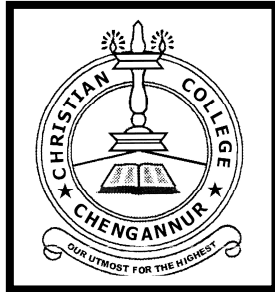


*Christian College
Chengannur*



ANNUAL QUALITY
ASSURANCE REPORT
(AQAR)

IQAC
CHRISTIAN COLLEGE
(Affiliated to the University of Kerala)
ANGADICAL SOUTH, CHENGANNUR
KERALA

2011-12

CHRISTIAN COLLEGE, CHENGANNUR

[ACCREDITED WITH B+ BY NAAC in 2005]

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

OF THE IQAC

FOR THE YEAR 2011-12

Introduction

Christian College, Chengannur, owned and managed by The Malankara Mar Thoma Syrian Church is affiliated to the University of Kerala. It was accredited by NAAC with a B+ in 2005. In the changing global scenario, the college has always focused on academic excellence, character formation, social commitment and search for truth so as to produce intellectually well-trained, morally upright, socially conscious and technology savvy youngsters. Every effort is made by the college to accomplish its ultimate motto “Our Utmost for the Highest”. The college has grown into a full-fledged temple of learning with graduate courses in Physics, Chemistry, Botany, Zoology, Mathematics, English, Economics, History and Post Graduate courses in Physics, Analytical Chemistry, Economics and English.

The College was active in various academic, research and extracurricular activities during the academic year 2011-12. Several national seminars, lectures, workshops and conferences were conducted during the reported year. During the year, four young faculty members joined the college. At present, members of the faculty from different Departments are actively engaged in research through minor research projects sanctioned by the UGC and many of them have published research papers in accredited journals. Many teachers attended and presented papers in National and International conferences. All the subject associations and various clubs were active in arranging various programmes during the year. Extension activities of NSS and NCC during the academic year were numerous.

PART A

Plan of Action for the Year 2011-12

The Intern Quality Assurance Cell of the College chalked out long term and short term action plans for ensuring continuous improvement in activities of the institution during 2011-12. The IQAC motivated and monitored various academic and non-academic activities during the year 2011-12 in the light of the long term and short term plan formulated. The IQAC committee discussed the action plan for the year at the beginning of the academic year based on the short term plans envisaged during the last year. A schedule was prepared for convening the Planning Board, Academic Committee, Research and Analysis Committee, Computer Education Committee, Library Advisory Committee, Career Guidance and Placement Cell, etc., and the recommendations of all the committees were consolidated by the IQAC into short term and long term work plans.

The constitution of the IQAC is detailed below:

Dr. Jacob George	: Principal & Chairman
Sri. Lalu Varghese	: Co-ordinator
Sri. K. M. Abraham	: Joint Co-ordinator
Sri. Mathew Varghese	: Head, Department of Economics
Dr. Achamma Alex	: Head, Department of English
Dr. Johnson Baby	: Head, Department of Zoology
Dr. Rajan David	: Department of Hindi
Dr. Desy P. Koruth	: Department of Chemistry
Sri. Sujesh Baby	: Department of Chemistry
Dr. Susan Abraham	: Department of Economics
Sri. Joji Cherian	: Management Representative
Prof. M. K. Thomas	: Management Representative
Sri. Alex T. George	: Office Superintendent

The plans evolved by the committee for the academic, co-curricular and research activities of the College during 2011-12 are listed below:

- Conduct of more national/regional level seminars by submitting proposals to UGC and other agencies
- Inspire faculty to undertake more research projects and publish research articles in peer reviewed journals
- Instigate teachers to participate in conferences and refresher courses
- Conduct seminars and lectures by Career Guidance and Placement Cell.
- Develop an eco-friendly and plastic-waste free campus
- Plant additional trees in the campus
- Enhance Botanical Garden.
- Complete construction work on Seminar Hall and Meditation Centre
- Shift Gymnasium to a larger area
- Enhance History Museum
- Renovate Student's Toilets and improve Canteen seating facilities
- Refurbish Principal's Room
- Paint the College Buildings
- Sprucing up Auditorium
- Undertake Aluminum Roofing of Main Building

Based on these plans, various activities and programmes were conducted during the report year. The committee evaluated the progress on a regular basis and comments and recommendations for further improvement were issued at various stages.

Achieved Outcome in a Nutshell

All Departments chalked out their plan of action for the year. IQAC carefully monitored the activities of all the Departments and Committees and provided all necessary support for further enhancement of quality.

- Members of the faculty and non-teaching staff offered voluntary services in guidance, counseling and placement, community services, social activities and related matters.
- Attendance of students was constantly monitored and Parent-Teacher-Student (PTS) meetings were organized on a class-wise basis. The Continuous Evaluation grades were also intimated to the parents.

- The sustained encouragement and guidance of IQAC has also resulted in the increased participation of students in extracurricular activities like debate, quiz, sports, elocutions, community development programmes organized by the college.
- The Library Advisory Committee members monitored the functioning of the library. The INFLIBNET facility attracted many students. The teaching and non-teaching faculties were also encouraged to use the facilities available in the library.
- Sports and Games received rejuvenation during the year. Various games and sports events were organized within the College on a house-wise basis.
- The efforts of IQAC to inspire the faculty members to undertake more research projects and publish research articles in peer reviewed journals reaped good results.
- Eight teachers published ten research papers in accredited national/international journals/books during the academic year.
- The participation of Teachers in national/international conferences also increased as a result of the continuous effort of the IQAC. Five teachers presented papers in international conferences and eight in national seminars. Seventeen other teachers participated in National and eight in international seminars/conferences/workshops.
- The principal and five Staff members attended an International Lecture Course on Science and Religious Beliefs held during 12-14 October, 2011 at Santhigiri Ashram, Aluva organised by the Mar Thoma Higher Education Commission in collaboration with the Faraday Institute of Science and Religion, Cambridge.
- The college conducted 5 National seminars and 3 State level seminars during the academic year with the sponsorship of University Grants Commission. The Seminar Proceedings were published.
- Regular teachers were appointed in place of guest lectures and all vacant posts of non-teaching staff were also filled.
- In consonance with the increased job opportunities available in the private sector and the severe competition among the job aspirants for finding jobs; the need for improvement of soft skills is important. In this regard the

Career Guidance and Placement Cell of the college functioned effectively and actively. The Placement Cell organized several campus interviews and 16 students got placement in various companies, banks and other firms. Several programmes like personality development, how to face interview boards, etc., were conducted during the year for the benefit of the students.

- The students were motivated to keep the campus eco-friendly. Seminars were organized related to these topics. This has been reflected in the planting of trees in the college campus, general cleanness of the campus, reduction in graffiti and quantity of plastic waste generated in the campus.

PART B

1. Activities Reflecting the Goals and Objectives of the Institution

All activities of the college are designed in tune with the motto of the college “Our Utmost for the Highest”. Since its inception, the college has existed as a beacon of light for aspiring students in and around Central Travancore which is surrounded by a population, the majority of whom are financially backward.

Some of the policies/objectives followed by the institution:

- Admission and Appointment policies are so formulated that merit is never overlooked.
- Computer training, Communicative English classes and personality development programmes were offered to students.
- No capitation fee other than University/Government fee is collected.
- Sports facilities are offered to students free of cost.
- Strengthening of healthy practices.

2. New Academic Programmes Initiated [UG and PG]

The college offers eight undergraduate courses (Physics, Chemistry, Zoology, Botany, Mathematics, English, Economics and History) and four postgraduate courses (Physics, Analytical Chemistry, English and Economics).

Affiliation to the University of Kerala and sanction of the State Government is necessary for starting new courses. The college applied for two new UG and two PG courses in 2011-12. Though the University sanctioned one of the programmes, Government approval is still pending. To fill the gap in the curricula, the institution introduced five certificate and eleven add-on courses to increase competency of students in the job market (Internet utilities, Desktop Publishing, Microsoft Office, Photoshop, C-Programming, Yoga and Meditation, Soap Making, Mushroom Cultivation, Aquarium Construction, Museology, Biodiversity Management, Information Retrieval from Library Resources, MS Word, MS Power Point, MS Excel and Soft Skills).

3. Innovations in Curricular Design and Transaction.

The college follows the syllabi and the curriculum formulated by the University of Kerala. CBCSS was introduced for UG students with effect from the academic year 2010-11 onwards. In addition to the Core and Complimentary courses offered, an open course is mandatory for all the students during the fifth semester of their program. With this, students have the option to choose an open course of their choice. Under this scheme, a student can opt for an open course offered by any department other than his/her parent department. The college offers nine such open courses which include energy physics, pharmaceuticals, horticulture, public health and hygiene, communicative applications in English, history of human rights movement, human resource management, health and fitness education. Three hours are allotted per week for the course and it carries a credit of two. A student can choose an open course offered by any department other than his/her parent department. Courses not taught in the college can also be opted as open courses. Other than the nine courses offered by the College, the University of Kerala offers other open courses listed on its website, for which the student can opt for, if so desired by them. Dr. Achamma Alex, of the Departments of English served as a member of the Board of Studies (English).

Several teachers participated in workshops conducted by the University for Curriculum Design.

4. Inter Disciplinary Programmes Started

Interdisciplinary subjects like Mathematics with Computer Applications, Physics with Computer Applications are also available to the students. New developments in the field of Nuclear Physics, Nano Technology, Materials Science and DNA manipulations are incorporated in the modified syllabus. In the revised curriculum for Botany, Zoology, Physics, Chemistry and Economics, Environmental studies are included. The thin film coating and high temperature furnace facilities of the Research Lab of the Department of Physics are also used by many students of the Department of Chemistry of this College. Many students and faculty members from nearby colleges also utilize these instruments for sample preparations.

5. Examination Reforms Implemented.

The College has an Examination Committee consisting of senior faculty members. In addition to this, every Department has its own examination committee under the leadership of the respective Heads of the Department. This committee works in conjunction with the College Examination Committee. In the reported year, the committee continued the two-tier examination system - a series of tests organized by the concerned Department and terminal examinations by the college - for the final batch of annual scheme students. Continuous Evaluation (CE) was conducted for the CBCSS students. Two internal examinations were organised by the College for each semester. CE Results and student attendance were monitored and conveyed to parents. Two PTS meetings each, were organized for all the classes during the academic year in which the general progress and behavior of the students were discussed. Feedbacks collected from the parents were consolidated and evaluated by respective Departments.

6. Candidates Qualified NET/ GATE/SET etc.

Post graduate students are encouraged to appear for NET, SET and other competitive examinations. Four students qualified for JRF/CSIR/NET and twelve for SET during 2011-12.

7. Initiative Towards Faculty Development Programme

Three faculty members of the college were granted FDP scheme of the University Grants Commission during the XI plan. Hysen Thomas [Physics]

and Jisha John [Economics] are continuing their research, utilizing the FDP scheme. A. Abraham rejoined duty on completion of his P.hD. work. He is expected to submit his thesis shortly. In addition, Preetha Karnavar [Zoology] has been accepted under FDP for pursuing Ph.D. She is in the process of completing the administrative formalities. Nine members of the faculty are utilizing the college infrastructural facilities for part-time research work.

8. Total Number of Seminars/ Workshops Conducted.

A. Seminars Organized by Departments and the College

The college conducted five National seminars, one National Workshop and 2 state level seminars during the academic year with the sponsorship of University Grants Commission.

1. A State level Seminar on 'Kadhakali-Text and Theatre-the Classic performing Art form of Kerala' was organized by the Department of Malayalam sponsored by UGC during 29-30 July 2011. Dr. Mankulam Krishnan Nampoothiri inaugurated the seminar. Dr. V.V. Prasad, Smt. Bindu Sanil, Dr. P. Venugopalan and Dr. Harish Chandran Achary were the invited speakers. Kathakali was staged by the Ampalapuzha Sandarsan Kathakali Vidhyalaya under the leadership of Kalamandalam Shanmukhan, Kalamandalam Vijayakumar, Kalamandalam Vinod and Pathiyoor Sankarankutty
2. A National Seminar on 'Current Trends in Materials Science' was organized by the Department of Physics sponsored by UGC and KSCSTE during 4-6 August 2011. Dr. R. Dhanasekharan, former Director, Crystal Growth Centre, Anna University inaugurated the seminar. Dr. M. R. Anantharaman, Dr. K. P. Vijayakumar, Dr. N.V. Unnikrishnan, Dr. Mohana Chandran Dr. George Varghese, Sri. K.G. Madhu, Dr. C. Sudha Kartha and Dr. Rachel Oommen were the invited speakers. Proceedings of the seminar was released during the inaugural session.
3. A National Seminar on 'Emerging Trends in Biodiversity Conservation and Sustainable Management' was organized by the Department of Zoology sponsored by UGC, KSCSTE and KSBB during 25-26 August 2011. Dr. R.V. Varma, Chairman, Kerala State Biodiversity Board inaugurated the seminar.

Dr. S. Balaravi, Dr. Priyadarshanan Dharmarajan, Dr. A. Bijukumar, Dr. Sanil George and Dr. P.S. Easa were the invited speakers. Proceedings of the seminar and DVD were released during the inaugural session.

4. A National Seminar on 'Deconstructing Foundations: Post Modern Perspectives in Writing' was organized by the Department of English sponsored by UGC during 1-2 September 2011. Rt. Rev. Dr. Thomas Samuel Bishop inaugurated the seminar. Dr. Murali Sivaramakrishnan, Dr. Jameela Beegum, Dr. V.B Vinod were the invited speakers.
5. A National Seminar on 'Protection of Human Rights in Kerala' was organized by the Department of History sponsored by UGC during 23-24 September 2011. Sri. B. R. P. Bhasker, Senior Journalist inaugurated the seminar. Prof. Patricia Jungo (University of Heidelberg, Germany), Dr. T. P. Sankarankutty Nair, Sri. C. R. Neelakandan, Dr. Asha Bhanu and Sri. Varghese C. Thomas were the invited speakers. Dr. Varghese George, Sri. Raju Abraham M. L. A, Advocate K. Sivadasan Nair M.L.A and Prof. K. A. George led the panel discussion on the "Role of Administrative Machinery in the Protection of Human Rights".
6. A State level Seminar on 'Theoretical Chemistry' was organized by the Department of Chemistry sponsored by UGC and KSCSTE during 29-30 September 2011. Dr. K. N. Rajasekharan inaugurated the seminar. Dr. Abraham George, Dr. A. Salahuddin Kunju and Dr. G. Krishnan delivered lecturers.
7. A National Workshop on Vembanad Wetland conservation was conducted on 2nd February 2012, the International Wet Day under the auspices of Pampa Parirakshana Samithy and the Department of Zoology with the sponsorship of the Directorate of Environment and Climate Change and KSCSTE. Dr Varghese George, Chairman, Kerala State Plantation Corporation inaugurated the Seminar. Prof. M.V.S. Nampoothiry, Sri. V.M. Madavankutty Nair, Dr. Varghese Mathew, Dr. N. Unnikrishnan, Dr. Susan Abraham and Sri. N.K. Sukumaran Nair presented papers.
8. A State level Seminar on "Human rights in India: Contemporary Concerns" organized by the Department of Political Science in collaboration with the Department of History, Economics and English was held during 1-2 March 2012 under the sponsorship of UGC. Sri. R. Natarajan, Member, Kerala State Human Rights Commission and retired District and Sessions Judge inaugurated the seminar. Prof. Madavana

Balakrishna Pillai, Director, Department of Communication and Journalism, Mahatma Gandhi University gave the keynote address. Dr. Sebastian Paul Ex. M. P., Dr. Shajimon K. Mathews and Prof. Pylokutty George gave invited talks. The Proceedings of the seminar was released by Prof. Madavana Balakrishna Pillai.

B. Other Seminars

- a. Science Day celebrations were held on 21st February 2012 under the sponsorship of KSCSTE. Dr. P. J. Jojo gave the keynote on the Focal theme “Clean Energy Options and Nuclear Safety”. Quiz competition, Essay competition and power point presentation competition were also held in connection with the celebration.
- b. Dr. M. P. Rajan IISER, Thiruvananthapuram delivered a talk on the “Role of Mathematicians in the Modern World” in the seminar organized by the Department of Mathematics on 6th January 2012.
- c. A talk on “Quantum Non locality and Bell Inequality” was delivered by Dr. Moncy V. John on 13th January 2012 in the seminar organized under the auspices of Physics Association.
- d. Prof. Susan George delivered a talk on the ‘Values of Education’ in the seminar organized by the Botany Association on 5th January 2012.
- e. World Heart Day was observed on 29th September 2011 under the auspices of the Department of Zoology. Dr. V. Harikumar delivered a talk on “Essentials on Preventing Cardio Vascular Diseases”.
- f. As a part of Gandhi Jayanthi celebrations a quiz competition on the subject “Gandhiji and independent movement” was conducted by the Department of Zoology on 3rd October 2011. A cleaning programme was also organised.
- g. Dr. Joseph Mathai delivered a talk on “Bat Biodiversity and Conservation” on 19th August 2011 in connection with the celebration of the International Year of Bats by the Zoology Association.
- h. A one day workshop on “Vegetative Propagation of Mushroom Cultivation’ was organized for the final year B.Sc. Botany main students at Krishi Vijan Kendra Thelliyoor on 4th November 2011.

C. Other Programmes Organized During 2011-12

- a. The activities S. C. M. for 2011-2012 was inaugurated by Smt. Daya Bhai on 26th July, 2011. Most Rev. Dr. Geevarghese Mar Coorilose Metropolitan presided over the meeting.
- b. The college-wise celebration of the International Year of Chemistry was inaugurated on 18th August, 2011 by Prof. R.R.C. Varma in the meeting organized by the Department of Chemistry. A consortium of eight colleges headed by Bishop Moore College, Mavelikkara was constituted to arrange lectures in High Schools and Higher Secondary Schools to popularize Chemistry and three teachers of the Department of Chemistry gave lectures in nine Schools.
- c. A debate competition was organized on 8th September 2011 by the Department of Zoology in connection with the Wild Week Celebrations on the topic "Man-Animal Conflict in Kerala". A documentary on Kudremukh National Park was also screened on the same day.
- d. The entire College organised a protest rally in support of the Mullaperiyar agitation. A team consisting of 3 teachers and 50 students visited Chappat, the site of the Mulaperiyar Samara Samidhi hungar stike.
- e. The Library Day was observed on in the College. As part of the event, a library quiz programme was organised and a Best Reader was selected
- f. The Women's Study Unit of the College celebrated International Women's Day by organizing various completions and conducting a talk by Dr. Rosamma Phillip, Mount Tabmore College of Education on 'The Value of Leading a Dignified Life' on 8th March, 2012.
- g. A Department-wise Christmas Carol competition was held on 15th December, 2011 and students of the Department of Physics won first prize. Christmas Carol Service of the College was held on 22nd December, 2011. Most Rev. Dr. Philipose Mar Chrysostom Mar Thoma Valiya Metropolitan delivered the Christmas message.
- h. Post Graduate Students of the Department of English conducted classes for the students of Relief Govt. L. P. School, Chengannur in connection with the outreach programme of the College. On 21st December, 2011, a Christmas celebration was arranged at the School and learning materials and sweets were distributed to them.

- i. The History Association organized a Quiz competition and paper presentation competition on 'Indian History and Culture' on 19th January 2012. A total of 19 teams participated in the quiz competition and 4 in the paper presentation competition.
- j. Part of observing 25th January, 2012 as National Voter's day, the students of the college took the National Voter's day pledge.
- k. A campus cleaning drive was organised as part of the Gandhi Jayanthi celebration on 2nd, October, 2011.
- l. Intercollegiate Quiz and Paper Presentation competitions were organized by the Department of Economics on 27th January 2011. Many colleges participated. Trophies and cash prizes were distributed to the winners.
- m. The College hosted the following programmes:
 - Inter-School Central Travancore Sahodaya Complex Cricket Tournament 2011 during 26-27, November and 3-4 December, 2011.
 - Children's Day Celebrations of Y's Men's Club of Chengannur on 12th November, 2011.
 - League competitions of Alappuzha District Cricket Association on 16-17, 23-24 July 2011, and 06- 07 August 2011.
 - Sports Competitions of Chengannur Municipal Council in connection "Keralothsavam' on 18th December 2011.
 - Family Meet of Chengannur – Mavelikkara Diocese of Malankara Mar Thoma Syrian Church.
- n. The non teaching staff association conducted a tour to Ramakkalmedu on 13th December 2011.
- o. English Literature students distributed food packets to the needy patients of Government Hospital, Chengannur on 19th December 2011.

9. Research Projects

A. Newly Implemented:

- Dr. Rani Abraham & Dr. Desy P. Koruthu, Department of Chemistry have received a major project entitled 'Metallic Nanoparticles: Biogenic Synthesis and their Catalytic and Antimicrobial Applications amounting to Rs.10,73,800/- sanctioned by the U.G.C.

- Dr. Jayakrishnan, Department of Physics has received a major project entitled 'Investigation of CuO/Ins Solar Cells Using STM' amounting to Rs.5,45,000/- sanctioned by the U.G.C.

B. Completed:

- a. Prof. Thomas Alex, Department of Botany has completed his minor research project entitled "*Studies on Nutritional Requirement and Improvement of Techniques on Commercial Cultivation of Oyster Mushrooms (Pleurotus SPP)*" amounting to Rs.95,000/- sanctioned by the U.G.C.
- b. Prof. Lalu Varghese, Department of Economics has completed his minor research project entitled "*The Social and Economic Implications of Alternative Dispute Resolution (ADR) System: A Case Study of Cheriyanad Grama Panchayath*" amounting to Rs.75,000/- sanctioned by the U.G.C.
- c. Prof. K. M. Abraham, Department of History has completed his minor research project entitled "*Treatment of Political Prisoners in the Princely state of Cochin during 1935- 1941*" amounting to Rs.70,000/- sanctioned by the U.G.C.
- d. Dr. Johnson Baby, Department of Zoology has completed his minor research project entitled "*Struss Responses in the Teleost, Anavas Testudineus (Bloch) Exposed to Endocrine Distruptors*" amounting to Rs.1, 10,000/- sanctioned by the U.G.C.
- e. Dr. Ligi Cherian, Department of Physics has completed her minor research project entitled "*Spatio-Temporal Resolution of Geomagnetic and Interplanetary Field Compodence*" amounting to Rs.1,26,000/- sanctioned by the U.G.C.
- f. Prof. Ruby Mathew, Department of Physical Education has completed her minor research project entitled "*The Effects of Guided Systematic Aerobic Dance Programme on the Self Esteem of Female College Students*" amounting to Rs.70,000/- sanctioned by the U.G.C.
- g. Dr. Vinoy Thomas, Department of Physics has completed his minor research project entitled "*Preparation, Characterization and realization of Bismuth Based Optical Devises*" amounting to Rs.55,000/- sanctioned by the U.G.C.

- h. Prof. Shalini Rachel Varghese, Department of English has completed her minor research project entitled "*Attempting Environmental Justice – the Literature and Language of Sustainable Living*" amounting to Rs.50,000/- sanctioned by the U.G.C.
- i. Prof. John George Athyal, Department of English has completed his minor research project entitled "*Effectiveness of Models of Teaching and Lecture Method in teaching English at the Higher Secondary Level*" amounting to Rs.1,05,000/- sanctioned by the U.G.C..
- j. Dr. Biju Thomas, Department of Politics has completed his minor research project entitled "*Trends in Russians Foreign Policy and Strategic Relation with India and China*" amounting to Rs.45,000/- sanctioned by the U.G.C.
- k. Prof. Annies Joseph, Department of Zoology has completed her minor research project entitled "*Modulatory Effect of Ambient Minerals on the Anti Oxidative Defense Responses in Shrimps*" amounting to Rs.1,80,000/- sanctioned by the U.G.C.
- l. Prof. Preetha Karnaver, Department of Zoology has completed her minor research project entitled "*Taxonomy and Diversity of Gastropods (Mollusca: Gastropoda) of Kerala Coast*" amounting to Rs.1,20,000/- sanctioned by the U.G.C.
- m. Prof. Tresa Mary Chacko, Department of Mathematics has completed her minor research project entitled "*Analysis of Certain Priority Queuing Systems*" amounting to Rs.75,000/- sanctioned by the U.G.C.

10. Patents Generated if Any:

Nil

11. New Collaborative Research Program

Nil

12. Research Grants Received from Various Agencies

In addition to the developmental grants of Rs. 57.90 lakhs, additional assistance of Rs. 25 lakhs, PG grant of Rs. 10 lakhs and other grants of Rs. 4 lakhs sanctioned by the UGC during 2010-11, Rs. 5.8 lakhs was sanctioned as PG grant, Rs 4.8 lakhs as Scholarship Grant for SC/ST/OBC/Minorities and Rs. 40 lakhs as grant for the construction of indoor stadium during 2011-12. Rs. 6.2 lakhs was also sanctioned by UGC for the conduct of six National Seminars/Workshops.

13. Details of Research Scholars and Research Activities

Research Activities

- a. Dr. Rani Abraham, Department of Chemistry is continuing her major research project entitled “Development of Low Cost Adsorbents and Catalysts from Waste Biomass Fly Ash” amounting to Rs.12,30,000/- sanctioned by the DST.
- b. Prof. Thomas P. Thomas, Department of Botany is continuing his minor research project entitled “*Phytochemical Studies of Medicinally Useful Alkaloids and Steroids in Selected Species of Solanaceae*” amounting to Rs.1,40,000/- sanctioned by the U.G.C.
- c. Dr. Jyothi Kanchan A. S., Department of Botany is continuing his minor research project entitled “*Cytotoxic Studies of Soluble Proteins from Edible Mushrooms of Kerala on Allium Cepal*” amounting to Rs.1,40,000/- sanctioned by the U.G.C.
- d. Prof. Koshy Mathai, Department of History is continuing his minor research project entitled *Role of Poikayil Sree Kumara Gurudevan in the Upliftment of the Backward Class*” amounting to Rs.65,000/- sanctioned by the U.G.C.
- e. Dr. Abhilash R., Department of Zoology is continuing his minor research project entitled “*Tissue Specific Oxidative Stress Biomarkers in Teleost Fish Exposed to Paraquat*” amounting to Rs.1, 20,000/- sanctioned by the U.G.C.
- f. Prof. A. Abraham, Department of Physics, rejoined duty in the college after completing his Ph.D. studies under Faculty Development Programme.
- g. Mrs. Jisha John, Department of Economics and Hysen Thomas Department of Physics are continuing their Ph.D. studies under the Faculty Development Programme of the UGC XIth plan.
- h. Nine other teachers are doing part time research.

Students Research Projects

Students of the following teachers received projects from Kerala State Council for Science, Technology & Environment, Government of Kerala during the academic year.

1. Dr. Desy P. Koruthu, Department of Chemistry Rs. 10,000/-
2. Dr. Rani Abraham, Department of Chemistry Rs. 10,000/-
3. Dr. R. Jayakrishnan, Department of Physics Rs. 9,500/-

14. Publication of Faculty Members in Peer Reviewed Journals

- *Dr. R. Jayakrishnan*, Department of Physics, published a book on 'Photoconductivity for Beginners', LAP, Lambert Academic Press, 2012.
- Ten papers published at the National Seminar on 'Current Trends in Materials Science' organized by the Department of Physics were accepted for publication by IOP Conference Series Journal Material Science and Engineering, London
- The following 8 teachers published 10 research papers in accredited national/international journals/books during the academic year.

a. Molic Thomas (Chemistry)

"Effect of Benzothiazoloyl thiazoles as Secondary Accelerators in the Sulfer Vulcanization of natural rubber" *Rubber Chemistry & Technology* 84, 88 (2011)

b. Dr. Sophia K. Philip (Chemistry)

"Ecofriendly Synthesis of Novel Benzo-1, 2, 3- triazol-1-yl-(N-aryl) amidines and their conversion to Guanidines" *Syntetic Communications*, 41:1593-1602 (2011)

c. Dr. Desy P. Koruthu & Dr. Rani Abraham (Chemistry)

"Antibacterial evaluation, reducing power assay and phytochemical screening of Moringo oleifera leaf extracts: Effect of solvent Polarity" *International Journal of Pharmaceutical Science and Research* 2(11): 2991-2995 (2011)

d. Mr. Hysen Thomas (Physics)

"Self-assembly of CuSO₄ nanoparticles and bending multi-wall carbon nanotubes on few layer grapheme surfaces", *Appl. Phys. A*, 105, 469-477(2011)

"Nanobubbles stability na multiwall carbon nanotubes straightening on few layer grapheme surfaces" *J. Appl. Phys.*, 110, 044319 (2011)

e. Dr. R. Jayakrishnan (Physics)

“Bias Voltage Controlled Photoluminescence from β - In 2S3 Thin Films”, *Materials Science in Semiconductor Processing*, 14, 58-61 (2011)

“Correlation between Solar Cell Efficiency and Minority Carrier Life Time for Batch Processed Multi-crystalline Si Wafers”, *Materials Science in Semiconductor Processing*, 14, 223-228 (2011)

f. *Dr. R. Abhilash (Zoology)*

“Evaluation of Thiodan Induced Changes in Total Protein and Acetylcholinesterase in the Brain of *Oreochromis mossambicus*” *The Ecoscan*, 14(2), 2012 (article in press)

g. *Leena Liz Mathew (English)*

“The Trauma of Migration in Meena Alexander’s Fault Lines” *English Activities Update*, 1, 1(2011)

h. *Dr. Tiju Joseph Mathew (Physics)*

"Vertical Shear at the equatorial F-region ionosphere during post sunset hours" *Advances in Space Research*, (article in press).

Presentation of Research papers in International/National/ Conferences/ Workshops

a. **Dr. Achamma Alex** (English) has presented a paper titled “Vampire Myths: Offering Resistance to the Dominant Culture” in the International seminar held during 2-4 November 2011 in the Department of Germanic Romance Studies at the University of London.

b. **Prof. K. M. Abraham** (History) presented a paper “The Role of the Raja in establishing Portuguese power in Cochin” in the National Seminar held at St. Cyril’s College, Adoor during 11-12 October 2011.

c. **Dr. Vinoy Thomas** (Physics) presented a paper “Surface Plasmon Studies of Silver Nanoparticles on Silica Matrix” at the National Seminar on Physical and Bio-medical applications in Nanotechnology organized by the Department of Physics S. N. College, Kollam during 12-14 October 2011.

d. **Prof. Shalini Rachel Varghese** (English) has presented a paper titled “Canonisation of ‘The Other’-The case of Nalini Jameela’s *The Autobiography of a Sex worker* and Mukthar Mai’s *In the name of Honour*” in the National Seminar held at St. Thomas College Kozhencherry on 27-28 September 2011.

e. **Prof. Nirmala Varghese** (English) has presented a paper “A Journey into the Unknown: a Reading of Amitav Ghosh’s *Sea of Poppies*” in the national

seminar held at TKMM College, Nangiarkulangara during 22-23 August 2011. She also presented a paper on “Hegemonic Oppression in Mahaswetha Devi’s *Breast Stories*” in the International Conference conducted at Catholicate College, Pathanamthitta during 23-24 January 2012.

f. **Prof. Alka E. Varghese** (Botony) presented a paper entitled “Biodiversity of the Flora in the Christian College campus, Chengannur at the National Seminar organized by V. T. M. N. S. S. College, Dhanuvachapuram during 23-24 November 2011.

g. **Prof. Koshy Mathai** (History) presented a paper “Role of Portuguese in Creating Communal Disharmony in Kerala” in the National Seminar held at St. Cyril’s College, Adoor during 11-12 October 2011.

h. **Dr. R. Jayakrishnan** (Physics) presented a paper on “Current Trends in Photovoltaics: Technology and Applications” at the National Seminar on Emerging Trends in Optoelectronic and Solar Energy Nanomaterials, sponsored by the UGC organized by Pazhashi Raja College, Mattannoor during 23-24 September 2011.

He also presented another paper entitled “Nanotechnology for Solar cells” at the UGC sponsored National Seminar organized by St. Thomas College, Kozhencherry on 6th January 2012.

i. **Dr. R. Abhilash** (Zoology) presented a paper in the International conference on Climate Change, forest Resources and Environment entitled “Evaluation of Thiodan Induced Changes in Total Protein and Acetylcholinesterase in the Brain of *Oreochromis Mossambicus* during 9-11 December 2011.

He also presented another paper titled “Effect of Thiodan on Antioxidant Enzymes and Lipid Peroxidation in the Gill of *Oreochromis Mossambicus*” in the National Seminar on Faunal Biodiversity and Endemism of Southern Western Ghats held at N. S. S. College, Pandalam during 17-19, January 2012.

j. **Prof. Sujesh Baby** (Chemistry) presented a paper entitled “Phthalate rich water soluble and photo luminescent zinc (II) Coordination polymers with anionic skeletal framework and un precedented structural features” at the international Seminar on ‘Modern Trends in Inorganic Chemistry’ at Central University, Hyderabad during 10-12 December 2011.

- k. **Dr. Anej Somaraj** (English) has presented a paper “Satellite TV: The Crystal Ball that opened New Narratives of Reality” in the National seminar held at All Saints Colletge, Thiruvananthapuram during 18 -19 August 2011. He also presented a paper “The Unchanging Worlds of Simulacras” in the international seminar conducted at Catholicate College, Pathanamthitta during 23-24 January 2012.
- l. **Rani Abraham**, Desy P. Koruthu and Manju P.V, “Coleus Aromaticus plant extract mediated green synthesis of silver nano particles and their antibacterial activity” in the Proceedings of National Seminar held” at Mar Thoma College, Tiruvalla, 2012.
- m. **Desy P.Koruthu, Rani Abraham** “Green Synthesis of silver nanoparticles using Moringa oleifera leaf extract and evaluation of their antimicrobial activities” in the Proceedings of National Seminar METROC at Baselius College,Kottayam ,2012.
- n. **Rani Abraham**, Desy P. Koruthu, “Nanoparticles of magnetite in biomass waste ash: Characterisation by SEM-EDX, XRD and FTIR” in the Proceedings of CTMS-2011, held at Christian college, Chengannur. August 2011

Seventeen other teachers participated in national and eight teachers in international seminars/ conferences/workshops. The Principal and five members of the faculty attended an International Lecture Course on ‘Science and Religious Believes’ held during 12-14 October, 2011 at Santhigiri Ashram, Aluva organised by the Mar Thoma Higher Education Commission in collaboration with the Faraday Institute of Science and Religion, Cambridge.

15. Honours/Awards to the Faculty/University & Govt. Responsibilities

1. Prof. Molic Thomas, Chairperson, Education Standing Committee of the Chengannur Municipality
2. Dr. Achamma Alex, Member BOS, University of Kerala
3. Dr. Jaykrishnan, Summer Teacher’s Research Fellowship, INSA, Madras
4. Prof. Lalu Varghese, Convenor, Mal-practice Prevention Squad, University of Kerala

16. Internal Resources Generated

The day to day expenses related to the running of the college is met from the generous contribution of Parent Teacher Association (PTA), Alumni and well wishers. The Management also provides financial assistance whenever the need arises. The entire amount so received was utilized for enhancing the quality of services offered.

Sl. No.	Source	Amount
1	Parent Teacher Association	43,18,195.00
2	Alumni	15,000.00
3	Faculty and Staff	4,44,705.91
4	Miscellaneous	1,29,949.00
	TOTAL	

17. Details of Departments getting SAP, COSIST (ASSIST)/DST, FIST, etc., assistance/recognition.

The Department of Physics was sanctioned Rs. 24 lakhs as financial assistance from the Ministry of Science and Technology, Government of India for upgrading the postgraduate teaching and research facilities. The Department received Rs. 18 lakhs as the first allocation and Rs. 1.5 lakh as the second allocation. The third installment is still awaited.

18. Community Services.

The community service of the institution may be classified under these heads:

1. Activities of NSS
2. Activities of NCC
3. Services offered by individual teachers
4. Programmes organized by the College.
5. Programmes organized by Departments.
6. Activities of the College Union.

National Service Scheme & Red Ribbon Club

The College has two National Service Scheme units. The activities for the year 2011-12 started with an orientation programme for the new volunteers on 13th August, 2011. NSS Trainers Smt. Ashi Sara Oommen and Smt. Raji R. led the orientation programme. Onam was celebrated in a befitting manner. Athapukkalam and Onappattu competitions were held and prizes were distributed to the winners. NSS Volunteers in association with the Red Ribbon Club has conducted a one day blood grouping campaign and the directory of blood group of all the students and staff members was updated. The volunteers donate blood to various hospitals as and when need arises. Twenty nine volunteers donated blood this year. A seminar of the topic “donate blood and save life” was conducted on 10th October, 2011. Dr. Suma Ann Ninan and Sri. Thomas Mathew led different sessions. A Diabetic Walk Campaign was organised on 3rd November, 2011 from Chengannur to Pandanad in connection with the ‘World Diabetes Day’. Christian College NSS volunteers actively participated in the campaign, walking for close to 8 kms along with the Campaigners. World Environment Day, Independence Day, Red Ribbon Day, NSS Day and National Integration Day were also observed in a befitting manner.

Annual seven day camp of the National Service Scheme was held at Govt. VHSS, Mulakkuzha from December 26, 2011 to January 1, 2012 with camp theme ‘Healthy Youth for Healthy India’. Sixty two volunteers and the two programme officers participated. The camp was inaugurated by Sri. P.C. Vishnunath M.L.A. An Ayurvedic Medical Camp and free medicine distribution was conducted on 30th December, 2011 in association with NSS Ayurvedic Hospital, Aranmula. Volunteers conducted a socio economic survey of ward III and ward IV of Mulakkuzha Grama Panchayath and the findings were handed over to the Grama Panchayath for their perusal and appropriate actions. The Gender Sensitization Workshop on 25th November, 2011 gave students an opportunity to express their understanding of gender and identified the issues around gender affecting their societies. A legal awareness seminar with special emphasis on the laws relating to protection of the Elderly was organized in Valiapampu colony. Adv. Roy Philip led the session. The volunteers visited

'Snehadhara'-the home for mentally challenged children and 'Saranalayam'-the home for the aged. A Legal awareness class was also arranged on 11th January, 2012 under the auspice of NSS. Chengannur Taluk Legal Service Authority provided help by giving legal expert in leading the class. Renowned Adv. Dileep Kumar led the session.

Biji Abraham and Dr. Abhilash R. served as the Programme officers.

National Cadet Corps

The total strength of the NCC unit is 50. Apart from the regular parades on Saturdays, cadets attended annual training camps. Fifteen cadets participated in the 10 day annual camp held at Parumala and five at Pandalam. A mini camp was organized at the college during 26 – 27 November, 2011 and provided weapon training to all the cadets of our college and the cadets of S. N. College, Ala.

Cadets participated in the marathon organized in connection with the National Youth Day on 12th January, 2012. In connection with the NCC Day, cadets visited an old age home in Chengannur and listened to the concerns of the inmates and distributed sweets. The cadets helped in cleaning the premises of the old age home also. This year 10 NCC cadets passed the C certificate examination and 16 cadets passed the B certificate examination. Another 13 cadets appeared for B certificate examination and 11 for C certificate examination and are awaiting the results. Jithin Babu, Under Officer participated in the All India Trucking camp held at Malayattoor from 23.12.2011 to 05.01.2012 and Jishnu Raveendran, Sergeant participated the National Integrated camp held at Moovattupuzha from 23.12.2011 to 03.01.2012.

On the Republic Day 2012, Rt. Rev. Geevarghese Mar Athnatius Episcopa hoisted the national flag and gave the Republic Day message. Rt. Rev. Dr. Zacharias Mar Theophilus Suffragan Metropolitan, Manager of the college also attended the ceremony.

Hareesh S. served as the Senior Under Officer. Lt. Dr. Biju Thomas is serving as the NCC Officer.

Programmes Organized by the College

The College organised a Mullaperiyar Solidarity Rally, on 8th December, 2011, in response to the social commitment the College has towards society. A team of 3 teachers and 30 volunteers also took part in the protest at Karinkulam

Chappathu in Idukki district, near the Dam site. A discussion on the topic “Anna Hazare’s Movement and Indian Democracy was organised in the College on 15th December, 2011 by "Youth & Truth" , a Talk Show by Power vision TV channel.

Programmes Organized by Departments

- The college-wise celebration of the International Year of Chemistry was inaugurated on 18th August 2011 by Prof. R. R. C. Varma in the meeting organized by the Department of Chemistry. A consortium of eight colleges headed by Bishop Moore College, Mavelikkara was constituted to arrange lectures in High Schools and Higher Secondary Schools to popularize Chemistry and three teachers of the Department of Chemistry gave lectures in nine Schools.
- A debate competition was organized on 8th September 2011 by the Department of Zoology in connection with the Wild Week Celebrations on the topic “Man-Animal Conflict in Kerala”. A documentary on Kudremukh National Park was also screened on the same day.
- Post Graduate Students of the Department of English conducted classes for the students of Relief Govt. L. P. School, Chengannur in connection with the outreach programme of the College. On 21st December, a Christmas celebration was arranged at the School and learning materials and sweets were distributed to them.
- The History Association organized a Quiz competition and paper presentation competition on ‘Indian History and Culture’ on 19th January 2012. A total of 19 teams participated in the quiz competition and 4 in the paper presentation competition.
- Intercollegiate Quiz and Paper Presentation competitions were organized by the Department of Economics on 27th January 2011. Many colleges participated. Trophies and cash prizes were distributed to the winners.

College Union

College Union elections were conducted peacefully on 14.10.2011 and the office bearers took oath on 15th November, 2011. The inauguration of the College Union and Arts club was held on 23rd November 2011. Cartoonist Adv. S. Jithesh inaugurated the activities of the College Union and Vodafone

comedy star fame Sri. Ullas Pandalam inaugurated the activities of Arts Club for the academic year 2011-2012. Union Chairman, Ajai Jobin Cherian presided over the function. Arts Festival was conducted on 10th February 2012. Dr. Rajan David served as the Staff Advisor to the College Union and Arts Club.

19. Teachers and Officers Newly Recruited

Dr. Tiju Joseph Mathew (Physics), Dr. Teena Liz Luke (Chemistry), Dr. Anej Somaraj (English) and Mrs. Jolly Alex (English) were appointed as Assistant Professors and Mr. Liju Samuel, Mrs. Mercy Thankamma, Mr. Sunil Samuel and Mr. Sunil T. were appointed as Last Grade Servants against regular vacancies during the academic year.

20. Teaching and Non-Teaching Staff Ratio.

The present strength of the faculty members of the college is 56 including 2 Substitute Lecturers and 3 Guest Lectures. There are 33 members as non-teaching staff including 3 guest staff.

21. Improvement in Library Services

The library at present has a collection of 26600 volumes including text books and bound periodicals. It subscribes 70 periodicals and twenty journals. The library is fully automated and it offers Online Public Access Catalogue. Bar coded ID cards are also issued. INFLIBNET N-list facility is also provided. With this facility the college community can access 51,000 e-books and 2100 e-journals. More students and faculty are requested to avail this facility. Six computers with internet search facility, duplex Photostat machine and 5 kVA UPS facility is provided in the library. All old and damaged book were rebound and revalued.

22. New Books/Journals Subscribed and their Value

In addition to the existing stock of books, an amount of Rs. 5,26,429/- was spent on procuring Books and Journals during the academic year. Books of different subjects were purchased as per the decision of the Planning Board.

List of Journals Subscribed and their Value

1. Economic and Political Weekly	: Rs. 3000.00
2. Corporate Environment	: Rs. 2800.00
3. National Geographic	: Rs. 2375.00
4. India Green File	: Rs. 1750.00
5. South Asia Green File	: Rs. 1750.00
6. Current Science	: Rs. 1500.00
7. Pramana	: Rs. 750.00
8. Employment News	: Rs. 700.00
9. Electronics for You	: Rs. 500.00
10. Resonance	: Rs. 500.00
11. Down to Earth	: Rs. 480.00
12. Journal of Material Science	: Rs. 400.00
13. Journal of Bioscience	: Rs. 400.00
14. Journal of Chemical Science	: Rs. 400.00
15. Journal of Earth Science	: Rs. 400.00
16. Sadhana	: Rs. 400.00
17. Journal of Astrophysics	: Rs. 300.00
18. Journal of Genetics	: Rs. 300.00

23. Courses in which student assessment of teachers were introduced and the action taken on student feed back

The college is following a system of general feedback collected through printed questionnaires. The data was consolidated and was used for formulating future plans and making changes in existing practices. The data was made available to all the faculty members and suitable measures for improvements were suggested.

24. Unit Cost of Education in Rupees

Undergraduate students hailing from families having an income less than Rs.25,000/- per year and PG students from families having an income less than Rs.42,000/- per year are eligible for fees concession as per the Kumara Pillai Commission Report. They have to remit only the caution deposit which is reimbursed as and when the student leaves the

institution. SC/ST students are also exempted from the payment of fees. They receive a lump sum grant and monthly allowances which amounts to Rs. 4000/- per year.

Since Christian College Chengannur is a Government aided college, the salary of teaching and non teaching staff is provided by the Government of Kerala. All other expenses related to the operation of the college are provided by the management with the help of parent teacher association, alumni, well wishers etc. The cost of education per student [including Government and Management share] works out to be Rs. 43,104/- per year.

Class	Amount (Rs)
I st Year Chemistry/Physics	2,602.00
I st Year Botany/Zoology	2,700.00
I st Year Mathematics	2,420.00
I st Year History/ Economics/English	2,320.00
II nd Year Chemistry/Physics	1,605.00
II nd Year Botany/Zoology	1,705.00
II nd Year Mathematics	1,425.00
II nd Year History/ Economics/English	1,325.00
III rd Year Chemistry/Physics	1,515.00
III rd Year Botany/Zoology	1,515.00
III rd Year Mathematics	1,335.00
III rd Year History/ Economics/English	1,335.00
I st Year Analytical Chemistry/Physics	3,750.00
I st Year Economics/English	2,850.00
II nd Year Analytical Chemistry/Physics	2,690.00
II nd Year Economics/English	1,790.00

25. Computerization of administration and the process of admissions and examination results, issue of certificates.

The admission process was computerized and rank lists for various courses were prepared by a centralized process. Only internal examinations are conducted by the college and the marks for continuous assessment are forwarded to the University. This process

is computerized. The final examinations are conducted by the University and the results are published by the University. The mark lists and certificates are also issued by the University.

26. Increase in Infrastructural Facilities

Most of the plans conceived at the beginning of the year were accomplished. The following major infrastructural expansions were undertaken by the institution during the year.

- The renovation of the Auditorium was completed. The renovation of the Chapel and the construction of the air conditioned seminar hall was also completed.
- The road in front of the main building was renovated by laying pavers. Two parking spaces were constructed with a parking facility of 20 four wheelers and 60 two wheelers.
- A full fledged English Language Laboratory with 15 computers and two 5 KVA UPS was set up with the help of the funds provided by Prof. P. J. Kurien M.P. under the MP lads Scheme. Software was purchased and installed using UGC funds. Thanks are due to Prof. P.J. Kurien M.P. and to the U.G.C.
- The Medicinal Garden was expanded with the help of UGC and Management Funds. Rare medicinal plants were planted in the Garden.

27. Technology up-gradation.

The computerization of admission procedure created an atmosphere for the acceptance of new technologies. The change towards student centered teaching methods has necessitated the incorporation of the use of electronic gadgets in teaching. More and more teachers are using ICT enabled technology for lesson planning and preparation of notes. PowerPoint presentation and use of LCD is gaining more favorable reception among the teaching community.

The Staff salary bills were previously hand-written and submitted to the Office of the Deputy Director of Collegiate Education (DDE). A new software *SPARK* was introduced by the Government of Kerala. Christian College was the first from among Kerala University Colleges to use the software to claim staff salary.

28. Computer, internet access and training to teachers and students.

Computers and internet access are available in all Departments. The computer centre offers two types of courses viz., courses to provide basic information regarding the use of computer and courses intended to provide advanced level learning to those who have basic knowledge in computer programming and usage. A full-fledged English Language Laboratory with 15 computers and two 5 kVA UPS was set up with the help of the funds provided by Prof. P. J. Kurien M.P. under the MP lads Scheme. Software was purchased and installed using UGC funds.

29. Financial Aid to Students

a. Parent Teacher Association

Financial assistance for weaker section in the form of scholarships is provided by the PTA of the college. Meritorious students and rank holders were awarded with scholarships.

b. Alumni Association

Merit scholarships are provided by the Alumni association for outstanding students in each subject in the Undergraduate and Postgraduate courses. During the academic year, an Alumni sponsored laptop with latest technology was provided to a deserving student from II PG (Physics)

c. Endowment and Scholarships

Twenty students were awarded UGC merit cum means scholarship, three students received University Merit Scholarships, three students received Indira Gandhi P.G. Single Girl Child Scholarships, six students received the Muslim Girl Scholarship and two students received Higher Education Scholarship. Thirty one Endowments/prizes/Scholarships have been instituted by the management, faculty and well wishers to help financially backward students as well as to reward top scorers.

Staff Association

The association of teaching staff also provides financial assistance to various students based on need and merit. The College Noon Meal programme is sponsored by the Staff and Alumni.

30. Activities and Support from Alumni Association.

The Annual get together of the Alumni Association was held on 26th October 2011, the Deepavali day. The meet was inaugurated by Mrs. S. Sarika Devi, Hon. District and Sessions Judge, Kollam and former student of the college. Dr. M. P. Rajan, former student and Scientist IISER, Thiruvananthapuram delivered felicitations. Sri. R. Rajesh MLA, Sri. Saji Cherian (Kerala University Syndicate Member), Sri. George Varghese (Headmaster, MGMHSS, Tiruvalla and Kerala State Teachers Awards Winner), former students of the College and Kum. Meera Venugopal, II B.Sc. Physics student and winner of Kairali T. V. "Mambazham" Reality Show were felicitated. The staff members who retired on 31.03.2011 were also honoured. A good number of former teachers and students attended the function.

The display of the painting works of Sri. Asokan Karakkad ,former student of the Collegewas held on 26th and 27th October 2011.

Different chapters of the Alumni are functioning well. The Kuwait chapter and UAE chapter have donated an amount of Rs.12000/- and Rs.6000/- respectively as awards to the first year Degree and P.G. students.

31. Activities and Support from PTA

The Parent Teacher Association has been always a source of support and inspiration for the college. Class wise PTS meetings organized played a vital role in setting the general discipline on the campus. Special thanks are due to Mr. K. Thomas Mammen, P. T. A. President, Prof. M. K. Thomas and Prof. Ajith Verghese George, Secretaries, and the executive committee members for the valuable services rendered by them for the uplift of the college.

32. Health Services.

The health care of the students is closely monitored and the college administration takes all necessary steps to provide clean water, bathroom and toilet facilities etc to the students. In order to provide hygienic drinking water, water purifiers were provided in all floors of the main building. In association with nearby hospitals several health awareness programmes were organized in the reported year. The students use the multi gymnasium regularly. A fully furnished restroom is provided for the girl students. The college has arranged

councilors for the providing adequate guidance and counseling for needy students. Dr. Kurivilla George, alumni of the college is available for the urgent medical care of the students.

Hostel Facilities

Women's Hostel with an intake capacity of 85 currently accommodates 38 students. Rev. Josemon J. and Rev. Jinu John led counseling classes on every first and third Thursdays of each month for the inmates. Men's hostel with an intake capacity of 20 is now accommodating 8 students.

33. Performance in Sports Activities.

Football, Cricket (Men & Women), Shuttle Badminton and Table Tennis, Judo, Wrestling and Taekwondo (Men & Women) teams participated in the Kerala University Inter Collegiate Tournaments. Cricket team (Women) was the runners-up. Our five students, Souparnika Santhosh (III B. Sc. Zoology), Ambily K. K. (III B. A. English) and Premaletha K. (III B. A. English), Vishnu Priya S. (II B. A. History) and Tintu Joseph (I B. A. Economics) were selected to the Kerala University Women Cricket team. They played for the University in the Interuniversity Women's Cricket tournament held at Pondicherry. Four of our students Souparnika Santhosh, Ambily K. K., Premaletha K., and Deepthi Mariam Alex (II B.Sc. Zoology) represented Alappuzha District in the under 22 category and five students Vishnu Priya S., Tintu Joseph, Surya S. (II B. A. History) and Ligi Devassia (I B. A. Economics) represented Alappuzha District in the under 19 category in the State Championship. Souparnika Santhosh was selected to the Kerala State Senior Women's Cricket team and she played the interstate tournaments at Trivandrum, Goa and Chennai. Vishnu Priya S. represented the Kerala State under 19 category.

Nazim A. (II B. A. Economics) secured third position in the intercollegiate Judo Championship in the above 90 Kg category. Taekwondo Men & Women teams participated in the District Championship and the women team was the winners. Nazim A. the District Champion in the above 85 Kg category participated in the Open Nationals held at Bangalore. In the intercollegiate championship Nazim A. secured silver medal in the above 85 Kg category.

The college Annual Sports was held on 10th February, 2012 on a house-wise

basis. The flag was hoisted and the meet was opened by Prof. Kurian Thomas, Principal, Bishop Moore College, Mavelikkara. Red House secured the overall Championship in athletics. Renju V. K., I B. A. History and Vishnupriya S. (II B.A. History) were the individual champions. Inter house games championships were also conducted. Yellow house won the shuttle badminton and cricket championships and Green house won the football championship. Yellow House secured the overall Championship in Games. Prof. Ruby Mathew (Physical Education Lecturer), Prof. Mathew Varghese (General Convener) and the teachers who are in charge of the houses deserves appreciation for the pain they have taken for the smooth conduct of the annual meet.

Prof M. D. John memorial intercollegiate shuttle badminton tournament for staff was conducted on 19th January 2012. The tournament was inaugurated by Sri. Jogy Cherian, Treasurer of the College. Marian College, Kuttikanam won the championship.

34. Incentive to Outstanding Sports Students.

The college annual sport was conducted on 10th February, 2012 in which outstanding sports persons were honored. Financial help was given to sports and athletic students coming from BPL families. The University also provided Allowances to students for attending University matches.

35. Student Achievements and Awards

Ms. Meera Venugopal, II B.Sc. Physics student and winner of the acclaimed reality show 'Mambazham' of the Kairali Channel won the first prize for Malayalam recitation at the Kerala University Youth Festival. The College Mime team consisting of Jishnu Raveendran, Jesson Varghese, Jopy P. John, Ganesh R., Bibin K. Midhun M. Madhu and Graison N. Sam also won first prize in the Kerala University Youth Festival. The College received the overall 4th position in Kerala University. The students of the English Department prepared a documentary on 'Historically Important Sites in Chengannur'.

The college maintained its tradition of securing very good results in the University Examinations of April-May 2011 for almost all subjects. The results are as follows:

Degree Results

Subject	Total Appeared	First Class	Second Class	Third Class	Total Pass	% of Pass
Mathematics	24	12	3	7	22	91.66
Physics	21	10	4	1	15	71.42
Chemistry	18	5	1	3	9	50.00
Zoology	30	13	4	6	23	76.66
Botany	26	1	7	2	15	38.46
English	27	2	4	16	22	81.48
Economics	42	1	11	16	28	66.66
History	34	2	3	26	31	91.17

PG Results

Subject	Total Appeared	First Class	Second Class	Third Class	Total Pass	% of Pass
English	16	5	9	1	15	93.75
Economics	11	1	9	-	10	90.90
Physics	13	10	1	2	13	100
Anal. Chemistry	12	7	-	5	12	100

Internal Examinations for continuous evaluation were conducted as per schedule for the under graduate and post graduate students and progress cards were issued.

36. Activities of the Guidance and Counseling Unit

Counseling unit was actively functioning during the current academic year. Counseling classes were arranged for the new comers. Rev. Josemon J. and Rev. Jinu John, who were in charge of the student's ministry, visited, inspired and motivated the students regularly. Trained teachers also helped the students in sharing their personal problems and needs. A talk on 'Cancer Prevention' was held on 30th January 2012 for all the students. Dr. P. J. Joseph, former Radiation Safety Director, Government of Kerala was the resource person. Dr. Desy P. Koruthu functioned as the coordinator.

37. Placement Services Provided To Students.

Career Guidance and Placement cell is functioning effectively in the college. Constant training and Counseling was given to students for appearing various competitive examinations and campus recruitment drives. Various seminars on Career opportunities, coaching on various aspects like "How to prepare the

CV, “Facing the interview board”, personality development programme etc. were arranged. Various organizations like Eureka Forbes, Gokulam, Franklin, Wipro, ACL, NIIT etc. visited the college and conducted various promotional and motivational classes. Different Campus placement drives were also conducted and 16 students were selected through such drives. Job opportunities and campus recruitment drives were advertised or displayed through proper notices and brochures. Prof. Mathew Varghese served as the Placement Officer.

38. Development Programmes for Non-teaching Staff

The computer lab has been providing free training in computer basics to non teaching staff. Six of the office staff members are now well versed in computer operations.

39. Best Practices of the Institution

- Every academic year starts with a staff retreat. Curricular and co-curricular activities to be implemented, goals to be achieved and methods to be adopted are discussed and finalized in the meeting. Thus democratic procedures are followed at every stage of development of the institution,
- An induction programme is held for the freshers at the beginning of their academic year to provide a general awareness of the institution, the nature of curriculum, the tradition and discipline of the institution and its vision and mission. This induces in them an urge to be studious in all their academic pursuits right from the beginning of their programme,
- The interaction of the Manager with members of the faculty of each department and students accentuates the drive towards academic excellence and motivates them to partake in the process actively,
- The association of the institution with KSCSTE for student projects generate a keen interest in research among students,
- The Noon meal programme is continuing this year also,
- Activities of N.S.S. and N.C.C. that link the curriculum with social realities and helps promote social commitment among students. The classes arranged on legal awareness, AIDS, road safety, blood donation and cancer awareness generate civic consciousness and help them to imbibe social values,
- Seminars, exhibitions, study tours and visits to forests and ecologically

fragile zones, industries and research institutes give students a chance to get exposed to life situations,

- Categorization of students into slow and advanced learners; arrangement of tutorial/remedial classes for slow learners; and provision of enrichment classes, special assignments, peer teaching opportunities to advanced learners, etc., promote academic excellence,
- Supervision of the institution by the Higher Education Commission of Mar Thoma Sabha and its annual conferences help in the exchange of innovative ideas among various centres of academic excellence that come under the body and ensures the upgradation of academic quality.
- Awards given to the faculty by the Management for contributing to peer reviewed journals and books.

40. Linkages developed with National/International, academic/research bodies:

- The college has made collaboration to carry out PG student projects for mutual benefit and better performance with various departments of other colleges like Mar Thoma College, Thiruvalla, St. Thomas College, Kozhencherry, St. Berchmans College, Changanacherry, Sree Narayana College, Kollam, MSM College, Kayamkulam, NSS College, Changanacherry, etc.

41. Any other relevant information: NIL

Part C

Detail the plans of the institution for the next year.

- To start at least two new PG and UG courses
- Golden Jubilee Block with new Central Computer Lab and spacious rooms for club activities
- Construction of Indore Stadium and expansion of existing stadium
- Solar pathway from College junction
- Planting of more trees in the campus.

Name & Signature of the Coordinator ,
IQAC

Name & Signature of the Chairperson,
IQAC