay Nair, Raja Ramanna Fellow NIIST, Trivandrum

Dr.George Thomas, FASc, Professor, School of Chemistry & Dean IISER, Trivandrum

Dr.Anil Kumar Gopinathan, Assistant Professor

Dr.Uday Maitra, Associate Professor, Department of Organic Chemistry, IISc, Bangalore

Dr.Prathapan Sreedharan, Associate Professor (Organic Chemistry), Cochin University of Science & Technology

Prof.Madhu Soodhanan, Rtd HOD of Chemistry, S.N.M College, Maliankara

Prof.George Francis, St.Thomas College, Pala

25. Seminars / Conferences / Workshops organized & the source of funding:

c) National **UGC Sponsored two day National Seminar on Modern Trends in Organic Chemistry on 23, 24 February 2012.**

d) International **NIL**

26. Student profile programme/course wise:

Year	Name of the Course/ Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-08	B.Sc. Chemistry		34	17	17	60.00
	M.Sc. Chemistry		17	5	12	50.00
2008-09	B.Sc. Chemistry		36	16	20	80.00
	M.Sc. Chemistry		18	4	14	66.67
2009-10	B.Sc. Chemistry		36	14	22	60.61
	M.Sc. Chemistry		15	5	10	66.67
2010-11	B.Sc. Chemistry		31	9	22	82.35
	M.Sc. Chemistry	CAP	18	2	16	66.67
2011-12	B.Sc. Chemistry	CAP	38	15	23	87.88
	M.Sc. Chemistry	CAP	20	4	16	77.78
2012-13	B.Sc. Chemistry	CAP	44	12	32	86.21
	M.Sc. Chemistry	CAP	20	4	16	X

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08 2008-09 2009-10 2010-11 2011-12 2012-13	B.Sc. Chemistry M.Sc. Chemistry	100%	NIL	NIL

 28. How many students have cleared NET, SLET and GATE? **NET - 3 (2011-12)**

29. Student progression

Student progression	Against % enrolled				
	2007-08	2008-09	2009-10	2010-11	2011-12
UG to PG	28	36	24	24.3	51.4
PG to M. Phil	NIL	11.8	11.11	NIL	20
PG to Ph. D	NIL	NIL	NIL	NIL	NIL
Ph. D to Post –Doctoral	NIL	NIL	NIL	NIL	NIL
Employed					
▪ Campus selection	NIL	NIL	NIL	NIL	NIL
▪ Other than campus recruitment	17	33.3	23.5	18	20
Entrepreneurship/ Self-employed	NIL	NIL	NIL	NIL	NIL

30. Details of Infrastructural facilities

a.) Library: **583 books**

b.) Internet facility for Staff & Students: **8 Computers & 1 Laptop**

- c.) Class rooms with ICT facility: **A reading room with ICT facility**
- d.) Laboratories: **1 UG Lab & 2 PG Lab with all facilities required for Physical, Organic & Inorganic practicals as per curriculum.**
31. Number of students receiving financial assistance from college, university, government or other agencies: **Two Scholarships (K.C.Chacko Kuttenchira Award & Joseph Chandy Foundation Award) from the college.**

Govt .Scholarships

2012-13

1. Post matric scholarship for Chicku Mary Abraham, Chinchooty P Joy, Amina Aboobacker, Reshma Merin Abraham and Sajan Scaria of D1 Chemistry(2012-2015)
2. Shadiya Saisha and Jancy Jacob of M1 Chemistry- C.H. Mohammed Koya Scholarship
3. Suvarna Jubilee Scholarship by Kerala government for Divya Thankappan of M1 Chemistry

2011-12

1. Indira Gandhi single child scholarship for Aishwarya of M1 Chemistry
2. C.H. Mohammed Koya Scholarship for Roosiya and Jahana of M1 Chemistry
3. Suvarna Jubilee Scholarship by Kerala Government for Remya U of M1 Chemistry

2010-11

1. Post Matric Scholarship for Arun V Kurien and Reshma David of D1 Chemistry

2009-10

1. Indira Gandhi single child Scholarship for Pournami K of M1 Chemistry
32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2008-09	Chemistry exhibition 'Rasavismayam' was conducted. Counselling classes for 2nd and final year students.
2009-10	A career orientation programme was arranged for our PG students by managers of Diacri Tech, an MNC in Bioinformatics. A talk by its Alumni Mr. Jibin Abraham for 1st year B.Sc students on various M.Sc. courses in different institutions. A one day National seminar sponsored by MG University on Molecular Spectroscopy & Quantum Mechanics by Dr. S. Sugunan, Professor, Cochin University.

2010-11	One day seminar on Molecular Spectroscopy by Dr. S. Sugunan of Cochin University of Science and Technology was organized for the benefit of PG students. One day counselling programme by Dr. Elizabeth Samson, CMS College, Kottayam was arranged for the degree students, Chemistry Exhibition, Handwritten magazine 'spandanam'.
2011-12	<ol style="list-style-type: none"> 1. Prof. Madhu Soodhanan, Rtd. HOD of Chemistry, S.N.M. College, Maliankara, gave a lecture on Chemistry in Everyday life on 16/07/2011, accompanied by a Handicrafts Exhibition of Chemistry models. 2. Poster & Science Exhibition & Seminar on Quantum Mechanics (Prof. George Francis, St.Thomas College, Pala) were conducted in connection with the International year of Chemistry-2011 celebration on 13/12/2011. 3. UGC Sponsored two day National Seminar on Modern Trends in Organic Chemistry on 23, 24 February 2012 4. Dr. Vijay Nair, Raja Ramanna Fellow NIIST, Trivandrum 5. Dr. George Thomas, FASc, Professor, School of Chemistry & Dean IISER, Trivandrum 6. Dr. Anil Kumar Gopinathan, Asst.Professor, School of Chemical Sciences, MG University 7. Dr. Uday Maitra, Asst.Professor, Dept. of Organic Chemistry, IISc, Bangalore 8. Dr. Prathapan Sreedharan, Associate Professor, Organic Chemistry, Cochin University of Science & Technology
2012-13	A seminar cum counseling class for degree students-by Mr.Anoop Vaikom on December 19, 2012

33. Teaching methods adopted to improve student learning : **Seminars, Assignments, Group Discussion, Remedial classes for UG and PG classes, ICT facility made available for all students**

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

2007-08	Prof. Varkey Mathew was a resource person in a One day Seminar for Bank Officers and Entrepreneurs on 31/01/2008.
2008-09	<ol style="list-style-type: none"> 1. Prof. Varkey Mathew was a resource person in "Mass awareness programme on Energy and Environment conservation" at Cochin Refineries on 30/01/2009. 2. Dr. Daisy Joseph was a resource person in a Three day UGC sponsored workshop "New vistas in Chemistr"" at NSS College, Changanacherry.
2009-10	Dr. Daisy Joseph conducted seminar for Higher Secondary School teachers in connection with faculty development Programme 2009, held at Holy Family HSS, Kottayam.

2010-11	Dr. Daisy Joseph was a resource person for Higher Secondary School teachers under Faculty Development Programme-2010 of Govt. of Kerala.
2011-12	Our final year B.Sc. students launched a website hellokottayam.com , from which we can get all information about hospitals, institutions, Govt. offices, travelling facilities etc.
2012-13	

35. SWOC analysis of the department and Future plans:

- a.) **To elaborate the Department library and computer lab**
- b.) **Guidance programme for the PG students for CSIR/NET qualifying examination**
- c.) **Identify the top students and to start peer-group teaching**
- d.) **To conduct National Seminars on different topics in Chemistry**
- e.) **Seek upgradation of the Department as a Research Centre**

DEPARTMENT OF ECONOMICS

- 1) Name of the Department : **Economics**
- 2) Year of Establishment : **1967**
- 3) Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **BA Economics, MA Economics**
- 4) Names of Interdisciplinary courses and the departments/ units involved: **The students of BA Economics CBCSS study History as complementary subject in 1st and 2nd semester and Political Science as complementary subject in 3rd and 4th semester. Students from Commerce, English, Malayalam, Physics, Mathematics, Chemistry and Zoology study the open course ‘Business Economics’ offered by the Department.**
- 5) Annual / Semester / Choice based credit system (programme wise): **Annual, Semester, Choice based credit system.**
- 6) Participation of the department in the courses offered by other departments: **A number of BA Economics students are doing the diploma course in Animation and Multimedia. A number of students are attending the Add-on course in Communicative English offered by the English Department. Students of Economics study ‘Open Courses’ offered by other departments.**
- 7) Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
- 8) Details of courses/programmes discontinued (if any) with reasons: **NIL**
- 9) Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	1	1	NIL
Asst. Professors	6	4	NIL

- 10) Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Sri. M.J. Shaju	MA, B.Ed., UGC NET Qualified	Asso. Prof & HOD	Finance	18 years	-
Smt. Jeejamol P.M.	MA, B.Ed., UGC NET Qualified	Asst. Prof	Quantitative Economics	8 years + 1 month	-
Smt. Ashly Thomas	MA, B.Ed., UGC NET Qualified	Asst. Prof	Economics	2 year and 6 months	-
Sri. Vijeesh Vijayan	MA, UGC NET Qualified	Asst. Prof	Labour Economics	2 year and 6 months	-
Sri. Raju John	MA, UGC NET Qualified	Asst. Prof	Developme nt Economics	6 months	-
Smt. Jeena Joseph	MA, B.Ed	Guest Lect.	Micro Economics	2 years	
Kum. Ancy Anthrayose	MA	Guest Lect.	Micro Economics	1 year	

- 11) List of senior visiting faculty: **Rev. Fr. K.V. Paulose, Prof. P.C. Alias, Dr. V. Mathew Kurian, Prof. Sivasankaran Pillai, Prof. P.J. Mathew, Dr.M.P Abraham, Dr.K.P Mani, Prof. Omana Mathew, Prof. C. V. Scariakutty**
- 12) Percentage of lectures delivered and practicals handled by temporary faculty: **16%**
- 13) Student – Teacher Ratio (programme wise): **25.57:1**
- 14) Number of academic support staff (technical) and administrative staff; sanctioned and filled: **1**
- 15) Qualifications of teaching faculty with DSc / D.Litt / Ph.D / **M.Phil - 1 / PG-5.**
- 16) Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **1**
Ashly Thomas- Minor Research Project- UGC Sponsored- Rs. 1,20,000/-
- 17) Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
- 18) Research Centre/ facility recognized by the University: **NIL**

19) Publications:

- * Publication per faculty
- * Number of papers published in peer reviewed journals (national/international) by faculty and students.

Name of the faculty	2011-2012
Sri. Shaju M. J.	1
Smt. Jeejamol P.M.	1
Smt. Ashly Thomas	1
Sri. Vijeesh Vijayan	1
Sri. Raju John	3

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **NIL**
- * Monographs: **NIL**
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers: **NIL**
- * Citation Index: **NIL**
- * SNIP
- * SJR
- * Impact factor
- * h-index

20) Areas of consultancy and income generated. **NIL**

21) Faculty as members in

National committees b) International Committees c) Editorial Boards. **NIL**

22) Student projects

- a.) Percentage of students who have done in-house projects including inter departmental/ programme **100%**
- b.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **9% [PG students]**.

23) Awards / Recognitions received by faculty and students:

- **Linda George - 1st rank in MA Economics, Shiney Thomas - 3rd rank in MA Economics**
- **Jojo Thomas (M2 Eco)- Debate, Inter-collegiate [2nd Prize], Quiz, Inter-collegiate [2nd Prize] Debate,**
- **Titty Raju (M2 Eco) – Essay competition, Inter-collegiate [IInd Prize] Debate, Baselius college [2nd Prize]**
- **Tittu Raju (M2 Eco) - Essay competition, Inter-collegiate [1st Prize]**
- **Vishal P.S (M2 Eco) - Quiz, Inter-collegiate [2nd Prize],**
- **Rahul Raghunath (D3 Eco) – Cartoon competition, Inter- collegiate (first Prize), Poster Designing- A Grade- [Universirty Arts festival), (second prize)**
- **Sharon Abraham (D1 Eco) –Management Fest, Inter-collegiate (First prize),**
- **Kuriakose Mathew (D2 Eco) – Skeepie chase, Inter- University (2rd prize), University Cross country**
- **Mebin Sebastian(D1 Eco) – Inter- collegiate Kabady competition [Ist Runner up]**
- **Vishnu Praad (D1 Eco) - Inter- collegiate Kabady competition [IInd Runner up]**
- **Arun R.Krishnan (D1 Eco)- Participated in Republic parade (1st prize).**

24) List of eminent academicians and scientists / visitors to the department:

- **Prof. P.C. Alias**
- **Dr. V. Mathew Kurian**
- **Dr. George Mathew**
- **Sri. Thiruvanchoor Radhakrishnan MLA**
- **Dr. B.A. Prakash,**
- **Dr. Ramachandran,**
- **Dr. Francis Cherunilam,**
- **Dr. P.J. Philip,**
- **Dr. P.M. Thomas,**
- **Dr. Martin Patrick,**
- **Dr. R.V. Jose.**
- **Sri. Thiruvanchoor Radhakrishnan Hon'ble Home Minister**
- **Smt. Sheela Thomas I A S**
- **Smt. Mini Antony IAS**
- **Dr. Rajan Varghese Pro Vice Chancellor**

- **Dr. N. Ahammedpillai, Commissioner for Differently Disabled People**
- **Sri. Arun Jacob, Formerly Financial advisor to President, Tanzania**
- **Dr. Mathew Koshy Punnakkadan, Former Principal Bishop Moore College Mavelikkara**
- **Dr. Johns K. Lukose, Director Life Skills Counselling Centre Kollam**
- **Sri. Sunil K, Manager Geogit Financial Services limited**
- **Sri Lal Varghese, International Trainer MRF**
- **T. S. Jaiker, P.S.C. Trainer**
- **Sri Thomas K U, Regional Head Federal Bank**
- **V.V Mathew, Coordinator District Literacy Mission**
- **R. K Sheela, Head Social Justice Department**
- **Dr. Jain Jose Thomas, Assistant Professor of Economics, IIT, Delhi**

25) Seminars / Conferences / Workshops organized & the source of funding:
National International

One day seminar on FDI in Retail sector was organized on 7th November 2012

One day Seminar on Union Budget 2013 was organized on 6th March 2013.

26) Student profile programme/course wise:

Year	Name of the Course/ programme	Applicati ons received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-2008	BA Economics	720	57	35	22	100.00
	MA Economics	91	11	1	10	30.77
2008-2009	BA Economics	807	50	24	26	85.00
	MA Economics	78	8	0	8	63.64
2009-2010	BA Economics	880	53	20	33	82.35
	MA Economics	127	16	4	12	12.50
2010-2011	BA Economics	901	54	27	27	81.40
	MA Economics	CAP	15	2	13	35.71
2011-2012	BA Economics	CAP	50	32	18	80.39
	MA Economics	CAP	17	6	11	50
2012-2013	BA Economics	CAP	56	32	24	68.09
	MA Economics	CAP	20	4	16	-

*M-male,*F-female

27) Diversity of Students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
BA Economics	100%	0	0
MA Economics	90	1	0

28) How many students have cleared NET, SLET and GATE? **NET – 5**

- **Harikrishnan M**
- **Linda George**
- **Divya N M**
- **Joseph Kuruvilla**
- **Nibu Varghese**
- **Remy Mohan**

29) Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG			38		50	More than 50
PG to M. Phil			NIL		NIL	
PG to Ph. D			NIL		10	3
Ph. D to Post – Doctoral			NIL		NIL	
Employed						
▪ Campus selection			NIL		NIL	2
▪ Other than campus recruitment			25		30	3
Entrepreneurship/ Self-employed						

30) Details of Infrastructural facilities

- a.) Library: **2186 books, 2 Journals, 2 Periodicals**
- b.) Internet facility for Staff & Students. - Available
- c.) Class rooms with ICT facility. –Limited availability
- d.) Laboratories.

-
- 31) Number of students receiving financial assistance from college, university, government or other agencies:
- 2.) **Manorama Balagena Sakhyam Merit Scholarship.**
 - 3.) **KPSR Fee concession/grant for financially backward students.**
 - 4.) **Lump sum grant for SC/ST & OBC students.**
- 32) Details on student enrichment programme (special lectures/ workshops / seminar) with external experts.
- Green Eco Economics – Dr. Mathew, Koshy Retd. Principal Bishop Moor College Mavelikkara
 - Orientation Programme for Second and third years: Strategies for Effective Living : Dr. Johns K Lukose Director Life skills Counseling Centre Kollam
 - Seminar on Capital Market : Mr. Sunil K Geojit Manager
 - Lecture on Economics in Crisis : Sri Arun Jacob Former Financial Advisor, President of Tanzania
 - Workshop on Winning Edge : Lal Varghese International trainer MRF
 - Seminar On FDI in Retail Sector: Dr. V Mathew Kurien Joint Director K N Raj Study Centre MG University
 - Seminar on Research Methodology for Economics : Dr. P M Thomas, Principal Bishop Speechly College Pallom
 - Class on Recent Developments in Demand Theory : Vineeth M Research Scholar Pondicherry University
 - Career Guidance Programme : Rajagiri College of Management Studies
 - **Seminar on Union Budget 2013 : Shyam Lal Research Scholar CDS**
 - **Seminar on Personality Development**
 - **Commune - the Economics family get-together 2nd January 2010**
 - **Noopuram the Dance Fest 2nd January 2010**
 - **Symphony the Music fest 2nd January 2010**

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- **Orientation Programme 1st year BA students**
 - **Orientation Programme 1st semester MA students**
 - **Seminar on ‘New Trends in Macro Economics’ on 07/06/2010 - Vinneeth M (Research scholar, Pondicherry University)**
 - **An orientation programme for D2 and D3 students on 09/06/2011 - Prof. P.C. Alias (Former Principal, Baselius College)**
 - **Lecture on ‘Environmental Economics’ on 26/06/2011 - Dr. Murali Vallabhan (Head, SVR NSS College, Vazhoor)**
 - **Counselling class named “You can help” on 22/08/2011 - Dr. Sreekumar**
 - **An orientation programme for 1st semester BA students on 29/07/2011-**
 - **Two day National Seminar (UGC Sponsored) on European Economic Crises and Its Implications for India on 04/08/2011 to 05/08/2011**
 - **Seminar on Research Methodology for Economics on 12/09/2011 & 23/09/2011 - Dr. V.Mathew Kurian**
 - **Seminar on Ardhasasthra and Indian Economic System on 29/09/2011 - Dr.Viswanathan Nampoothiri**
 - **Seminar on Value Education on 10/10/2011 - Prof. Mary Mathew (former head, Dept. of Malayalm)**
 - **Inter-department Essay writing competition on 19/08/2011 E-waste and Environmental Pollution**
 - **Inter university Quiz competition on 07/12/2011**
 - **A meeting was conducted to honour the rank holders of MA Degree Economics Examination April 2011 on 12/12/2011 - Dr. Thomas John Mampara (controller of examinations) was the chief guest.**
 - **Commune 2012-Symphony (Music Fest) and Nopuram (Dance Fest) on 28/1/12.**
 - **Charity club of the department associates with Santhi Bhavan an old age home on 28/9/11. The staff and students of the department spent a day with the inmates of Santhi Bhavan.**
 - **Publication of manuscripts by 1st, 2nd and final year degree students on 28/1/12**
 - **Orientation programme for MI on 13/2/12**

-
- **Group discussion on Foreign Direct Investment in India a blessing or curse 14/02/2012**
 - **Workshop on ‘Economics‘- a rapid growing industry on 16/02/2012 - Sunil. D. Kuruvilla**
 - **Seminar on Emerging Trends on Banking Sector on 23/2/12 - John Thomas (Manager, SBI Kottayam)**
 - **Survey on status of Health in Kosamattom Colony in Vijayapuram panchayat. The report was submitted to Mr. Appukkuttan Nair (panchayat member) on 1/2/12**
 - **In-house journal by PG students named ‘Ebullio’ published on 1/3/12**
- 33) **Teaching methods adopted to improve student learning:**
- **Lectures with LCD presentations**
 - **Debate**
 - **Group Discussions**
 - **Quiz**
 - **Seminar**
 - **E-Learning**
 - **Assignment**
 - **Seminar**
 - **Co-operative learning**
 - **Field Study**
 - **Remedial Coaching**
 - **Project Work**
 - **Problem based learning**
 - **Peer-teaching.**
- 34) **Participation in Institutional Social Responsibility (ISR) and Extension activities:**
- **Arranged an awareness class on waste management and composting at Koshamattom Colony in collaboration with Vijayapuram Panchaythu :Students cleaned the colony and installed composting plant in the second ward**
 - **Palliative Care Club (Snehasparsham) was launched; Student members of this club visit persons suffering from disability and incurable diseases in their homes**
 - **Physical and Financial assistance to orphanages like Santhi bhavan**
 - **Participation of students in NCC**

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- **Participation of students in NSS**
 - **Conducted a survey on Kosamattom colony and submitted its report to the panchayat member**
- 35) SWOC analysis of the department and Future plans:
The department proposes to conduct a lot of programmes in the coming years which include:
1. **Development Prospects for Kerala; the vision of leading political parties.**
 2. **Career Guidance class for Final year students.**
 3. **Seminars in collaboration with outside agencies.**
 4. **Publication of Economics Alumni Directory.**
 5. **Prof. C. I. Ittoop Memorial Chair.**
 6. **Coaching for competitive examination, PSC, UPSC...**
 7. **Computerized library.**
 8. **NET coaching.**
 9. **Publication of a Journal at National Level.**
 10. **Debate club and Quiz club.**
 11. **Conduct an economics exhibition.**
 12. **Add on course in capital markets.**
 13. **Career placement cell.**
 14. **Conduct an economics fest.**
 15. **National and International Seminars.**
 16. **One day workshop for teachers in economics.**
 17. **Cartoon competition related to Economics.**
 18. **Short film based on Economics.**
 19. **Charitable programme: Adoption of an orphan.**
 20. **Environmental study forum.**
 21. **Smart class room.**
 22. **Orientation programme in Economics for school students.**
 23. **Major and Minor projects by the faculty members.**
 24. **To organize a National seminar.**
 25. **To launch an Add-on Course on Statistical Packages and Data Analysis.**
 26. **To implement orientation programmes for Competitive Examinations.**
 27. **To conduct training programmes for UGC-NET aspirants.**

DEPARTMENT OF COMMERCE

1. Name of the Department : **Commerce**
2. Year of Establishment : **1964**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.Com (with Finance & Taxation), M.Com (Finance Stream), Add-on:- Travel and Tourism**
4. Names of Interdisciplinary courses and the departments/ units involved: **Open courses for Degree 5th semester students are inter disciplinary.**
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester and Choice based credit system.**
6. Participation of the department in the courses offered by other departments:
Students of 5th semester B.Com compulsorily take one course offered by other departments.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NA**
8. Details of courses/programmes discontinued (if any) with reasons: **NA**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	3	3	1
Asst. Professors	6	6	NIL

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience
Dr. P.M. James	M.Com, M.Phil, PhD	Asso. Prof & HOD	Finance	31 years
Smt. Elsie Elizabeth K.	M.Com	Asso. Prof.	Finance	30 years
Sri. Motty Thomas	M.Com	Asso. Prof	Finance	29 years
Sri. Manoj Narayanan K.S.	M.Com, MA, UGC NET	Asst. Prof	Finance & Business Economics	15 years

Smt. Tissy Eruthickal	M.Com, M.Ed., UGC NET	Asst. Prof	Finance	4 years
Smt. Parvathy Mohan	M.Com, ICWAI (Inter), UGC NET	Asst. Prof	Finance	1 year
Smt. Ann Naisy Jacob	M.Com, B.Ed., UGC NET	Asst. Prof	Finance	2 years
Sri. Vipin K Varghese	M.Com, UGC NET	Asst. Prof	Finance	2 years
Smt. Sheeba Joseph	M.Com, UGC NET	Asst. Prof	Finance	15 years

11. List of senior visiting faculty : **NA**
12. Percentage of lectures delivered and practicals handled by temporary faculty: **45%**
13. Student – Teacher Ratio (programme wise): **UG – 42.75:1, PG – 7:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **NIL**
15. Qualifications of teaching faculty with D.Sc / D.Litt / **Ph.D-1 / M.Phil -1 / PG-7.**
16. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **Dr. P. M. James - UGC Minor Project (Rs. 90,000/-)**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
18. Research Centre/ facility recognized by the University: **NA**
19. Publications:
 - * Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.

Name of the faculty	09-10	10-11	11-12
Prof. Manoj Narayayanan K.S.		2	3
Dr. P.M. James	1	2	3
Dr. Nalini J	1		

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **NIL**

- * Monographs: **NIL**
 - * Chapter in Books: **Dr. P.M.James - 1 (2009-10)**
 - * Books Edited: **Prof.Manoj Narayanan K.S. - 1**
 - * Books with ISBN/ISSN numbers with details of publishers:
Dr. P. M. James & Prof. Manoj Narayanan K.S.
 - **Entrepreneurship Development & Project Management (2010-11)**
 - **Principles of Business Decisions- Kalyani (2011-2012)**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated: **Area of consultancy is Taxation - However, No income generated**
21. Faculty as members in
 National committees b) International Committees c) Editorial Boards:
Dr. P.M. James (Editorial Board - Research Lines)
22. Student projects
- a.) Percentage of students who have done in-house projects including inter departmental/ programme: **UG - 100%, PG - 100%, 10% release a CD.**
 - b.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **NIL**
23. Awards / Recognitions received by faculty and students:

2007-08	The year 2007-08 provided a platform for the master brains of the department for exhibiting their outstanding talents by tackling the challenges set before them. They bagged prizes worth more than Rs.15000/- in the various collegiate competitions held in different colleges. The students also won Champions Trophy at K.G.College, Pampady.
2008-09	The students of the Association performed excellently in Inter Collegiate Competitions hosted by different colleges. 12 students won prizes. Apart from certificates, cash award worth around Rs. 13,750/- were won. Our students also won Champions Trophy and Runner Up Trophy at various fests. Championships were won at K.G.College, Pampady. Runner up trophy was lifted at St.Gits College.

2009-10	The students of the Association performed excellently in Inter collegiate competitions hosted by different colleges. 20 students won prizes. Apart from certificates, cash award worth around Rs.15000/- were won.
2010-11	The students of the Association performed excellently in Inter collegiate competitions hosted by different colleges. 15 students won prizes. Apart from certificates, cash award worth around Rs.16000/- were won. Students of Baselius College also won Runner up trophy at K.G College (Colloquy) and K.G. College (Zephyr), Pampady.
2011-12	The students of the Association performed excellently in Inter collegiate competitions hosted by different colleges.32 students won prizes. Apart from certificates, cash award worth around Rs.48,000/- were won. Our students also won Champions Trophy and Runner Up Trophy at various fests. Championships were won at Ettumanoorappan College and also the Fests conducted by English Dept. of Baselius college. Runner up trophy was lifted at St.Gits College and K.G.college. The most important achievement is that of Jobin Joseph of B.Com 2nd year who became the 'Potential Manager' in the competition held by DCSMAT College, defeating more than 30 participants from various colleges in South India. The competition lasted for 2 days with more than 15 rounds. Moreover 4 students of Commerce department won prizes at Mahatma Gandhi University Youth Festival and that too with 'A' grade. Students of Commerce department won 'Kalathilakam' & 'Kalaprathibha' awards at College level Arts festival. Reshma Raju of B.Com final year won the 'Best outgoing student' of the college.
2012-13	<p>Devidas B (D1 Com) – 3rd prize with A grade for 3 events- Light Music, Classical Music and Clay Modelling- and also 1st Prize for Group Song at M G university Youthfestival 2013.</p> <p>Anju Ajith (D2 Com)- 2nd prize with ‘A’ Grade in the M G University Youth Festival for Kavithaparanam and ‘A’ grade for Kathaprasangam</p> <p>Jishnu .N (D2 Com) - 1st prize with ‘A’ Grade in the M G University Youth Festival for Short Story Writing (Malayalam).</p> <p>Janet Rose George (D3 com) – 1st prize in the M G University Youth Festival for Group Song.</p> <p>Teena Elizabeth Jacob (D3 Com) - ‘ – 1st prize in the M G University Youth Festival for Group Song.</p> <p>Sreejith K S (D1 Com) - – 1st prize in the M G University Youth Festival for Group Song.</p> <p>Jaison C John (D2 Commerce) – 2nd Prize with A Grade in the M G</p>

	<p>University Youth Festival for Stringed Instrument Western.</p> <p>Finny Kurian (D3 Com)- ‘A; grade for Photography in the M G University Youth Festival</p> <p>Jithin Jacob Punnoose (D1 Com) Winner- Zonal Level at M G University Badminton Championship</p> <p>Sebin Sunny (D1 Com) – Second- Inter Collegiate Kabbadi</p> <p>Akhil Raj(D2 Com) – Second- Inter Collegiate Kabbadi</p> <p>Josin Thomas- Won a gold medal and a bronze medal in the University Cycling Championship</p> <p>Dony Thomas(D2 Com) - Won gold medal in 96 Kg. category in the State Wrestling Championship</p> <p>Devidas B (M1 Com) - Kalaprabhitha of College Arts Festival</p> <p>Anju Ajith (D1 Com)– Kalathilakam of College Arts Festival</p> <p>The students of the Association performed excellently in Inter Collegiate Competitions hosted by different colleges. 25 students won prizes. Apart from certificates, cash award worth around Rs 86,150/- were won. Our students also won Champions Trophy and Runner up Trophy at various fests. Championships were won at SB College, Changanacherry, Govt Brennen College, Thalasserry. Runner up trophy was lifted at St Gits College, Pathamuttam. The creditable achievements are of Jobin Joseph of D3 Commerec who won many ‘Best Manager’ titles including one at <i>Index 2013</i>, the competition conducted by KSIDC and also Linu T R who won 13 prizes in different Quiz competition, a rare and commendable fete.</p>
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24. List of eminent academicians and scientists / visitors to the department:

1. **Sri. Jagadeesh Babu - Asst. Commissioner, Sales Tax**
2. **C.A. Prasanth Srinivas, Prominent Chartered Accountant**
3. **Dr. V. Mathew Kurian - Former Principal, MD College, Pazhanji**
4. **Anantha Krishna Pillai - Asst. General Manager, SBT, Kottayam**
5. **Sri. Jenu Devan IAS**
6. **Sri K T Chacko, Former IAS Officer**
7. **C A Prasanth Srinivas, Prominent Chartered Accountant**
8. **Dr N Jayaraj MLA**
9. **Adv Mons Joseph MLA**
10. **Adv K Suresh Kurup MLA**
11. **Dr P N Harikumar**

12. Mngr Jacob Velliyan

13. Sri George KARunackal

14. Sri Akhil Jayachand

15. Sri Humble Shine

25. Seminars / Conferences / Workshops organized & the source of funding:

- a.) National
- b.) International

Prof. M.C. Jacob Memorial Lecture on 19th December 2011 - Own fund

26. Student profile programme/course wise:

Year	Name of the Course / programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-08	B.Com	1260	52	29	23	74.47
	M.Com	112	17	5	12	75.00
2008-09	B.Com	1295	61	44	17	70.00
	M.Com	117	15	5	10	92.86
2009-10	B.Com	1240	56	22	34	69.09
	M.Com	117	16	8	8	93.33
2010-11	B.Com	1349	60	37	23	71.19
	M.Com	120	19	16	3	76.47
2011-12	B.Com	CAP	60	30	30	98.11
	M.Com	CAP	18	5	13	100
2012-13	B.Com	CAP	60	27	33	98.08
	M.Com	CAP	19	5	14	

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08	B.Com M.Com	100%	NIL	NIL
2008-09	B.Com M.Com	100%	NIL	NIL
2009-10	B.Com M.Com	100%	NIL	NIL
2010-11	B.Com M.Com	100%	NIL	NIL
2011-12	B.Com M.Com	100%	NIL	NIL
2012-13	B.Com M.Com	100%	NIL	NIL

28. How many students have cleared NET, SLET and GATE?

NET – 8 in 2012-13

29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	More than 60	More than 60	More than 60	More than 60	More than 60	More than 60
PG to M. Phil	-	-	-	-	-	
PG to Ph. D	-	-	-	-	-	
Ph. D to Post – Doctoral						
Employed ▪ Campus selection	2	2	2	2	2	B Com 4(<i>Sneha, Riby , Richu , Raisa-South Indian Bank- Campus Placement</i>) 5 (<i>Ajith Sabu, Amal, Sandeep, Shibin, Akhil</i>)
▪ Other than campus recruitment						M Com Batch 4 – (<i>Ann, Ansu, Ashamol, Sandeep</i>) <i>Other than Campus Recruitment.</i>
Entrepreneurship / Self-employed	NIL	NIL	NIL	NIL	NIL	

30. Details of Infrastructural facilities

- a.) Library: **Available with 1902 books and 15 Journals**
- b.) Internet facility for Staff & Students: **Available**
- c.) Class rooms with ICT facility: **Limited availability**
- d.) Laboratories: **NIL**

31. Number of students receiving financial assistance from College, university, government or other agencies:

1. **Students from SC/ST/SEBC and economically backward from forward communities get financial assistance from Government.**

2. Besides, poor students are provided with various forms of financial assistances and scholarships from college.

32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2007-08	The major programme of the year was Commerce Kaleidoscope the Inter Collegiate Commerce Fest hosted by the Association. Competitions were held in five different management and cultural events in which 150 students from different colleges participated. K.G. College became the overall Champions.
2008-09	<p>The major programme of the year was Commerce Kaleidoscope the Inter Collegiate Commerce Fest hosted by the Association. St. Gits College became the overall Champions and K.G.College the Runner Up.</p> <p>Following Talks/ Seminars / Lectures were organised as a part of student enrichment</p> <ol style="list-style-type: none"> 1. MBA entrance - Mr. Ramachandran - 13th June 2008 2. Essay competition for UG & PG sections in connection with World Population Day - 11th July 2008 3. Career trends and global opportunities - Mr. Joy Stephen - 11th Aug 2008 4. Self esteem and self confidence - Mr. Abraham Stephen - 14th Aug 2008, 14th Oct 2008 5. PG students attended National Seminar on Research Methods & Statistical Application in Commerce & Management conducted by PG Dept. of commerce, Henry Baker College - 19th Aug 2008 6. How to stay motivated & Creative thinking - Mr. Abraham Stephen - 22nd Aug 2008 7. Indian Capital Market - George Jacob, M.M. Peter, Chithra L Menon, A. Aravindan - 25th Aug 2008 8. Commerce Kaleidoscope, Intercollegiate Commerce Fest - 8th Nov 2008 9. Seminar on Qualities of an Accountant - K.R. Padmakumar - 17th Dec 2008

2009-10	<p>Following Talks / Seminars / Lectures were organised as a part of student enrichment</p> <ol style="list-style-type: none"> 1. Company Secretaryship - An introduction - Mr. Sreejith P. - 22nd Oct 2009 2. MBA in Singapore - Manju Wilson - 22nd Jan 2010 3. How to approach CAT and MAT exams - Sri. Alexander Thomas - 10th June 2011
2010-11	<p>Following Talks / Seminars / Lectures were organised as a part of student enrichment</p> <ol style="list-style-type: none"> 1. ICFAI university programs - Renjith I. - 15th July 2010 2. Career prospects for commerce students - Sri. Radhakrishnan - 6th Oct 2010 3. Employment opportunities in the field of Insurance - Mr. Santhosh - 24th Nov 2010 4. Career opportunities in accountancy - Mr. Thomas Mathew - 29th Nov 2010 5. Career guidance classes about CAT, MAT, CPT, CLAT - Ms. Reenu and Ms. Raji - 12th Dec 2010
2011-12	<p>The major programme of the year was Commerce Kaleidoscope the Inter Collegiate Commerce Fest hosted by the Association. Competitions were held in five different management and cultural events where in students from 9 different colleges participated. St. Gits College became the overall Champions and K.G.College Runner Up.</p> <p>Following Talks / Seminars / Lectures were organised as a part of student enrichment</p> <ol style="list-style-type: none"> 1. How to approach CAT and MAT exams - Sri. Alexander Thomas - 10th June 2011 2. Career in MBA - Anitha Joseph - 5th July 2011 3. Opportunities in Banking Sector - Ms. Reenu Zachariah - 11th July 2011 4. Global Economic Meltdown - Dr. Mathew Kurian - 7th Oct 2011 5. Information Technology Act - Manju E George - 17th Oct 2011 6. Company Secretaryship - An introduction - Dr. Kurian Joseph - 8th Dec 2011

	<p>7. Training in Effective Communication - Anitha Joseph & Jaidev P. - 13th Dec 2011</p> <p>8. Effective Communication & Interview Skills - Miss. Jwala, Mr. Amith & Miss. Saritha - 20th Dec 2011</p> <p>9. Practical Accounting - Sri. Somanathan Pillai - 16th Jan 2012</p> <p>10. Management Accounting, Financial Accounting & Logistics - Sri. Daniel John - 3rd Feb 2012</p> <p>11. Corporate Employability - Shijin & Ashok Alex - 16th Feb 2012</p> <p>12. Career in Certified Management Accounting - Sri. Vinodkumar - 16th Feb 2012</p> <p>13. Management Accounting & CIMA - Fenil V. S. - 27th Feb 2012</p>
<p>2012-13</p>	<p>The major programme of the year was Commerce Kaleidoscope the Inter Collegiate Commerce Fest hosted by the Association. Competitions were held in six different management and cultural events where in students from 23 different colleges participated. K G College became the overall Champions and St Gits College the Runner Up.</p> <p>Following Talks/ seminars/Lectures were organized as a part of student enrichment:</p> <ol style="list-style-type: none"> 1. Prof. M. C. Jacob memorial lecture – Sri. K.T. Chacko- 6th December 2012. 2. Multivariate Data Analysis- Dr. P.N. Harikumar. 3. Tally- Accounting package – Mr. Rajesh Nair. 4. Tally- A navigation in to the accounting package- Sri. Anish Bhaskaran. 5. Mission Possible- Sri. S.T. Nambi. 6. Leadership Skills- Sri. Sumesh V.K. 7. Entry in to Banking services- Mrs. Reenu Zachariah. 8. Career in Insurance sector- Mr. Saji V.K. 9. CAT- MAT- CMAT- Career launcher. 10. Introduction to CMA- Sri. Mathew K. Varghese. 11. Orientation for CA/CWAI/CS- Prof. Manisha Lopez. 12. Value education – Prof. K.J.John & Prof.M.C.Joseph. 13. Budget Discussion- C.A. Prasanth Srinivas. 14. Motivation class for D1 students- Smt. Geetha P.O

33. Teaching methods adopted to improve student learning:

1. Lectures with LCD presentation
2. Viva
3. Internal Examinations
4. Seminar
5. Mentoring by PG students

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

2009-10	Bank Account opening and Visa Cards to students for promotion of banking habits - also popularizing net banking.
2010-11	Visit to NAVAJEEVAN Trust (five boxes of collected cloths and sack of rice were donated)
2011-12	<p>1. Charity Box System in class rooms - (Amount handed over to orphanages and old age homes)</p> <p>2. Bank Account opening and Visa Cards to students for promotion of banking habits - also popularizing net banking</p> <p><u>Other activities</u></p> <p>The department has been selected by the Institute of Company Secretaries of India as its examination centre from December 2011 (centre with more than 300 students). Dr. P.M. James acts as the Chief Superintendent and Sri. Manoj Narayanan K.S., Assistant Superintendent.</p>

35. SWOC analysis of the department and Future plans:

- a. Setting up of Computer Lab and starting Computer Certificate Programmes.
- b. Career oriented Training for entry into service like banking, insurance etc.
- c. Launching of BBA programme.

DEPARTMENT OF B.COM MODEL III (OM & SP)

1. Name of the Department : **B.Com Model III (OM & SP)**
2. Year of Establishment : **1996**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.Com (Office Management & Secretarial Practice)**
4. Names of Interdisciplinary courses and the departments/ units involved: **NIL**
5. Annual / Semester / Choice based credit system (programme wise): **Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Lecturers	6	6	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D
Dr. Joy Markose	M.Com, MA (Eco), PhD	HOD	Finance Economics	34 years	-
Sri. Mathew Chacko	M.Com, KGTE	Lecturer	Finance	16 years	-
Smt. Manju R.	M.Com, B.Ed.	Lecturer	Finance	14 years	-
Sri. Pratheesh C	M.Com, PGDCA	Lecturer	Finance	2 years	-
Sri. Ramakrishnan T. U.	M.Com PGDPM	Lecturer	Finance	5 years	-
Smt. Priya S.	MCom BEd	Lecturer	Finance	4years	-

-
11. List of senior visiting faculty
 12. Percentage of lectures delivered and practicals handled by temporary faculty:
 13. Student – Teacher Ratio (programme wise): **20:1**
 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.
 15. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D-1** / M.Phil / **PG-5**.
 16. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **NIL**
 17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
 18. Research Centre/ facility recognized by the University: **NIL**
 19. Publications:
 - * Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **NIL**
 - * Monographs: **NIL**
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers: **NIL**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
 20. Areas of consultancy and income generated.
 21. Faculty as members in
 - National committees b) International Committees c) Editorial Boards.
 22. Student projects
 - a.) 50 Percentage of students who have done in-house projects including inter departmental/ programme

- b.) 50 Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies
23. Awards / Recognitions received by faculty and students: Since this course is present here only ,the toppers the Rank holders.
24. List of eminent academicians and scientists / visitors to the department: **NIL**
25. Seminars / Conferences / Workshops organized & the source of funding:
- a.) National **NIL**
- b.) International **NIL**
26. Student profile programme/course wise:

Year	Name of the Course/ Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-08	Voc. B.Com	125	41	23	18	81.25
2008-09		134	37	2	15	87.88
2009-10		134	37	24	13	91.89
2010-11		134 + CAP	39	22	17	84.21
2011-12		52 + CAP	36	24	12	97.22
2012-13		90+CAP	37	24	13	100

*M-male,*F-female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
B.Com Model III	100%	NIL	NIL

28. How many students have cleared NET, SLET and GATE? **NIL**
29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	59%	57%	55%	58%	60%	54%
PG to M. Phil						
PG to Ph. D						
Ph. D to Post –Doctoral						
Employed						
▪ Campus selection						5%
▪ Other than campus recruitment	-	-	-	-	-	16%
Entrepreneurship/ Self-employed						Nil

30. Details of Infrastructural facilities
 - b.) Library: **1338 books**
 - c.) Internet facility for Staff & Students: **Available to all**
 - d.) Class rooms with ICT facility: **NIL**
 - e.) Laboratories: **Computer Lab (23 Computers), + 2 Electronic Type writing Lab (20 nos) with Wi-Fi Facility**
31. Number of students receiving financial assistance from College, university, government or other agencies: **NA**
32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts. **Seminars**
33. Teaching methods adopted to improve student learning: **On the job training/ project work**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
 1. Charity to NAVAJEEVAN TRUST
 2. Poverty Allegation Programme–IAY conducted by Ettumannorr Block Panchayat.
35. SWOC analysis of the department and Future plans:
 1. **Smart class rooms, LCD Projector**
 2. **Seminar hall with Video conferencing facility**

DEPARTMENT OF MALAYALAM

1. Name of the Department : **Malayalam**
2. Year of Establishment : **1982**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **BA Malayalam**
4. Names of Interdisciplinary courses and the departments/ units involved: **NIL**
5. Annual / Semester / Choice based credit system (programme wise): **Semester, Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **Open Course**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	2	2	2
Asst. Professors	2	1	NIL
Guest Lectures	-	2	NIL

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D
Dr. Sherly Kurian	MA, PhD	Asso. Prof & HOD	Poetry	24 years	-
Dr. Shyla Abraham	MA, BEd, M.Phil, PhD	Asso. Prof	Fiction	20 years	-

Sri. Thomas Kuruvila	MA, UGC NET	Asst. Prof	Novel	7 years as Guest Lecturer 1.5 years as Permanent Staff	-
Sri. Girish Kumar S.	MA, M.Phil, NET	Guest Lecturer	Literary Criticism Folk arts	Guest Lecturer for 4 years	
Smt. Jisha Thomas	MA, M.Phil	Guest Lecturer	Novel	Guest Lecturer for 3 years	

11. List of senior visiting faculty:

2009-2010	Dr. Priyadarsan(G,Malayala Manorama), Dr.Radakrishnan P.S.(School of Letters), Prof.C.N.Purushothaman Nampoothiri, Swami Adhyatmananda, Peruvanam Kuttan Marar, Thiruvizha Jayasanker, Prof.Ettumanoor Somadasan, Sri.Balasanker Mannathu, Padmasree P.K. Narayanan Nambiar, Dr.C.K. Jayanthi, Prof.Ambalapuzha Ramavarma.
2010-2011	Prof.Babu Thomas, Dr.Kurias Kumblakuzhy, Dr.Jalaja Bhaskar, Dr.P.S.RadhaKrishnan, Dr.Shaji Jacob, Dr.E.J.Francis, Sri. K.K.Gopalakrishnan, Prof.P.Narayanakurup, Sri T.Sasikumar, Justice K.T.Thomas, Prof.T.T.Kuriakose, Prof.A.I.Mary, Kalamandalam Gopi, Pathiyoor Sankarankutty, Kalanilayam Rajeevan, Kuroor Vasudevan Nampoothiri
2011-2012	Sri.Paul Manalil, Cheruvalli Narayanan Nampoothiri, Prof. P.C.Elias, Rev.Fr.Tampi Vargheese, Dr.P.S.Radakrishnan, Swami Adyatmananda, Kottayam Thankappan, H.G.Dr.Yakkoob Mar Irenius, Smt. Usha Nangiar, Dr. Jose K Manual.
2012-13	Prof.Mathew Pral, Prof.P.C.Elias, Dr.Babu Cherian, Prof.Narayana Panicker, Prof.Mathew Ulakamthara, Dr.P.S.Radhakrishnan, Sri.Thiruvanchoor Radhakrishnan, Dr.Philipose Mar Chrisostum Marthoma Metropolita, Prof. Muraleedharan Maloor, Vennimala Unnikrishnan, Rev.Fr.P.V.John, Sri Murali Krishnan, Sri Mathoor Govindan Kutty, Sri Joshy Mathew, Dr.C.K.Jayanthi, K.S.Satyamoorthi, Dr.Harikumar, Dr.Scaria Zachariah, Dr.Kurias Kumblakuzhy

12. Percentage of lectures delivered and practicals handled by temporary faculty: **40%**13. Student – Teacher Ratio (programme wise): **25:1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **NIL**
15. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D – 2 / M.Phil – 2 / PG-2.**
16. Number of faculty with ongoing projects from (a)National - **2** (b)International funding agencies: **NIL** and grants received: **(With the help of UGC), Rs.2 Lakhs (2 completed)**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
18. Research Centre/ facility recognized by the University: **NIL**
19. Publications:
- * Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.

Name of the faculty	07-08	08-09	09-10	10-11	11-12	12-13
Dr. Sherly Kurian		1	1	1		
Dr. Shyla Abraham		1				
Dr. A.M. Unnikrishnan	1	1				
Dr. V.A. Philip		1				
Prof. Thomas Kuruvilla		1		1	1	

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **2**
 - * Monographs: **NIL**
 - * Chapter in Books
 - * Books Edited One Dr. V.A Philip / Three by Thomas Kuruvilla
 - * Books with ISBN/ISSN numbers with details of publishers: **NIL**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated. **NIL**

21. Faculty as members in
National committees b) International Committees c) Editorial Boards: **3**
22. Student projects
- a.) Percentage of students who have done in-house projects including inter departmental/ programme **NIL**
- b.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **NIL**
23. Awards / Recognitions received by faculty and students:
2007-08 1 - Dr. A.M.Unnikrishnan Best thesis award Dr. Samuel Chandanappalli award.
2008-09 1 - Dr. A. M Unnikrishnan Durga Detta Award
2009-10 1 - Dr. A. M Unnikrishnan Sivaprasad Award
Best College Teacher award
24. List of eminent academicians and scientists / visitors to the department:

2007-08	His Grace Paulose Mar. Milithiose, Catholicose Designate, Dr. M. K. Ramachandran Nair, Prof. Jacob Mathew, Prof. K. N. Muraleedharan, Swami Padmanabhan, Dr. Cheravalli Sasi, Dr. Babu Cherian.
2008-09	Adv. Kumarakom Sankunni Menon, Prof. P. K. Kurian, Prof. T. T. Kuriakose, Prof. P. C. Alias, Dr. Prameeladevu, Prof. Suja Susan George, Dr. M. Indhulekha, Prof. M. G. Babuji, Sri. Venugopal IAS, Acharya P. N. N. Chakyar, Dr. C. K. Jayanthi, Dr. E. N. Narayanan, Sri. T. Sasikumar, Dr. Rajan Vargheese, Anil Mangalathu.
2012-13	Dr. Skaria Zakariah, Prof. Mathew Pral, Prof. P C Elias, Dr. Babu Cherian, Prof. Narayana Panicker, Prof. Mathew Ulakamthara, Dr: P S Radakrishnan, Prof. T T Kuriakose, Sri. Thiruvanchur Radhakrishnan, Bishop Dr. Philipose Mar Chrisostam, Prof. Mary Mathew, Dr. K N Viswanathan , Sri. Muraleekrishnan, Sri. Mathur Govindandankutty, Sri. Joshy Mathew, Dr. C K Jayanthi, Sri. K S Sathyamurthy, Dr. Harikumar Changampuzha.

25. Seminars / Conferences / Workshops organized & the source of funding:
- a.) National: **NIL**
- b.) International: **NIL**

26. Student profile programme/course wise:

Year	Name of the Course/ Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-08	BA MALAYALAM (Annual System)	214	31	9	20 (drop out)	100
2008-09	BA MALAYALAM	197	31	14	9	100
2009-10	BA MALAYALAM	289	30	10	20	96.55
2010-11	BA MALAYALAM	203	23	14	9	96.15
2011-12	BA MALAYALAM	CAP	23	14	9	77.78
2012-13	BA MALAYALAM	CAP	27 30	18 11	9 19	92.86

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2005-08	BA Malayalam	100%	NIL	NIL
2006-09				
2007-10				
2008-11				
2009-12				
2010-13				

28. How many students have cleared NET, SLET and GATE?

NIL

29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	MA 10 BEEd 2	MA 5 BEEd 3	MA 8 BEEd 4	MA 6 BEEd 5	MA 12 BEEd 2	MA 10 BEEd 4
PG to M. Phil	B.D Seminary	Seminary 4	Seminary 2	Seminary 3	Seminary 1	
PG to Ph. D	NA	NA	NA	NA	NA	
Ph. D to Post – Doctoral	NA	NA	NA	NA	NA	
Employed ▪ Campus selection ▪ Other than campus recruitment	5	5	4	6	4	4 20
Entrepreneurship/ Self-employed	NA	NA	NA	NA	NA	

30. Details of Infrastructural facilities

- a.) Library: **YES**
- b.) Internet facility for Staff & Students: **YES**
- c.) Class rooms with ICT facility: **NA**
- d.) Laboratories: **NIL**

31. Number of students receiving financial assistance from College, university, government or other agencies: **Govt. SC/ST -OBC, OEC KPCR**

32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2007-08	valedictory of the silver jubilee programme, inauguration of the Malayalam association, Onam Celebrations, interview, lectures, film show, Christmas programme, bharatham, valedictory function and releasing 'SAMANWAYAM' manuscript magazine.
2008-09	Conducted special lectures on folklore, cinema criticism, Onam X'Mas Program Bharatham Manuscript Magazine Inaugural & valedictory functions conducted orientation for the students, Vastu vidya, astrology and value education seminars. നിഴലുകൾ ചായുമ്പോൾ (Nizhalukal Chayumbol - publication)

2009-10	Conducted special lectures on criticism, Value education, മഴവില്ലു മാധ്യമങ്ങൾ (Mazhavillu Mayumbol - publication) Printed publication of the students - Manuscripts
2010-11	Orientation for I st year student's personality development, communication skills, performing arts. ഗുരുദക്ഷിണ (Gurudakshina – Manuscript Magazine)
2011-12	പ്രഭാത നക്ഷത്രങ്ങൾ (Prabhatha Nakshathragal)
2012-13	Inauguration and valedictory functions conducted, Onam & Christmas celebration Manuscript (Nerampokku - നേരം പോക്ക്) ശലഭം (Salabham)

33. Teaching methods adopted to improve student learning: **Students have been motivated to use library and were insisted to submit reports on their use of library, conducted the performance of the traditional and the classical form of arts in the college in order to make them aware of the cultural and academic values of this art forms, students were allotted assignments, seminars, test papers and paper presentations for their continuous evaluation.**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
Pothiyil Gurukulam is a traditional training centre for kooth and koodiyattom in Manganam, a village near Kottayam town. Malayalam dept. gives whole hearted support to the functioning of the Gurukulam by all means. Usually the annual celebration of the Pothiyil Gurukulam is hosted in our department. Teachers and students visit Manganam Balabhavan, a poor boys home and spent a day with them. We meet the expenses of the meals of that day also.
35. SWOC analysis of the department and Future plans:
**To improve the facilities of department library to a full-fledged one.
To organise a National Seminar with the help of UGC assistance.
To upgrade the department as a PG and research dept.**

DEPARTMENT OF MATHEMATICS

1. Name of the Department : **Mathematics**
2. Year of Establishment : **1967**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.Sc. Mathematics**
4. Names of Interdisciplinary courses and the departments/ units involved: **NIL**
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester and Choice based credit system.**
6. Participation of the department in the courses offered by other departments:

Dept. of Physics - Complementary Mathematics to B.Sc. Physics

Dept. of Chemistry - Complementary Mathematics to B.Sc. Chemistry

Open Course - Applicable Mathematics - This course is open to all other depts.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	1	1	NIL
Asst. Professors	2	1	NIL
Guest Lectures	-	1	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Sri. Alexander V. George	M.Sc	Asso. Prof & H.O.D.	Complex Analysis	28 years	-
Smt. Jaimy Sarah Jacob	M.Sc., B.Ed., NET	Asst. Prof	Mathematical Analysis	1 month	-
Smt. Anju John	M.Sc.	Guest Lecturer	Algebra	4 years	-

-
11. List of senior visiting faculty : **NIL**
 12. Percentage of lectures delivered and practicals handled by temporary faculty: **35%**
 13. Student – Teacher Ratio (programme wise): **34:1**
 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **sanctioned – 1**
 15. Qualifications of teaching faculty with DSc / D.Litt / Ph.D / **M.Phil - 0/ PG – 3.**
 16. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **NIL**
 17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
 18. Research Centre/ facility recognized by the University: **NIL**
 19. Publications:
 - * Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **NIL**
 - * Monographs: **NIL**
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers: **NIL**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
 20. Areas of consultancy and income generated: **NIL**
 21. Faculty as members in
 - National committees b) International Committees c) Editorial Boards: **NIL**
 22. Student projects
 - c.) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
 - d.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **NIL**

23. Awards / Recognitions received by faculty and students:

2010-11: Alex George of IInd year B.Sc. Mathematics was selected for the National Gaurd of honour in the republic day parade held at Delhi, 2011.

2011-12: Midhun M. Madhu of IInd year B.Sc. Mathematics was selected to the Himalayan adventure camp held at Manali in Himachal Pradesh, March 2012.

Sreenath B. of Ist year B.Sc. Mathematics was in the football team that won the 3rd place in the MG University Intercollegiate Football championship.

2012-13: Archana S of First year B.Sc Mathematics won first prize in Group Song in the M. G. University youth festival, 2012-13

Sajana S Nair of First year B.Sc Mathematics won third prize in Kadha Prasangam in the M. G. University youth festival, 2012-13

24. List of eminent academicians and scientists / visitors to the department:

Dr.M.S.Samuel, Prof.T.C.Chacko, Prof.M.J.Thomas

25. Seminars / Conferences / Workshops organized & the source of funding:

- a.) National **NIL**
- b.) International **NIL**

26. Student profile programme/course wise:

Year	Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
				* M	*F	
2007-2008	B.Sc. Mathematics	487	33	12	21	85.19
2008-2009		495	42	21	21	93.94
2009-2010		668	40	16	24	64.71
2010-2011		665	32	12	20	82.35
2011-2012		CAP	37	11	26	96.97
2012-2013		CAP	44	19	25	83.33

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08 2008-09 2009-10 2010-11 2011-12 2012-13	B.Sc. Mathematics	100%	NIL	NIL

28. How many students have cleared NET, SLET and GATE? **NET - 2(2008-09, 2009-10)**

29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG		60	45	58	65	80
PG to M. Phil		NA	NA	NA	NA	
PG to Ph. D		NA	NA	NA	NA	
Ph. D to Post –Doctoral		NA	NA	NA	NA	
Employed						
Campus selection		NIL	NIL	NIL	NIL	4
Other than campus recruitment		6	4	7	6	2
Entrepreneurship/ Self-employed		NIL	NIL	NIL	NIL	

30. Details of Infrastructural facilities

a.) Library: **2394 Books**

b.) Internet facility for Staff & Students: **3 Computers with Internet facility, 1 Printer and 1 Printer with scanner.**

c.) Class rooms with ICT facility: **LCD Projector available in final year B.Sc. class room**

d.) Laboratories: **NIL**

31. Number of students receiving financial assistance from College, university, government or other agencies: **NA**

32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2008-09	A one day seminar by Prof. M.S.Samuel was conducted on 18/09/2008
2009-10	A one day seminar by Prof. M.J.Thomas was conducted in Vedic Mathematics on 17/09/2009

2010-11	A one day seminar by Prof. T.C.Chacko, Vice Principal, BCM College on "Eminent Mathematicians and their contributions"" was conducted on 09/09/2010
2011-12	The following one day seminars were conducted 1. A one day seminar on scope of Mathematics was conducted on 20/07/2011 2. A one day seminar by PRO, MG University, Kottayam on career guidance was conducted on 21/02/2012
2012-13	1. A one day seminar on 'God Particle' by Dr. Varghese Joshua, Associate Professor, C.M.S College, Kottayam was conducted on 8.08.2012. 2. An intercollegiate quiz competition in which 19 teams from other colleges participated was conducted on 19.09.2012

33. Teaching methods adopted to improve student learning:
1. **Identified top 10 and weak 10 students in each class and were given special coaching**
 2. **Remedial classes were given to slow learners**
 3. **Encouraged peer teaching**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
1. **Conducted classes for school students for improving numerical ability**
 2. **Mathematics Association gave a contribution for the welfare of cancer patients at Mar Gregorios Karunya Nilayam, Kottayam.**
35. SWOC analysis of the department and Future plans:
1. **Celebration of the 125th birth anniversary of the great Indian Mathematician Srinivasa Ramanujan.**
 2. **Plan to conduct a Mathematical Exhibition**
 3. **Department plan to arrange lectures of eminent academicians for the benefit of students.**
 4. **Provision for Smart Class Rooms.**

DEPARTMENT OF BOTANY

1. Name of the Department : **Botany**
2. Year of Establishment : **1967**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.Sc. Botany Model I**
4. Names of Interdisciplinary courses and the departments/ units involved: **NIL**
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester and Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **Diploma in natural rubber production, the UGC aided course was sanctioned to be conducted for three years.**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	NIL	NIL	NIL
Asst. Professors	4	3	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Sri. Gokul G. Nair	M.Sc., UGC NET	Asst. Prof. & HOD i/c	Biotechnology	2 years	-
Smt. Arabhi P.	M.Sc., B.Ed, UGC NET	Asst. Prof	Biotechnology	2 years	-
Dr. Geethalakshmi K.	M.Sc., PhD	Asst. Prof	Palynology	2 years	-
Sri. Arun Kumar G	M.Sc., NET	Guest Lecturer	Biotechnology	-	-

11. List of senior visiting faculty : **NIL**
12. Percentage of lectures delivered and practicals handled by temporary faculty: **21%**
13. Student – Teacher Ratio (programme wise): **22:1**

-
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **sanctioned – 3, filled - 3**
 15. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D - 1** / M.Phil / **PG – 3**.
 16. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **NIL**
 17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
 18. Research Centre/ facility recognized by the University: **NIL**
 19. Publications:
 - * (a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.**NIL**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **NIL**
 - * Monographs: **NIL**
 - * Chapter in Books **NIL**
 - * Books Edited **NIL**
 - * Books with ISBN/ISSN numbers with details of publishers: **NIL**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
 20. Areas of consultancy and income generated: **Latex testing for Dry Rubber Content. (2008 – 2012) Income generated is approximately Rs. 22000/-**
 21. Faculty as members in
 - b) National committees b) International Committees c) Editorial Boards: **NIL**
 22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**

- b) Percentage of students placed for projects in organizations outside the institution
i.e. in Research laboratories/ Industry/ other agencies : **NIL**

23. Awards / Recognitions received by faculty and students:

24. List of eminent academicians and scientists / visitors to the department:

2009-10	1. Jomy Augustine, Head of the Dept. of Botany, St. Thomas College, Pala. 2. Dr. Sethumadhavan, Former Director of RGCB, Thiruvananthapuram
2010-11	Sri. C. P. Roy, Former Professor in English, Govt. College, Kottayam
2011-12	Dr. Shaji Philip, Scientist in cell and molecular biology, Rubber Research Institute of India, Kottayam
2012-13	1. Dr. P. C. John, Associate Professor in Zoology, CMS College Kottayam. 2. Dr M.E. Kuriakose, Principal, K.G. College Pampady 3. Mr. Benny Kurian, Naturalist and Rock Art expert. 4. Dr. Mathews Jacob C., Wild Life Photographer and Ayurveda Physician. 5. Adv. Rajeev S. Panicker, Wild Life Photographer 6. Prof. Kurian John, Former HOD, Dept. of Botany, Baselius College. 7. Prof. G. Alexander, HOD of Botany, Catholicate College, Pathanamthitta.

25. Seminars / Conferences / Workshops organized & the source of funding:

- b.) National : **NIL**
c.) International (Regional Seminar)

One day seminar on Mangrove Conservation was organized on 9th January 2013 in collaboration with Ministry of Environment, Govt. of India and Centre for Environment and Heritage Awareness.

Source of funding- Ministry of Environment, Govt. of India, Under NEAC Programme (2012-13)

26. Student profile programme/course wise:

Year	Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
				* M	*F	
2007-2008	B.Sc. Botany					97.22
2008-2009						77.27
2009-2010		301	35	16	19	87.10
2010-2011			30	8	22	95.83
2011-2012		CAP	37	12	25	82.75
2012-2013		CAP	44	11	33	96.15

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08	B.Sc. Botany			
2008-09				
2009-10		100%		
2010-11		100%	NIL	NIL
2011-12		100%	”	”
2012-13		100%	”	”

28. How many students have cleared NET, SLET and GATE?

CSIR NET -2(2009 & 2012)

29. Student progression

Student progression	Against % enrolled					2012-13
	2007-08	2008-09	2009-10	2010-11	2011-12	
UG to PG			25	20	25	20%
PG to M. Phil			NA	NA	NA	
PG to Ph. D			NA	NA	NA	
Ph. D to Post –Doctoral			NA	NA	NA	
Employed ▪ Campus selection ▪ Other than campus recruitment			NIL	NIL	NIL 4%	Adarsh S. (Kerala Agriculture Department, PSC Recruitment) Vishnu Raj P. R. (Defense Service) Amal K. Babu (Defense Service)
Entrepreneurship/ Self-employed			NIL	NIL	NIL	

30. Details of Infrastructural facilities
- b.) **Library: The department owns a well established library and reading room with more than 900 books, two journals and two periodicals. Students can directly access library books and they are provided with library cards to borrow it. One of the academic support staff of the department is given charge of the library to ensure its smooth running. Along with library a herbarium (collection of dried, pressed and preserved plant twigs mounted on paper sheets to make plant identification and studies related to it easier) is set for the botany students.**
- c.) **Internet facility for Staff & Students: There is a separate Information Technology and Bioinformatics Lab set up in the department in order to cope up with the drastic changes in the curriculum. IT lab is equipped with five computers; all connected with internet and printing facility. Computers are also installed with 3-D molecular visualisation softwares. Other than this, there are two computers with internet facility kept in the staff room.**
- d.) **Class rooms with ICT facility: Most commonly LCD Presentations are used in the class room as a tool to support the teaching & learning process.**
- e.) **Laboratories: We have a well furnished and equipped B.Sc. Botany lab with more than 35 simple and compound microscopes, a camera attached microscope of higher magnification, Centrifuge machines, Colorimeters, gel electrophoresis unit, electronic weighing balance of three digit accuracy, pH meter, hot air oven, water bath etc. Along with the laboratory we maintain a museum of lower and higher plant forms. With a view to construct a separate instrumentation lab we elaborated our facilities in this academic year by installing gel electrophoresis unit, camera attached microscope and a modern centrifuge, machine.**
31. Number of students receiving financial assistance from college, university, government or other agencies: **NA**
32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2009-10	<p>1. Special lecture on 'The importance of Ozone Layer' was conducted on 16th September 2009. Sri M.V.Krishna Raj delivered the talk.</p> <p>2. On 9th October 2009 we conducted 'Creative Brain Power Development Training' for overall development of students. Dr.Sethumadhavan, Former Director of RGCB was our resource Person.</p>
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	<p>3. A special talk on 'Road Safety' was conducted on 4th November 2009. Sri. Joseph V. Philipkutty delivered the talk.</p> <p>4. A Film Show was organized on 10th November 2009 based on the theme 'Flowering Plants of Kerala'.</p> <p>5. Nature camp was conducted at Eravikulam National Park, Munnar on 21st, 22nd and 23rd December 2009. The camp was organized in collaboration with forest department and National park with the funding of Eravikulam National Park. Special lectures on the importance of conserving natural resources, Field study, trekking etc. were conducted on these three days.</p> <p>6. On 21st January 2010. The 6th A. P. Mani Intercollegiate Quiz competition was conducted.</p>
2011-12	<p>1. On 6th August 2011 botany association conducted a special lecture on 'Tissue Culture and its future prospects'. Dr. Mini Chacko, Associate Professor, Dept. of Botany, CMS College delivered the lecture.</p> <p>2. On 29th September 2011 the Department organized an On-hand Training on flower arrangement for the students of Baselius College. Smt. Smitha S., Lecturer, Dept. of Botany and Biotechnology, CMS College, Kottayam was the resource person.</p>
2012-13	<p>One day seminar on Mangrove Conservation was organized on 9th January 2013 in collaboration with Ministry of Environment, Govt.of India. On the seminar following talks were given:</p> <p>1. Talk on “Ecology of Mangrove Forest and its Impacts on Environment”- Mr. Benny Kurian, (Naturalist and Rock Art expert)</p> <p>2. Talk and video presentation on biodiversity of Western Ghats by Adv. Rajeev S. Panicker (wild life photographer)</p> <p>➤ Talk on Strategies for Biodiversity Conservation- Prof. Kurian John (Former HOD of Botany, Baselius College) In connection with the environmental day celebration on 5th June 2012.</p> <p>Talk on the topic “Importance of Ozone Layer in Sustaining Life Forms”- Dr. P. C. John, Associate Professor of Zoology, CMS College Kottayam.</p>

33. Teaching methods adopted to improve student learning: **All the teachers of the department use LCD presentations to introduce their topics. Group discussions are conducted among the students which enable them to learn the subject thoroughly. And also students of B.Sc. classes are grouped into separate teams by mingling weak and bright students; under the guidance of the class teacher, team members are allowed to engage in combined study.**

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

In the Department a DRC Testing Lab is set to test the actual Dry Rubber Content (DRC) of the latex. Rubber growers in and around Kottayam are benefitted through this service. They can test the dry rubber content of latex samples in our DRC lab for a nominal fee. Dry rubber content of latex sample decides its price per Kg. Hence knowing DRC is of high commercial significance.

The department of Botany organized a two day exhibition and awareness programme ‘NATURA 2012’ on 14th and 15th February 2012 in connection with national environment awareness campaign. The programme was funded by Ministry of Environment & Forests and organised in collaboration with Social Forestry Division Kottayam and Rubber Research Institute of India Kottayam. The programme was successful in imparting awareness among local people about the importance of conserving indigenous medicinal plants.

35. SWOC analysis of the department and Future plans:

- **To set a smart classroom in the department**
- **To set an IT and Bioinformatics lab in the department**
- **To conduct an exhibition of medicinal plants**
- **To construct a modern instrumentation lab with spectrophotometer, PCR thermal cycler and UV transilluminator to carry out researches in the field of biotechnology and biochemistry**
- **To establish herbal garden of indigenous medicinal plants**

DEPARTMENT OF ZOOLOGY

1. Name of the Department : **Zoology**
2. Year of Establishment : **1967**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **B.Sc. Zoology**
4. Names of Interdisciplinary courses and the departments/ units involved. **Biotechnology, Bioinformatics & Microbiology in Zoology B.Sc. Programme. BOTANY DEPT Complementary Zoology. Open Course 'Human Genetics, Nutrition, Community, Health and Sanitation' for students from Physics, Botany, Chemistry, Political Science, Malayalam, Economics and English.**
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester, Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **B.Sc. Zoology students opt open courses offered by Dept. of English, Economics, Botany, Chemistry, Commerce and Physical Education.**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	NIL	NIL	NIL
Asst. Professors	4	(3 to be filled in March 14 th)	NIL

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Smt. Liji Koshy HOD from 01/06/2013	M.Sc., M.Ed., UGC NET	Asst. Prof.& HOD from 01/06/2013	Fisheries	2 years	-
Smt. Susan Liju Ipe	M.Sc., B.Ed., M.Th.	Guest Lecturer	Entomology	1 year	-
Smt. Vijaya Lakshmi L	M.Sc., B.Ed., SET	Guest Lecturer	Environmental Biology		
Smt. Ambily K . Chandran	M.Sc., B.Ed	Guest Lecturer	Environmental Biology		

11. List of senior visiting faculty: **Prof. C.M. Mathew, Dr. K. P. Joy, Dr. A. P. Thomas**
12. Percentage of lectures delivered and practicals handled by temporary faculty: **NIL**
13. Student – Teacher Ratio (programme wise): **36:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **2**
15. Qualifications of teaching faculty with DSc / D.Litt / **PG – 4**
16. Number of faculty with ongoing projects from (a)National: **1** (b)International funding agencies: **NIL** and grants received: **1.4 LAKHS (Completed)**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **National-1 (UGC) MRP(S)-994/10-11/KLMG031/UGC-SWRO Dated 22/12/2010 The Effect of Vermicompost Enriched with Microbial Fertilisers on the Productivity of Brinjal. Principal Investigator - Dr. Susan Panicker UGC Minor Research Project (Jan 2011 - Jan 2013)Rs.1.4 lakhs**
18. Research Centre/ facility recognized by the University: **Research Lab MICROBIOLOGY with enough facilities (Microbial inoculant lab). 3 students**

took Ph.D in Microbiology and 2 students doing Ph.D under the guidance of Dr.Susan Panicker, HOD of this department till May 2013, who is a Research guide of Mahatma Gandhi University.

19. Publications:

* (a) Publication per faculty

* Number of papers published in peer reviewed journals (national/international) by faculty and students

Name of the faculty	07-08	08-09	09-10	10-11	11-12	12-13
Dr. Susan Panicker	3	5	3	6	4	1

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **3**

* Monographs: **NIL**

* Chapter in Books: **Dr. Susan Panicker (2) - Text book of ‘Microbiology and Immunology’ Published by Zoological Society of Kerala (2008). Smt. Bina Jacob (1) - Text book of ‘Animal Diversity Chordata’ Published by Zoological Society of Kerala (2010).**

* Books Edited: **Dr. Susan Panicker (3)- Text book of ‘Microbiology and Immunology’ Published by Zoological Society of Kerala (2008). Editor of Journal ‘Baselius Researcher’ ISSN 0975-8658 Published by the Principal, Baselius College Kottayam. Editor ‘Journal of Zoological Society of Kerala’ ISSN 0971-197 X Published by Zoological Society of Kerala.**

* Books with ISBN/ISSN numbers with details of publishers: **NIL**

* Citation Index: **NIL**

* SNIP

* SJR: **0,135 (Dr. Susan Panicker - 3 publications)**

* Impact factor: **0.043, 1.52**

* h-index: **9**

20. Areas of consultancy and income generated: **Bacteriological Quality assessment of potable water from rural and suburban areas of Kottayam Dist.**

21. Faculty as members in
 a) National committees-3 b) International Committees- **NIL** c) Editorial Boards: **2**
(Dr. Susan Panicker, Board of Studies CBCSS (UG) - Chairperson Mahatma Gandhi University (2009-2013), Member, Association of Microbiologies of India (AMI))
22. Student projects
 b.) Percentage of students who have done in-house projects including inter departmental/ programme: **100%**
 c.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **NIL**
23. Awards / Recognitions received by faculty and students: **NIL**
24. List of eminent academicians and scientists / visitors to the department:
- **Prof. K. P. Joy, Environmentalist & former HOD of Zoology & Principal**
 - **Dr. A. P. Thomas, Director, Centre for advanced studies, School of Environmental Studies, MG UNIVERSITY**
 - **Dr. Punnen Kurian, Director TIES, Kottayam**
 - **Dr. Achut Sankar S. Nair, Director, Centre for Bioinformatics, University of Kerala**
 - **Dr. P. C. John, Associate Professor in Zoology, CMS College Kottayam.**
 - **Dr. Punnen Kurian, Director, TIES, Kottayam**
 - **Dr. Giji K. Joseph, Nirmala College, Muvattupuzha. (Former Scientist, Wild life sanctuary, Periyar)**
25. Seminars / Conferences / Workshops organized & the source of funding:
 a.) National **WORKSHOP UGC Sponsored dates-August 11, 12 & 13 2011 - Modern Biological Techniques and Bioinformatics, with special reference to restructured syllabus. F No SEM - 1575/10-11/KLMG031/UGC-SWRO Dated 17/03/2011**
 b.) International **NIL**
26. Student profile programme/course wise:

Year	Name of the Course/ programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-2008	B.Sc. Zoology	325	33	7	26	72.00
2008-2009	B.Sc. Zoology	325	33	7	26	83.33
2009-2010	B.Sc. Zoology	350	33	7	26	66.67
2010-2011	B.Sc. Zoology	350	33	7	26	92.00
2011-2012	B.Sc. Zoology	CAP	36	8	28	75.00
2012-2013	B.Sc. Zoology	CAP	43	12	31	

*M-male,*F-female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08 2008-09 2009-10 2010-11 2011-12 2012-13	B.Sc. Zoology	100%	NIL	NIL

28. How many students have cleared NET, SLET and GATE?

29. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	25	25	25	25	25	More than 50%
PG to M. Phil	NA	NA	NA	NA	NA	
PG to Ph. D	3	3	3	3	NA	
Ph. D to Post – Doctoral	NA	NA	NA	NA	NA	
Employed ▪ Campus selection ▪ Other than campus recruitment	NA	NA	NA	NA	NA	Nil
Entrepreneurship/ Self-employed	NA	NA	NA	NA	NA	

30. Details of Infrastructural facilities

- a.) Library: **Books 542, Journals 11 - Indian Journal of Microbiology, Current Science, Biosciences, Journal of Genetics, Resonance. The Herald of Health, The Journal of Zoological Society of Kerala.**
- b.) Internet facility for Staff & Students: **10 Computers with internet facility.**
- c.) Class rooms with ICT facility: **1**
- d.) Laboratories: **Bioinformatics Lab, Microbial inoculant lab (Microbiology Research Lab), General BSc Lab, Museum with Zoological Specimens, Slides and Charts.**

31. Number of students receiving financial assistance from College, university, government or other agencies: 12 in addition to SC/ST students. & **One Merit Scholarship (Mrs. Kunjukunjamma Panicker memorial endowment-for 2 best Zoology students on the basis of merit) from the college.**
32. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2007-08	<p>28/08/2007-A seminar on problems and solutions of Adolescence by Dr. Jose Kuruvilla, Paediatrician, Medical College, Pushpagiri, Kottayam.</p> <p>26/11/2007-A seminar on organic farming by Tom Zacharia, Bijumon Kurian and Anjuma Gayan of Manarcaud Social Service Society.</p> <p>June-July 31st-36 students of the dept participated in a survey on 'Chikungunya Outbreak,' in Kottayam Dist, organized by TIES & M.G.University under the guidance of the faculty .</p> <p>10/7/2007-Visited the food fish culturing farm at Kumarakom for a study on fish culturing and harvesting. They also visited the Kumarakom Bird Sanctuary for bird species diversity studies.</p>
2008-09	<p>11/7/2008-10 final year students attended a special field study training programme organized by TIES on Butterflies and Dragon flies at CMS College, Kottayam.</p> <p>5/8/2008-Dept organized a one day seminar on "Telomere,Telomerase and Cancer" by Dr.Jacob Naduparambil,School of Medicine, Ohio State University USA (He was an alumnus of this Dept)</p> <p>29/8/2008 –Animal Science Congress-2008,sponsored by Zoological Society of Kerala. Intercollegiate research project paper presentation contest (UG&PG)</p> <p>5/9/2008- Competition on Treasure hunt, onappattu, 'sreeman & sreemathy beauty contest, Got 1st prize in interdepartmental Nadanpattu contest</p> <p>7/10 /2008 Celebrated World Wild Life Week with interdepartmental competitions on the theme subject 'Animal Conservation and Management'</p> <p>13/11/2008-17/11/2008-Field study and Nature study –Wayanadu-Muthanga wild life Sanctuary, heritage museum, butterfly garden,Soochippara water falls, and Pookodu Lake.</p> <p>In January 2009, visited Medex Exhibition at Medical College,Kottayam, and aquaculture lab and aquarium fishes at Govt College,Kottayam.</p>
2009-10	<p>Special lectures-August & September 1. Dr. Leena David on pranic healing and yoga.2.Dr. Aneen, Medical College, Kottayam on Cancer and food habits.</p>
2010-11	<p>Sept 16-Ozone Day celebration by conducting Poster Exhibition.</p>
2011-12	<p>UGC Sponsored National Seminar was organized on 11,12,13August 2011 with eminent resource persons.1.Achuth Sankar S. Nair, Director, Centre for Bioinformatics, University of Kerala,2.Dr. Susan Panicker 3.Dr. F. G. Benno Pereira 3.Dr. Gigi K .Joseph 4.Dr. Karthika R.V 5.Dr. Punnen Kurian.</p>
2012-13	<p>Workshop on Energy conservation conducted by Dr. Punnen Kurien on 11/2/3013.</p> <p>Special lecture on Wildlife Conservation of Kerala by Dr. Gigi K. Joseph on 27 /7/2012</p>

33. Teaching methods adopted to improve student learning : **Seminars, Assignments, Group Discussion, Group activity, Field visit, Study tour, Practical Experiments, ICT facility made available for all students, Lectures with LCD presentations, Viva, Internal Examinations**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
Dr. Susan Panicker is the IQAC co-ordinator, Convener, U.G.C fund utilization and building committee(2006-2013) Dr, Susan Panicker conducted Surveillance study on Bacteriological Quality Assessment of drinking water samples from rural, suburban and Urban areas of Kottayam Dt. Dept maintains a vermicomposting unit in the campus.
35. SWOC analysis of the department and Future plans:
- **To elaborate the Department library and computer lab**
 - **Upgradation into a P. G. Department**
 - **Identify the top students and to start peer-group teaching**
 - **To conduct National Seminars on different topics in biology.**

DEPARTMENT OF POLITICAL SCIENCE

1. Name of the Department : **Political Science**
2. Year of Establishment : **1983**
3. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **BA in Political Science**
4. Names of Interdisciplinary courses and the departments/ units involved: **NIL**
5. Annual / Semester / Choice based credit system (programme wise): **Annual, Semester, Choice based credit system.**
6. Participation of the department in the courses offered by other departments: **Open course offered by other departments.**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	1	1	NIL
Asst. Professors	2	2	NIL
Guest Lectures	-	-	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D
Prof.K.J.Churian	M.A	Associate Professor & HOD	Public Administration Political thought	24 years	Nil
Sri. Shibu M. George	MA, M.Phil, UGC NET	Asst. Prof & HOD	International Politics (Security studies)	1.5 years	-
Sri. Renish Joseph	MA, B.Ed., UGC NET	Asst. Prof	Public Administration	1 year	-

11. List of senior visiting faculty: **NIL**

12. Percentage of lectures delivered and practicals handled by temporary faculty: **34%**
13. Student – Teacher Ratio (programme wise): **40:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **NIL**
15. Qualifications of teaching faculty with DSc / D.Litt / Ph.D / **M.Phil-1 / PG-2.**
16. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: **NIL**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **1(UGC Rs.80000)**
18. Research Centre/ facility recognized by the University: **NIL**
19. Publications:
 - * Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students.

Name of the faculty	07-08	09-10	10-11	11-12
Smt. Sheeja Kuriakose				2
Prof. Joshua George	1			
Sri. Shibu M. George	1	2	1	

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): **NIL**
 - * Monographs: **NIL**
 - * Chapter in Books : **1**
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers: **NIL**
 - * Citation Index: **NIL**
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated. **NIL**

21. Faculty as members in

National committees b) International Committees c) Editorial Boards: **1**

(Prof. Joshua George, Member of the Editorial board of Political Science Association, Kerala.)

22. Student projects

- a.) Percentage of students who have done in-house projects including inter departmental/ programme **100% (project done by students as part of fifth semester course)(2011-12)**
- b.) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies **NIL**

23 Awards / Recognitions received by faculty and students:

2008-09	1. Prof. M.V. Varkey awarded Best Quiz Master by Bala Mangalam Children's Weekly of Mangalam Daily.
2009-10	1. Prof. Joshua George UG Board of Studies (CBCSS), Politics, MG University - 05/05/2009
2010-11	

28. List of eminent academicians and scientists / visitors to the department:

Prof. O. M. Mathew

Prof. P. A. Kochuthresia

29. Seminars / Conferences / Workshops organized & the source of funding:

- a.) National: **NIL**
- b.) International: **NIL**

30. Student profile programme/course wise:

Year	Name of the Course/ Programme	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2007-08	BA Political Science	756	39	27	12	71.79
2008-09	BA Political Science	555				80.65
2009-10	BA Political Science	CAP	47	32	15	90.70
2010-11	BA Political Science	CAP	40	20	20	43.90
2011-12	BA Political Science	CAP	40	21	19	63.71
2012-13	BA Political Science	CAP	41	24	17	76.92

*M-male,*F-female

31. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2007-08	BA Political Science	100%	NIL	NIL
2008-09				
2009-10				
2010-11				
2011-12				
2012-13				

32. How many students have cleared NET, SLET and GATE?- NA

07-08	08-09	09-10	10-11	11-12

33. Student progression

Student progression	Against % enrolled					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UG to PG	5	3	15	7	25	50
PG to M. Phil						
PG to Ph. D						
Ph. D to Post –Doctoral						
Employed ▪ Campus selection ▪ Other than campus recruitment						
Entrepreneurship/ Self-employed						

34. Details of Infrastructural facilities

- a.) Library: **600 books**
- b.) Internet facility for Staff & Students: **3 Computers with Internet connectivity**
- c.) Class rooms with ICT facility: **1**
- d.) Laboratories: **NIL**

35. Number of students receiving financial assistance from College, university, government or other agencies: **NA**

36. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts.

2007-08	Special lectures and seminars related to Environment Day, Voters Day, Hiroshima Day etc were organized at the department level.
2008-09	Observed important days like Independence day, Republic day, Human Rights day, Gandhi Jayanthi etc.
2009-10	Special lectures delivered by resource persons from the fields of public important. Various seminars on Social Science related with law, Journalism, Public Administration etc.
2010-11	Special lectures and seminars delivered by eminent persons from the field of Political Science and public figures were organized at the department level.
2011-12	The department conducted lecture series for students and faculties to make general awareness about various issues under politics and has planned to continue the same in the coming semesters.
2012-13	Personality development class by Tom Angamaly Seminar by Prof. U. P. Anilkumar

37. Teaching methods adopted to improve student learning:

Lecture Hours, Tutorials, Seminars, Projects, Demonstrations

Evaluatory method like class tests, seminars and debates utilizing OHP, PowerPoint presentation, Remedial classes for weak students, tutorial classes, etc

At most use of library and internet facilities are also provided by the department

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

2009-10	Both faculty and students were actively participated in (1) Awareness Programmes on AIDS (2) Immunization.
2010-11	Faculty and students are actively engaged in activities having charitable purposes, awareness programmes related with human rights, Prohibition of liquors, free legal aids etc.
2012-13	Distribution of food & cloths for old age homes and orphanages

39. SWOC analysis of the department and Future plans:

- To start a PG course either in Political Science or Politics and International Relations. None of the colleges in Kottayam town offers PG course in Political Science. The Government College, Nattakom and Baselius College offers Political Science in the UG level and which would be feeding centres to the proposed PG department
- To conduct a national seminar
- A workshop on an orientation program on Research Methodology in Social
- To organize a youth parliament competition at Inter collegiate level

DEPT OF HISTORY

1. Name of the Department : **History**
2. Participation of the department in the courses offered by other departments:
Complementary courses offered for B. A. Students with Core English, Political Science, Economics
3. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
4. Details of courses/programmes discontinued (if any) with reasons: **NIL**
5. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	NIL	NIL	NIL
Asst. Professors	1	1	1

6. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No of years of experience	No. of PhD Students guided and awarded Ph.D
Fr. Dr Thomson Robi	MA, Ph D	Asst. Prof & HOD	Kerala History	3	-

7. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D - 1**/ M.Phil / PG
8. Publications
2011 – 12 : 2
2012 – 13 : 2
9. Faculty as members in
National committees b) International Committees c) Editorial Boards: **Baselius Researcher, Baselius College, Kottayam.**
10. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

11. Teaching methods adopted to improve student learning:

Seminars, discussions etc

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

MGOCSM, Staff Club activities

13. SWOC analysis of the department and Future plans:

Launch of UG Programme in History

DEPARTMENT OF STATISTICS

2. Name of the Department : **Statistics**
3. Participation of the department in the courses offered by other departments:
Complementary Statistics course to B.Sc. Mathematics programme offered by Dept. of Mathematics.
Quantitative tools or Economic Analysis - A paper for M.A. Economics course offered by Dept. of Economics.

4. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	NIL	NIL	NIL
Asst. Professors	1	1	1

5. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No.of years of Experience	No. of PhD Students guided and awarded Ph.D.
Dr. Annie Cherian	M.Sc., NET, PhD	Asst. Prof & HOD	Statistical Process Control	15 yrs	Nil

6. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D - 1** / M.Phil / PG.
7. Number of faculty with ongoing projects from (a) National (b) International funding agencies and grants received: **National: 1-UGC Minor project - Principal investigator - Dr. Annie Cherian. Total grants received: 1.60 lakhs**
8. Departmental projects funded by DST-FIST; UGC-1
9. Publications:
 * Publication per faculty

- * Number of papers published in peer reviewed journals (national/international) by faculty and students.

Faculty	08-09	09-10
Dr. Annie Cherian	1	1

10. Faculty as members in
National committees b) International Committees c) Editorial Boards:
- a. **Dr. Annie Cherian - Member, Board of Studies in Statistics, MG University, Kottayam**
 - b. **Dr. Annie Cherian - Question paper setter for M.Sc. Degree examination, University of Kerala, Thiruvananthapuram.**
 - c. **Dr. Annie Cherian - Member, ISPS - Indian Society for Probability and Statistics.**
11. Details on student enrichment programmes (special lectures/ workshops / seminar) with external experts: **Nil**
12. Teaching methods adopted to improve student learning: **Seminars, Assignments**
13. Participation in Institutional Social Responsibility (ISR) and Extension activities: **IQAC, PTA**
14. SWOC analysis of the department and Future plans:
- **Organize workshops relating to Application of Statistical tools.**
 - **Start UG course in Statistics.**

DEPARTMENT OF HINDI

2. Name of the Department : **Hindi**

3. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	1	1	1
Asst. Professors			NIL
Guest Lectures	-	-	-

4. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D
Dr. Jancey Thomas	MA., B.Ed, PhD	Asso. Prof & HOD	Hindi Language & Literature	25 years	-

5. Qualifications of teaching faculty with PhD-2

6. Publications:

* Publication per faculty

* Number of papers published in peer reviewed journals (national/international) by faculty and students.

Name of the faculty	07-08
Dr. Eley I.C.	1
Dr. Jancey Thomas	1

7. Teaching methods adopted to improve student learning: **Seminars, Assignments and Test papers**

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

Editorial Board Member of Journal Baselian and Baselius Researcher

9. SWOC analysis of the department and Future plans: **To upgrade as UG department.**

- To launch Certificate Programmes in 'Hindi DTP' and 'Communication in Hindi'

DEPARTMENT OF SANSKRIT1. Name of the Department : **Sanskrit**

2. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	NIL	NIL	NIL
Asst. Professors	1	1	NIL

3. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Sri. Sarath P. Nath	MA (Sanskrit), NET	Asst. Prof & HOD	Vyakaranam	2 years	

4. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D**/ M.Phil / PG. – **NIL**.5. Number of faculty with ongoing projects from (a)National (b)International funding agencies and grants received: UGC. **National - 1: Doing a major project with the financial assistance of UGC, International: NIL, Total Grants Received - Rs. 337673/ (Dr. P. V. Viswanathan Nampoothiri – former HOD)**

6. Publications:

* Publication per faculty

* Number of papers published in peer reviewed journals (national/international) by faculty and students.

Faculty	07-08	08-09	10-11
Dr. P.V. Viswanathan Nampoothiri	1	1	1

7. Teaching methods adopted to improve student learning: **Lecturing and Evaluating**

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

a.) **President of Pothiyil Gurukulam Kudiyattam Research Centre, Kottayam.**b.) **President of Prasaram Samskrita Samajam Charitable Society, Kottayam.**

- c.) **President of Akshara Sloka Parishad, Kottayam.**
- d.) **President of Thapasya Kala Sahitya Vedi, Kottayam Chapter.**

9. SWOC analysis of the department and Future plans:

- a.) **Major/Minor Projects.**
- b.) **Publish Books/Articles in National/International Journals.**
- c.) **Participate/ Present Papers in National/International Seminars.**
- d.) **Propagate the Essence of Sanskrit in the Society**

DEPARTMENT OF SYRIAC

1. Name of the Department : **Syriac**
2. Participation of the department in the courses offered by other departments:

Additional Language Syriac

3. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
4. Details of courses/programmes discontinued (if any) with reasons: **NIL**
5. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	1	1	NIL
Asst. Professors	NIL	NIL	NIL

6. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D
Smt. N.V. Leela	MA, DSL	Asso. Prof & HOD	Syriac Language & Literature		-

7. Qualifications of teaching faculty with D.Sc / D.Litt / Ph.D / M.Phil / **PG-1**.
8. Faculty as members in
National committees b) International Committees c) Editorial Boards: **1**

Staff - Editor - College Campus Magazine Member, Editorial Board - College Annual Magazine

9. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts: **Audio Visual presentation & DTP training in Syriac.**

10. Teaching methods adopted to improve student learning: **Teacher gives special training to read and write Syriac to the interested students and neighbours.** Participation in Institutional Social Responsibility (ISR) and Extension activities: **IQAC, PTA**

11. SWOC analysis of the department and Future plans:

The Departmental envisages the following in future:

- a. A full-fledged Degree programme in Syriac (History and Literature)**
- b. A certificate-course in Syriac as add-on-course for students of all disciplines.**

DEPARTMENT OF PHYSICAL EDUCATION

2. Name of the Department : **Physical Education**
3. Year of Establishment : **1964**
4. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.): **Open Course - Physical, Health and Life Skill Education.**
5. Number of Teaching posts

	<i>Sanctioned</i>	<i>Filled</i>	<i>No. with Ph.D.</i>
Professors	NIL	NIL	NIL
Associate Professors	1	1	1
Asst. Professors	1	1	1

6. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil, etc):

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of PhD Students guided and awarded Ph.D.
Lt. Dr. Biju Thomas	MPE, M.Phil, Ph.D, MBA	Asso. Prof & HOD	Sports Biomechanics, Football	19	-
Dr. Joji M.Philip	MPES M.Phil Ph.D, NIS Dy.Ed	Asst. Prof	Training methods Athletics	13	-

7. Qualifications of teaching faculty with DSc / D.Litt / **Ph.D - 2 / M.Phil – 2**
8. Teaching methods adopted to improve student learning: **Open course - Seminars, Assignments**
9. Participation in Institutional Social Responsibility (ISR) and Extension activities: **Sports, NCC ANO, PTA Secretary**
10. Publications:
- * (a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national/international) by faculty and students

Name of the faculty	2009-10	2010-11	2011-12	2012-13
Dr. Biju Thomas	1	-	-	2
Dr. Joji M. Philip	1	1	2	-

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.):
 - * Monographs:
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers:
 - * Citation Index:
 - * SNIP
10. Faculty as members in
- a) National committees b) International Committees c) Editorial Boards:
11. Seminars / Conferences / Workshops organized & the source of funding:

Lt.Dr. Biju Thomas

- e) National
National Seminar Participation:
Attended a National Seminar on Life Style Management@Fitness.com on 15th and 16th December 2011 at St.Paul's College Kalamassery
- f) International
Attended as Chairperson and paper presenter on Health Promotion among children towards a wellness Curriculum at Department of Physical Education, Panjabi University, Patiala, Punjab from January 24th to 26th 2013

Educational Conference Attended

Attended One day conferences organized by the MOC Management

- ◆ January 2010 – K. G. College Pampady
- ◆ December 2011 – Baselius College Kottayam

Workshops Attended

- Attended the workshop on Grading and Restructuring Undergraduate Education at Baselius College Kottayam in collaboration with Kerala State Higher Education Council on 27th Feb 2009.

- Attended as Resource Person in the workshop on Modern Biological Techniques and Bioinformatics – with Special Reference to Restructured syllabus held on 11,12 & 13 August 2011.
- Attended the five day under graduate course designing workshop organized by the Board of studies in Physical Education at Kannur University on 4th to 6th and 11th to 12th August 2011.

Dr. Joji M. Philip

Paper Presentations

National Seminars

1. Attended and presented a paper on the effects of `Yoga, Core Power Yoga and Iron Yoga on Flexibility Strength and Vital Capacity among Sports School Students' at the UGC sponsored National Seminar in Recent Trends in Physical Education, Sports, Health Education, Yoga and Stress Management from 11th to 13th August 2010 at Catholicate College Pathanamthitta.
2. Attended and presented a paper entitled `Effect of Body Compositions and Selected Body Dimensions to Performance on Speed' at the UGC sponsored National Seminar held at M.S.M College Kayamkulam on 21st and 22nd Dec 2010.
3. Attended and presented a paper on `Altitude of students and the Need Yoga for Children' at UGC sponsored National Seminar at St.Joseph College for women, Alappuzha on 15th and 16th November 2011.

Inter National Seminars

- Attended and presented a paper titled `Roots, The Revisiting of Culture and History through Literature' at the UGC sponsored Inter National seminar on Changing Worlds Reviewing and Reinventing Literature and Culture held at Catholicate College Pathanamthitta on 23rd and 24th January 2012.

Seminars Attended

National

1. Attended UGC sponsored National Seminar on Women and Sports from 14th to 15th February 2012 at Alphonsa College Pala

2. Attended UGC sponsored National Seminar on Nutrition and Self Care for Healthy Ageing at Bishop Kurialachery College for Women Amalagiri on 14th and 15th January 2010.
3. Attended UGC sponsored National Seminar on Emerging Entrepreneurial Strategies for Self Employment and skill Development held at K.G.College Pampady on 13th and 14th August 2009.
4. Attended UGC sponsored National Seminar on Meditation & Naturopathy, Natural Precautions for Health at B.K.College Amalagiri on 5th and 6th July 2011.
5. Attended UGC sponsored National Seminar in Recent Trends in Physical Education, Sports, Health Education, Yoga and Stress Management from 11th to 13th August 2010 at Catholicate College Pathanamthitta.
6. Attended UGC sponsored National Seminar held at M.S.M College Kayamkulam on 21st and 22nd December 2010
7. Attended UGC sponsored National Seminar at St.Joseph College for women, Alappuzha on 15th and 16th November 2011.

Inter National

1. Attended UGC sponsored international Seminar on Application of Higher Mathematics in Biology and Management at Catholicate College Pathanamthitta on 13th June 2013.
2. Attended UGC sponsored Inter National seminar on Changing Worlds Reviewing and Reinventing Literature and Culture held at Catholicate College Pathanamthitta on 23rd and 24th Jan 2012.

Workshops Attended

1. Attended a workshop on Introduction of Physical Education as a teaching subject in Credit and Semester System on 10th July 2009 at Baselius College Kottayam.
2. Attended a workshop on Physical Education Course in the Restructured Under Graduate Programme on 22nd November 2010 at BPC College Piravam.
3. Attended in the workshop on Restructuring under Graduate Education and Grading held at K. G. College Pampady on 5-9-2008.

Educational Conference Attended

- Participated in the four day conference held at the Catholicate College Pathanamthitta from 17th to 20th Act 98 under the auspices of the St. Basil Association.
 - Attended one day Conferences organized by the M. O. C Management.
 - January 2007 – St. Mary’s College, Sulthan Bathery
 - Nov.2007 at Cyril’s College, Adoor
 - January 2010 at K. G. College Pampady
 - December 2011 at Baselius College, Kottayam
12. SWOC analysis of the department and Future plans: **Upgradation of the Department with UG Course in Physical Education.**