

Union Christian College, Aluva
INTERNAL QUALITY ASSURANCE CELL (IQAC)
Annual Quality Assurance Report (AQAR), 2010 – 11

The assessment year 2010 – 11 was one of great importance to the college. There was a change in guard at the top, as the new Principal Dr. T. Thomas Philip took charge from Dr. Varghese John, on the 1st of April, 2010. The year was also the 90th year of the institution and the ‘Navathy Year’ celebrations spanned through the academic year, with both academic and non-academic activities. The college underwent Re-accreditation process in the month of March 2011 and received “A” grade from National Assessment and Accreditation Council.

Section A: Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement. (Attach separate sheet if required)

- **To prepare for NAAC reaccreditation.**
- **To celebrate 2010 – ‘11 as Navathy Year.**
- **Infrastructure upgradation by conserving the heritage building.**
- **Upgradation of Educational Technology and Computer, Communication Technologies.**
- **Installation of Central Public Announcement System for effective communication.**
- **Observance of Green Campus and ‘Haritha Varsham’**
- **To fill up existing vacancies in the Aided and Self financing streams and Office administration sections.**
- **Conduct coaching for UGC-NET / Competitive examinations.**
- **Conduct remedial coaching for SC/ST students.**
- **Faculty development programmes like seminars, workshops etc.**
- **Encourage teachers to apply for minor/ major research projects.**
- **Conduct outreach/extension programmes**
- **Develop a botanical garden and Arboretum**
- **Start a new reprographic centre**
- **To start a “Center for Study of Religion and Society” with C. P. Mathew chair**
- **To redesign the college website**

Section B: Details in respect of the following

1. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVE OF THE INSTITUTION

The Vision and Mission and core values of the college are reflected in all its activities conducted throughout the year. Some of the activities reflecting these are

a. Internal Quality Assurance Cell (IQAC)

The IQAC was reconstituted in July-2010 with one member from each department. Dr. K.P Unnikrishnan was nominated as the Coordinator. A core committee consisting of the Principal, Bursar, Manager, the IQAC coordinator and four staff members was constituted to work out action plans for the period 2010-'11.

- During the year 2010-'11, the Executive Committee met two times on 11/08/10 and 22/11/10 and proposed various courses of action.
- The Steering Committee met three times on 3/12/10, 17/02/11, 11/03/11.
- The Core Committee met several times during the year 2010-11
- NAAC Peer team visit was from the 16th to the 18th of March 2011

b. Navathy Celebrations

- Inauguration of the *Navathy* Celebrations

His Excellency Bharatratna **Dr. A.P.J. Abdul Kalam**, former President of India, inaugurated the *Navathy Celebrations* on 5th June 2010. His Excellency himself planted an Ashoka tree sapling in the front lawn near the Principal's office.

- Ninetieth Birthday of the College

Rt. Rev. Michael John, Bishop of Madhya Kerala Diocese of the CSI, and an alumnus of the College was the Chief Guest in a worship service conducted on 8th June 2010 in the College Chapel celebrating the 90th birthday of the College.

- *Navathy* Brochure

A brochure outlining the *Navathy* projects was formally released by **Dr. Betty Cernol-McCann** (Vice President, UBCHEA) on 2nd September 2010 in a special function.

- *Navathy Lectures*

One of the projects envisaged during the *Navathy* year was a series of lectures (*Navathy Lectures*) given by persons who have left their mark in the scientific, literary, and social arenas. We had six *Navathy Lectures*, as indicated below:

Lecture No.	Name of Speaker	Date of Lecture	Venue
1	Dr. Betty Cernol-McCann, Vice President, UBCHEA	02.09.2010	T.B. Ninan Hall
2	Dr. Jacob Abraham, Consultant Neuro surgeon	17.09.2010	T.B. Ninan Hall
3	Prof. C.N. R. Rao, Renowned Scientist	04.10.2010	New Seminar Hall
4	Dr. V.I. Mathen, Consultant Gastroenterologist	11.10.2010	T. B. Ninan Hall
5	Shri M.T. Vasudevan Nair, Gyanapeed Awardee	29.10.2010	New Seminar Hall
6	Dr. G. Madhavan Nair, Former Chairman, ISRO	09.01.2011	New Seminar Hall

- *Navathy Fest*

An Exhibition on Science, Technology and Culture was conducted in the Founders' Memorial Platinum Jubilee Auditorium from 11th – 14th January 2011.

c. The Founders' Day Address and the release of the Brochure of the CSRS

The Founders' Day address was delivered by His Grace the **Most Rev. Dr. Philipose Mar Chrysostom Mar Thoma Valia Metropolitan** on 6th September 2010. This meeting also marked the release of the Brochure on the Centre for the Study of Religion and Society (CSRS) with C.P. Mathew Chair – an initiative conceived as part of the *Navathi* commemoration.) on 29.01.2011.

d. CSRS-Centre for the Study of Religion and Society with C.P Mathew Chair (a Navathy year project)

Objectives of CSRS

- Effective and in-depth study of all religions and their central emphasis on spiritual and ethical values.

- Exploration of the practical application to further the ideas of ecumenism in the context of plurality.
- The study of scriptures and other writings that promotes the assimilation of eternal values.
- Inculcation of eternal values by teaching courses on comparative religion, organizing cross cultural exchanges, interfaith dialogues and discussions for students, staff and public.
- Critical assessment of values prevailing in society and emphasis on ennobling values.

Programmes/Initiatives

- Started on 6th September 2010
- A constitution of CSRS has been framed.
- An Advisory Committee and Management Committee have been appointed
- Fr. John George was appointed as the Interim Director with effect from 21st December 2010
- CSRS is in the process of making an Endowment Fund. Some funds were collected.
- A library on Religion and Society is in the process of formation. Added Rs.5000/- worth books to the existing books on Religion and Society.
- Two seminars were conducted.
 - i. Integrity of creation – November 20, 2010.
 - ii. Eco-Spirituality – January 29, 2011.

e) Haritha Varsham

- 90 saplings were planted in the campus in association with the PTA, NSS, NCC and UNI-Y, on 1st of July 2010 to commemorate the Navathy year of the college.
- Proper protection for the saplings has been ensured by placing tree-guards

2. NEW ACADEMIC PROGRAMMES

At the University level Credit and Semester system has been introduced in the UG level. The Department of Chemistry started an add-on course (UGC) in Material Science with a view to enhance the employability of students.

3. INNOVATIONS IN CURRICULAR DESIGN AND TRANSACTION

- Several faculty members of the college (Dr.Aju.K,N, Dr P.V Sreenivasan, Mr Anil Thomas Koshy, Prof L.Sushama) were nominated to the Board of Studies (UG and PG) of Mahatma Gandhi University.
- Cheri Jacob K of the Department of English is part of the Expert Committee on MA Multimedia/Animation-2010-MG University
- Several teachers are members of various academic and non academic bodies of the university..
- Some of the faculty members(Dr.Rachel Reena Philip,Dr.Jeevanand) are involved in setting Question papers for other universities.

4. INTER DISCIPLINARY PROGRAMS

- *Symbiosis Lecture Series* launched by the Department of History in 2009 continued in full in 2010-11 also. The faculty members engaged in inter-disciplinary lectures for the PG students of other subjects.
- *Scholar on Campus* – an in-house interdisciplinary lecture series was started by the Department of English in 2010, pooling the expertise of the faculty and researchers of the college.
- *Collaborated Lectures* – The Department of English collaborated with the Media Club to organize invited lectures by experts in the area of media studies.
- The *Centre for Environmental Studies* (CES), established in 2005 conducted the yearly Certificate course in Environmental studies for selected 45 final year BSc students belonging to Botany, Chemistry and Zoology departments. The Centre took up various environmental issues related to the College and committed to make the college a Zero Waste Campus. The world Environment Day was observed under the leadership of CES with awareness classes. The centre monitors the functioning of the Biogas and Vermin fertilizer projects functioning in the campus.
- *CES, U.C.College has been selected as a nodal centre for environmental research and networking by the united Board of Christian Higher Education in Asia.*
- The Encon Club functioning under CES in association with the Encon Club of Bharath Petroleum Company Ltd, Kochi, conducted Quiz and Essay writing competitions on Energy Conservation and cash prizes were distributed to the winners.

5. EXAMINATION REFORMS IMPLEMENTED

During each semester, the college conducts three internal examinations. In addition to this within the limitations of affiliated colleges the staff contributes much to improve the standards of students by conducting periodical tests and seminars.

6. CANDIDATES QUALIFIED IN NET/SLET/GATE/CSIR:

Department	Numbers
Mathematics	NET-3
Malayalam	NET-2
Physics	NET-2 JRF-1 GATE-2
English	JRF-1 NET-1
Botany	JRF-1
Psychology	NET-2

7. INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMS

Orientation Programme at Academic Staff Colleges approved by UGC
Department of Malayalam <ul style="list-style-type: none">▪ Vidhu Narayan▪ Dr. Siby Eapen▪ Dr. Aju K.N. Department of English <ul style="list-style-type: none">▪ Sheenu Varghese▪ Cheri Jacob K. Department of History <ul style="list-style-type: none">▪ Tresa Divya J. Department of Economics <ul style="list-style-type: none">▪ Sunil Abraham Thomas

Refresher courses attended
<p>Department of Mathematics</p> <ul style="list-style-type: none"> ▪ Pretheesh Abraham ▪ Eldho Varghese <p>Department of Economics</p> <ul style="list-style-type: none"> ▪ Sunil Abraham Thomas <p>Department of English</p> <ul style="list-style-type: none"> ▪ Suma Mary Scariah ▪ Sheenu Varghese <p>Department of Physics</p> <ul style="list-style-type: none"> ▪ Dr Rachel Reena Philip <p>Department of Botany</p> <ul style="list-style-type: none"> ▪ Dr Manju M George
Faculty doing PhD
<p>Department of English</p> <ul style="list-style-type: none"> ▪ Cheri Jacob K. ▪ Alwin Alexander
International Seminars Attended
<p>Department of English</p> <ul style="list-style-type: none"> ▪ Suma Mary Skariah, Cheri Jacob K, Sheenu Varghese and Alwin Alexander- International Seminar, ‘Subaltern Readings’, conducted by the M. G. University in April 2010 ▪ Sheenu Varghese-International Seminar ‘Multimodality, Multilingualism, Multiliteracies: New Pedagogies for New Times’ organized by St. Tereasa’s College, Ernakulam in 2011
National Seminars Attended
<p>Department of English</p> <ul style="list-style-type: none"> ▪ Dr. Sonia Chacko-National Seminar ‘Negotiating Contemporaneity in Indian English Literary Genres’ conducted at St. Xavier’s College Aluva 2010.

- Cheri Jacob K-National Seminar ‘Bhaasha: Naveena Padanavazhikal’ organized by the department of Malayalam, U. C. College in 2010
- Cheri Jacob K. and Alwin Alexander-National Seminar ‘ Samakalina Cherukatha: Vazhiyum Porulum’, organized by the Department of Malayalam, U. C. College, Aluva in January 2011. Cheri Jacob also presented a paper.
- Cheri Jacob K. and Alwin Alexander-National Seminar ‘Popular culture: Theory and Practice’ hosted by Nirmala College, Muvattupuzha in 2010. Cheri Jacob also presented a paper.
- Cheri Jacob K. participated in the National Seminar ‘Cultural Studies: Contours and Contexts’ held at Baker College, in 2011. He also presented a paper.
- Cheri Jacob K., Sheenu Varghese, Alwin Alexander and Asha Baby Mathews-National Seminar ‘A Perspective on Indian Cinema and Literary Values’ conducted by St. Albert’s College, Ernakulam in February 2011. Cheri Jacob also presented a paper.
- Sheenu Varghese and Alwin Alexander-National Seminar ‘English Writings of Rabindranath Tagore’ held at Maharaja’s College, Ernakulam in March 2011
- Alwin Alexander-National Seminar ‘Revisitations’ organized by St. Joseph’s College, Irinjalakkuda in March 2011. He also presented a paper.
- Sheenu Varghese-Workshop on informatics in organized at U.C College in association with the Kerala State Higher Education Council on 6th- 8th January 2011
- Cheri Jacob K., Rekha Nair, Dr. Sonia Chacko, Sheenu Varghese, Alwin Alexander and Asha Baby Mathews-Workshop, ‘Two-day Orientation-cum-Workshop on Methodology of Humanities for College Teachers’ organized at U.C College in association with the Kerala State Higher Education Council in 2011. Cheri Jacob K. also presented a paper in the workshop.

Department of History

- All members of the faculty of the department participated in a workshop on informatics in organized at U.C College in association with the Kerala State Higher Education Council on 6th- 8th January 2011
- Dr. Jenee Peter-Festival of Museums and Intangible Heritage, National Museum of Natural History, New Delhi with Department of History Sree Sankaracharya University of Sanskrit, Kalady
- Dr. Jenee Peter Curated the three days exhibition “Revisiting the past” by the Department of History and Archaeological Museum in the Navathi exhibitions held at UC College in January 2011.
- Dr. Jenee Peter attended the workshop held at Kodungallur by the State department of Archaeology, Cultural affairs department, Govt of Kerala from 11th to 14th September 2010.
- Dr. Jenee Peter attended the seminar and field explorations at Chettuva Fort, Thrissur on 15th May 2010 and on 1st May at Pallipuram fort, Ernakulam.
- Twincy varghese and Dr. Jenee Peter participated in Jesuit Heritage Seminar conducted in Lumen Institute, Ernakulam on 8th January 2011 conducted by Kerala Jesuit Heritage Committee and Arnos Padiri Academy, Trissur.
- Dr Jenee Peter was a delegate in the seminar on “Archaeology of Lower Periyar Basin: held on 16th March 2010, department of History, Maharaja’s college, Ernakulam.
- Dr. Jenee Peter attended the Edakkal UNESCO World Heritage Listing Committee meeting at directorate of Archaeology, Thriuvananthapuram on 16th August 2010 and further on 30th August 2010.
- Dr Sebastian Joseph, Ms Tresa Divya, Ms Twincy Varghese and Dr Jenee Peter attended the 12th August 2010, Recent Trends in Historiography, Inaugural Session, Seminar series, Cluster colleges, Department to of History, Maharajas college, Ernakulam.

Department of Psychology

- Dr. Neelima Ranjith-three day conference and presented a paper at the Annual Conference of Indian Association of Neurologist, IANCON 2010 at Trichy on Sept 2010

Department of Economics

- Mr Sunil Abraham Thomas: 'ICT enabled Development', Three day workshop on Informatics organised by U.C College in association with the Kerala State Higher Education Council during January 6-8 2011
- Dr. Tomy Varghese-"SEBI-NISM's Financial Education Resource Person Training Program, March 6-12, 2011.
- G Geethika-Training Programme on "Digital Content Authoring Technology & Use of Open Educational Resources" organised by IGNOU (IIPCAT) from 10-13 June, 2010
- G Geethika-National Seminar on 'Women Empowerment Through Grama Sabha' organized by Department of Political Science, St. Peter's College, Kolenchery, Kerala on 8-9 July, 2010.
- Nino Baby- 'Truncated Teaching Innovation Programme for Economics Teachers' conducted by UGC- Academic Staff College, University of Kerala at Centre for Development Studies, Trivandrum from 13-09-10 to 17-09-10

Department of Physics

- Dr E.I.Anila and Dr Lyjo K. Joseph- '*Recent Trends in Photonics*' organized by UGC Academic Staff College, University of Kerala at International School of Photonics, CUSAT, Kochi from 27-9-2010 to 1-10-2010
- Dr Rachel Reena Philip (Physics) attended (STAT) programme on 'Nanoscience' organized by UGC Academic Staff College, University of Kerala at IIT Madras from 30-08-2010 to 03-09-2010

Department of Zoology

- Dr.T.Thomas Philip Resource Person to -National level Winter school in Marine Biotechnology (21-10-10)
- Suja. K. Lukose: two seminars on Keratoplasty and intellectual property rights and an orientation cum workshop on “Methodology of Sciences” for college teachers.
- Suja. K. Lukose: Resource person for the ‘Kudumbasree Entrepreneurship Training Programme’ in ward 10 of Aluva unit on 28-12-10.
- Dr.Shirley Thomas: UGC-ASC Life Science Refresher (26th to May to 16th June) at ASC, University of Kerala, Trivandrum.
- Dr.Shirley Thomas: two national seminars on “Conservation of Ecology of Western Ghats” (25th and 26th Feb 2011) and “Genes and Genome research in India”(20th and 21st Jan 2011)
- Dr.Shirley Thomas: two workshops on “Research Methodology in Science and Informatics”(6th to 8th Jan 2011)
- Dr.Shirley Thomas: participated in ENCON club Orientation Programme by BPCL-KRL(19th Nov 2010)
- Dr.Shirley Thomas: Seminar on “Eco-Spirituality”.
- Dr.Shirley Thomas: Symposia on Urban Biodiversity “Green wave” (2nd and 3rd Dec 2010)

Department of Physical Education

- Mr.Anil Thomas Koshy (Physical Education) was the convener of MG University North Zone Sports Tournaments for the year 2010-11 and was the selector of MG University Men Hockey team.
- Dr.Bindu.M (Physical Education) was the convener of MG University women cricket tournament.

PAPER PUBLICATIONS BY FACULTY AND RESEARCH GUIDES

▪ Dr. E. S. Jeevanand (Department of Mathematics- Research Guide)

- i. Dhanya.M and E.S.Jeevanand (2011) Baye's estimation of $P_{xy}\{(X,Y)/X>Y\}$ for Power function distribution, National seminar on "Interdisciplinary Applications in Statistics", Maharajas college, Ernakulam ,November 25-26 ,2010 to appear.
- ii. Dhanya.M and E.S.Jeevanand (2011) Semi Parametric Estimation of $P_{xy}\{(X,Y)/X>Y\}$ for Power function distribution, Half Yearly Discourses.
- iii. E.S.Jeevanand and E.I.Abdul-Sathar (2011) Bayes Estimation of time to test transform for Classical Pareto distribution in some real data situation, Journal of Indian Statistical Association, 42(2), 215-230.
- iv. E.I.Abdul-Sathar, E.S.Jeevanand and G.Rajesh (2010) Bayes Estimation of residual entropy function from classical Pareto model containing spurious observations, IAPQR Transaction. 35(1), 15-23
- v. E.I.Abdul-Sathar and E.S.Jeevanand (2010) Semi parametric Estimation of Time to Test Transform for Classical Pareto Distribution, Proceedings of the National Seminar on New Trends in Applied Statistical Methodology, Department of Statistics Nirmala College, Muvattupuzha, February 25-27, 2010. 1-9
- vi. E.S.Jeevanand, Manjusha.A.M. and E.I.Abdul-Sathar (2010) On estimating the parameters of the power function distributions, Proceedings of the National Seminar on New Trends in Applied Statistical Methodology, Department of Statistics Nirmala College, Muvattupuzha, February 25-27, 2010. 43-57.

▪ Dr. K.P Unnikrishnan (Department of Chemistry)

"Synthesis of pendant epoxy functional polydimethyl siloxane for modification of DGEBA" Jenish Paul, Benny Cherian , K.PUnnikrishnan and Eby Thomas Thachil; Proceedings of the International Conference on Advancements in Polymeric Materials, APM 2011, organized by Central Institute of Plastic Engineering and Technology, Chennai , March 25-26.

▪ Dr. A Benny Cherian (Chemistry Department)

Synthesis of pendant epoxy functional polydimethyl siloxane for modification of DGEBA " Jenish Paul, Benny Cherian , K.PUnnikrishnan and Eby Thomas Thachil; Proceedings of the

International Conference on Advancements in Polymeric Materials, APM 2011, organized by Central Institute of Plastic Engineering and Technology, Chennai , March 25-26.

▪ **Jenish Paul (Chemistry Department)**

Synthesis of pendant epoxy functional polydimethyl siloxane for modification of DGEBA " Jenish Paul, Benny Cherian, K.PUnnikrishnan and Eby Thomas Thachil; Proceedings of the International Conference on Advancements in Polymeric Materials, APM 2011, organized by Central Institute of Plastic Engineering and Technology, Chennai , March 25-26.

▪ **Seena Mathai (Psychology Department)**

- i. The relationship of emotional maturity and assertiveness on Quality of Life. Congress in Asian Social Psychology, Vol 7, 2010.
- ii. Factors affecting self esteem among high school and higher secondary school girls. Discourses Social Sciences, Vol 1, 2010.

▪ **Dr. Neelima Ranjith**

- i. Qualitative aspects of learning, recall and recognition in dementia. Annals of Indian Academy of Neurology, 13(2), 2010
- ii. Longitudinal changes in neuropsychological indices in patients with Alzheimer's disease. Annals of Indian Academy of Neurology, Vol 13, Supplement 1, 2010.

▪ **Dr.P.M.Kuriachen (Department of Botany- Research Guide)**

Histo -taxonomical studies in some members of Poaceae. Dr.P.M. Kuriachen and Sijo Thomas, presented in the 97th Indian Science Congress held at Kerala University, Trivandrum, 2010.

▪ **Dr. V.P.Markose (Department of Malayalam)**

Malayalathinu oru Bible, Pulikkottil Mar Divannayos Onnaman 1811-le Malayalam Bible, MJD Publishing House, Kunnampulam, 2010.

▪ **Dr. Muse Mary George (Department of Malayalam)**

- i. Athijeevanakalayude rasavidya, Sahityalokam, May, 2010
- ii. Stree samathva chintakalile prakruthi patangal, Vijnanakairali, August, 2010
- iii. Saint, Sathan, Grandhalokam, Dec.2010
- iv. Kashtakalathinte Kachavadam,Chidambaram, Kerala sahitya Academy,2010

- v. Premavum Pookkalum, Basheerinte Cherukathakal, Olive, Kozhikkode, 2010
- vi. Oru verum koottukarane kuricu, Akam Masika, Dec.2010
- vii. Christmas Jeevante Jeevan, Assissi Magazine, Dec.,2010
- viii. Ningalude sareeram Paridhikku Akathanu, Madhyamam Weekly, Aril 5, 2010
- ix. Class muriyile Ajnayum sikshayum, Madhyamam weekly, June 7, 2010.
- x. Apaya Changalayile Kannukal, Madhyamam Weekly, Feb, 2011
- **Dr. Mini Alice (Department of Malayalam)**
 - i. Kavyathile Paithruka Pachakal, SPCS Bulletin, March, 2011
 - ii. Udalake poothum Ullake niranjum, Bhashaposhini, March, 2011
- **Dr. Sibum Eapen (Department of Malayalam)**
 - i. Divyamaya Danku Danku, Basheerinte Cherukathakal, Olive, Calicut, 2010
 - ii. Pracheena Malayala Kavithayile Yatrakal: Mythum yatharthayavum, Pazhaya Krithi, Puthiya Vayana, Dept.of Malayalam, UC college, Aluva, Jan 2011
 - iii. Kaiyetta rashtreeyathinte Moonnar Patam, Oruma monthly, Aril, 2010
 - iv. Abhinayam Arangilum Abhrapaliyilum, Oruma monthly, Jan., 2010
- **Dr. Aju K.N. (Department of Malayalam)**
 - i. “Urvaratha: Aacharanushtana Patangal”, Discourses - Humanities and Social sciences , Vol. 1, Issue 1, U.C.College, Aluva, March 2010.
 - ii. “Nadodikkathayude Charotravum Vyakaranavum-4”, Mizhiyum Mozhiyum, Amalolbhava Bimonthly, Assissi shanti kendra, karukutti, Book 159, 2010.
 - iii. “Nadodikkathayude Charitravum Vyakaranavum-5”, Mizhiyum Mozhiyum, Amalolbhava Bimonthly, Assissi shanti kendra, karukutti, Book 159, 2010.
 - iv. “ Kuttanadan Kettumura”, Aniyam Special Issue, Madhyamam Weekly, Kozhikkodu, August 2010.
 - v . “Nadodikkathayude Charotravum Vyakaranavum-6”, Mizhiyum Mozhiyum, Amalolbhava Bimonthly, Assissi shanti kendra, karukutti, Book 159, 2010.
 - vi. “Adhyayanathile adhikarangaal”, Samakalika Malayalam Varika, March 14, 2011.
- **Saju Mathew (Department of Malayalam)**
 - i. Irakalude Piramidu, Research lines, Devamatha collège, Kuravilangadu, Dec. 2010
 - ii. Jeevitha sailiyude Gandhian Badal, Misbah, MES College, June, 2010
 - iii. Mantharacharadu, Basheerinte Cherukathakal, Olive, Calicut, 2010

- iv. Souhrudathinte Poomkavanangal, Farook College, Calicut, 2010
- **Cheri Jacob K. (Department of English)**
 - i. *Cinema.*, Bhashaposhini, Vol. xxxiii, 2010
- **Alwin Alexander (Department of English)**
 - i. Demythologising *Meta-Narratives: A Study of Sarah Joseph's "Ooru Kaval"*. Malayalam Literary Survey. Vol. xxxi No. 1. Jan – March, 2010.
 - ii. *Wole Soyinka: Aafrikayude Viswa Kalaakaran.* Vijnanakairali. Vol xxxxi No 3. March, 2010. (Malayalam).
 - iii. *Desiyathayum Pradhinidhanangalum Gandhijikku Sesham Enna Kadhayil.* Vijnanakairali. Vol XXXXi No 10. Oct, 2010. (Malayalam).
 - iv. *Carnivalised Scripture: A Bakhtinian Reading of Christ Recrucified by Nikos Kazantzakis*, Proceedings Journal of UGC National Seminar on Revisitations: The Politics of Rewriting Old Texts, St. Joseph's College, Irinjalakkuda, Kerala, March 2010.
- **Dr. E.I.Anila (Department of Physics)**
 - i. Effect of dysprosium doping on the optical properties of SrS:Dy,Cl phosphor, E.I Anila, M.K.Jayaraj, Journal of alloys and compounds 504(2010)257-260.
 - ii. Low temperature deposition of SrS: Cu, F ACTFEL device by electron beam deposition, E.I. Anila, M.K.Jayaraj 130 (2010) 2180-2183.
- **Dr. Rachel Reena Philip (Department of Physics -Research Guide)**
 - i. *Effect of Ga incorporation on valence band splitting of OVC CuIn₃Se₅ thin films*, Rachel Reena Philip, Dhanya.S, Namitha Asokan T, and B.Pradeep, Journal of Physics and chemistry of Solids, 72(2011) 294-298.
 - ii. *Photoconductivity in the ordered vacancy compound CuIn₇Se₁₂*, Rachel Reena Philip, B Pradeep, S Dhanya. Material Science An Indian Journal, 6(4), 2010[224-229].
- **Ms. Twincy Varghese (Department of History)**

Women's Issues in India: An overview of the Modern Age Problem, published in the proceedings of the 15th Annual Conference of the Association of Third World Studies, South Asia Chapter, Bangalore
- **Dr. Sebastian Joseph (Department of History)**

Issue Editor, U.C College Journal Discourses for Social Sciences Vol.1, Issue 1, 2010

▪ **Ms Tresa Divya (Department of History)**

Article in Discourses for Social Sciences Vol 1, Issue 1.

▪ **Dr. Jenee Peter (Department of History)**

i. Man and Environment, Pune, Communicated paper

ii. One article in edited book on Kottapuram, 2011

▪ **Dr. Tomy Varghese (Department of Economics):**

Role of Women's Empowerment in Poverty Eradication & Socio-economic change in Kerala at

National Conference on recent poverty debate in India

8. TOTAL NUMBER OF SEMINARS/WORKSHOPS CONDUCTED

a) workshops/seminars organized by the IQAC

Date	Title	Resource person
13-8-2010	Quality Review	Prof C A Abraham
4-12-2010	Preparatory symposium	Dr. Thomas Abraham

b) workshops/Seminars organized by the various Departments

<i>Date</i>	<i>Title</i>	<i>Resource person</i>
Botany		
6 th & 7 th , December 2010	College Level Orientation Programme/Workshop in Methodology of Sciences	Dr.V.J.Dominic,Dept of Botany S.H.College,Thevara
20-21,January 2011	National Conference on Genes and Genome Research in India	Dr.Saritha G Bhat,CUSAT Dr.Ruby John,RGCB,Trivandrum
6 th - 8 th ,January 2011	Three day workshop on Informatics for college teachers	Mr.R.S.Praveen Raj,NIIST,Trivandrum Mr.M.Ajith,Assistant controller of Patents and Designs Chennai.

Zoology		
6-12-10	Seminar on Keratoplasty	Dr. Aparna C Varghese, Little Flower Hospital and Research Centre, Angamali
8-01-11	Youth Leadership Programme	World Malayalee Council, 'ALTIUS'
Psychology		
12-02-10	Recent Trends in Organizational Behavior	Dr. S. Raju, HOD, Dept. of Psychology, University of Kerala
Chemistry		
26-11-2010	<p>"Modern Perspectives in Chemistry," (Prof. Anantharaman Memorial Annual Lecture)</p> <p>1. Electrochemical Energy Systems, 2. Green Chemistry.</p>	<p>1. Dr. S A Ilangovan, Head, Energy System Group, VSSC, Thiruvananthapuram.</p> <p>2. Dr. Sajan Joseph, Scientist, Discovery Chemistry Research & Technologies, Indiana, USA</p>
27-11-2010	<p>(Dr. A.M. Chacko Endowment Lecture)</p> <p>1. Chemistry of Nanomaterials 2. The Methodology and Perspective of Science</p>	<p>1. Dr. Sreekumar, Professor and Head, Department of Applied Chemistry, Cochin University of Science and Technology.</p> <p>2. Dr. K P Unnikrishnan, Associate Professor, Dept. of Chemistry, U C College, Aluva</p>
Physics		
18-11-10	<i>Flexible Electronics</i>	Dr. Rajesh M, Senior Research Scientist, TNO/Holst Centre, Netherlands
Mathematics		
8-12-2010	Probability and measure	Dr. Rajeevan Pillai, Maharajas College

6 – 8 January 2011	INFORMATICS	Mr. Eldho Varghese, Union Christian College.
MCA Division		
14-01-2011	Advanced Computing	Prof. M V Rajesh, Govt. Engineering College, Cherthala, Dr. M Wilscy, Kerala University and Dr. Philip Samuel, Cochin University.
History		
	Symbiosis seminar Dr A.K Baby Memorial Lecture and Seminar	Mr Anoop. Research scholar, Malayalam department, U.C College
	KSHEC sponsored National Seminar	Dr Sunil Pealyidom, Associate Professor, Departent of Malayalam, SSUS, Kalady
19-6-2010	Seminar in Archaeology	Rock art in Europe, Mr Arun Peter, NMNH, Paris, June 19 th 2010
Malayalam		
02-02-11 to 04-02-11	Vidwan PG Nair Smaraka National Seminar. Topic: ‘ <i>Samakalika Malayalam Cherukatha</i> ’	
Physical Education		
22-3-2011	UGC sponsored one day workshop on “Sports Related Injuries”	Dr.George Mathews, Dr.Arshad.A.A, Dr.Binu George Varghese
Economics		
10 -2-2011	One day Workshop on Stock Market Literacy	Mr. V. Sreenivasan, Executive Director, Cochin Stock Exchange.
7-10- 2010	Lecture on Fiscal Federalism	Dr Rajan Varughese, Pro-Vice Chancellor, MG University.

9. RESEARCH PROJECTS

a) Major Project:

- i. Dr. Anil Kumar M , and Mrs. Anumol Jose- Co-Investigator KBC –KSCSTE Major Research Project on “Anti-inflammatory studies in the leaf extracts of *Litsea quinqueflora* Dennst Suresh.” Rs.16,11,500/-
- ii. Major research project(KSCSTE) on Thin film preparation and valence band splitting studies of I-III-VI compounds and Solar cell device Fabrication; Dr Rachel Reena Philip, Physics Dept.

b) Minor Projects:

- i. Dr. Thara K. Simon (2010-11) “Phytochemical analysis and DNA sequencing of two species of podostemaceae of Kerala Rivers”, 1,20,000/-
- ii. Dr. David Saj Mathew (2010-11) “Selection of root rot resistant *Coleus forskohlii* plants” Rs.1,30,000/-
- iii. Dr. Anil Kumar M. (2010-11) “Phytochemical Screening and Antimicrobial studies in *Simarouba glauca* DC.” Rs.1,25,000/-
- iv. Documenting the antiquities in UC Museum funded by Archaeological Survey of India, Ministry of Culture, Gov't of India (Dr Jenee Peter) : Rs.50,000/-
- v. Greening Campus, Green minds, UBCHAEA Project jointly with department of Botany (Dr Sebastian Joseph): USD 2500/-
- vi. UGC Minor Research Project “History Through Oralities’ (Dr Sebastian Joseph): Rs.65000/-
- vii. A minor research project of the UGC has been taken up by Dr. Muse Mary George. The topic is Works of Madhavikutty.
- viii. A UGC Minor research project on Mudiyeduppu-A Cultural Study was taken up by Dr. Aju.K.N. Rs 10,0000/-, UGC
- ix. Studies on the effect of Flux on the structural and optical properties of SrS:Cu Phosphor- UGC Minor project by Dr, E.I Anila, Dept. of Physics (Rs25000/-)
- x. Histopathological Studies in Some common fruity Vegetables, Principal Investigator, Dr. P. M. Kuriachen)-UGC funded-Rs.1.2 lakhs.

- xi. Transformation studies in *Coleus forskohlii* – an important medicinal plant'(Principal Investigator, Dr. Manju M. George)-UGC funded Rs.1,45,000/-
- xii. Genes and genome research in India' (Coordinator: Dr. M. Anil Kumar)- KSCTE funded. Rs.20000/-
- xiii. Biodiversity awareness programme funded by Kerala Biodiversity Board Rs.5600 (Coordinator Dr Thara K. Simon)
- xiv. A UGC Minor research project on Preparation of super tough thermoplastic from polystyrene and powdered nitrile rubber by Dr. P V Sreenivasan Rs.1,45,000/-.
- xv. A UGC Minor research project on Development of particulate modified epoxy resins by Dr. K P Unnikrishnan Rs. 1,40,000/-.
- xvi. A UGC Minor research project on Synthesis of toughened unsaturated polyester resin by Dr.A.Benny Cherian Rs. 1, 30,000/-.
- xvii. A UGC Minor project on 'Enhancing Menopausal Adjustment among Rural Women using Effective Interventions' by Ms. Seena M Mathai, Dept. of Psychology
- xviii. A UGC Minor research project on 'Reading history through literature'(Konkan –Coromandel coast in 17th and 18th century) has been taken up by Dr. Ancy Eapen, Dept. of English .
- xix. A UGC minor project entitled “ Analysis of Biorhythms in Man” by Dr. Shirley Thomas.
- xx. NBHM project by Dr Jeevanand, Mathematics Department.

c) Completed Projects

History

- i. Muziris Heritage Project, (Dr Jenee Peter as Consultant)
- ii. PHDDF Project Cochin Forests and British, 2007-10, Kerala Council for historical Research, Trivandrum, (Dr Sebastian Joseph)

Malayalam

- i. Vidwan PG Nair Research Projects taken up by Ms. Jayasree and Mr. C.V.Sudheer have been **completed**.
- ii. Dr. Aju K.N., Department of Malayalam, Completed and submitted the minor research project (UGC).

Physics

- i. Preparation and characterization of copper indium selenide related Ordered vacancy Compounds and fabrication of p-CuInSe₂/n-OVC solar cells, UGC Minor project by Dr.Rachel Reena Philip, Physics Dept(**Completed**).

10. PATENT GENERATED IF ANY

Nil

11. NEW COLLABORATIVE RESEARCH PROGRAMS

- UBCHEA Project Grant Greening Campus Green Minds, Dr Sebastian Joseph along with department of Botany, U.C College
- A collaborative research programme of exchange student of Archival Studies at Centre for Heritage Studies to study the archival collection in U.C College library;
- Collaborative research programme with the Centre for Heritage Studies, Tripunithura to conserve and digitize the 90 years old Visitor's book of the College; coordinated by Dr Jeneer Peter.
- A collaborative programme with the department of Biotechnology. U.C College for the study of DNA studies in human bones from Archaeological sites in India in collaboration with Muziris Heritage project and other agencies that have excavated such material coordinated by Dr Jeneer Peter.
- Mr.C.V.Sudheer has completed a research project in Malayalam under the *Vidwan P.G. Nair Endowment* fellowship of Rs.6000/- per month in the Department of Malayalam.

12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES

Department	Project/funding agency	Amount	Principal Investigator
History	National Mission for Monuments and Antiquities, Ministry of Culture, Govt. of India	50000/-	Dr Jenee Peter
	UGC Minor Project	Rs 65000/-	Dr Sebastian Joseph
	P.G Assistance from UGC	250,000/- 150,000/- received	
	U.G Assistance from UGC	65000/-	
	P.G assistance for Library	25000/-	
		5,80,000/-	
Botany	Major Project: KBC –KSCSTE Major Research Project on “In vitro Anti-inflammatory studies in the leaf extracts of <i>Litsea quinqueflora</i> Dennst Suresh.”	Rs.16,11,500/-	Dr. M. Anil KumarM

	“Phytochemical analysis and DNA sequencing of two species of podostemaceae of Kerala Rivers”	Rs. 1,20,000/-	Dr. Thara K. Simon
	“Selection of root rot resistant <i>Coleus forskohlii</i> plants” (2010-11)	Rs.1,30,000/-	Dr. David Saj Mathew
	“Phytochemical Screening and Antimicrobial studies in <i>Simarouba glauca</i> DC.”	Rs.1,25,000/-	Dr. Anil Kumar M.
Chemistry	Preparation of super tough thermoplastic from polystyrene and powdered nitrile rubber	Rs. 1,45,000/-	Dr.P V Sreenivasan
	Development of particulate modified epoxy resins	Rs. 1,40,000/-	Dr. K P Unnikrishnan
	Synthesis of toughened unsaturated polyester resin	Rs. 1,30,000/-	Dr. A Benny Cherian

Physics	1. Major research project on <i>Thin Film preparation and Valence band splitting studies of I-III-VI compounds and solar cell device fabrication (funded by KSCSTE)</i>	Rs.948200/-	Dr.Reena Rachel Philip
	2. Studies on the effect of Flux on the structural and optical properties of SrS:Cu Phosphor- UGC minor	Rs.25000/-	Dr. E.I Anila
Mathematics	1. A major project of the NBHM –Dept. of Atomic Energy	Rs.7,60,000/-	Dr.E.S.Jeevanand
	2. UGC minor project	Rs.1.5 lakhs	Dr,A.Sunny Kuriakose
	3. UGC Minor project	Rs.1,20,000/-	Dr. E.S Jeevanand
Malayalam	UGC minor project	Rs.10,0000/-	Dr. Aju K.N
	UGC minor project	Rs.1.2 lakhs	Dr. Muse Mary George
	Vidwan P.G. Nair Research Project	Rs.72000/-	Vidwan P.G.Nair Foundation
English Zoology	UGC minor project	Rs 1 lakh	Dr. Ancy Eapen
	UGC minor project	Rs. 1.5 lakhs	Dr. Sherley Thomas

13. DETAILS OF RESEARCH SCHOLARS

On-going research in different departments of the College

a) Department of English (*Approved Research Centre of the M.G. University*)

1. Dr. Varghese John

<i>Sl.No.</i>	<i>Name of the Scholar</i>	<i>Topic of Research</i>	<i>Part Time/ Full Time</i>
1	A. M Geevarghese	Digital Dialects	PT
2	Saji K.S	Rituals of Chicano cultural survival in USA- Myth & reality in the Plays of Luis valder(Awrdded)	FT
3	Milon Franz	Inscapes of individual and collective consciousness- A comparative study of James Joyce's	FT
4	Niji C. I	Giving voice to the silenced. An Eco feminist study of selected works of Arundhati Roy, Maheswata Devi, & Sara Joseph	PT
5	Bindhu Jamal	Frontiers of Part space: A study time in J. M- Coetzee's fiction	FT
6	Mini V.S	The Plays of Harold Pinter	PT
7	Rose Mary Varghese	Developing an ESP course for Management Students in Kerala	PT

2. Dr. Joseph Kachappilly

1	Reena V. I	Revisioning the Manichaeon World. A study of selected novels of Wilson Haris	FT
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b) Department of Malayalam (*Approved Research Centre of the M.G. University*)

1. Dr. C. M. Jose

1	Divya D	Studies on the stories by N S Madhavan	PT
2.	Anoop .V	Cutural and political aspects of Mandravadam	FT
3	Shimi Paul Baby	Kerala Culture in Udayamperoor Sunnahados & Contemporary books	PT

2. Dr. Aju K.N.

1	Arun Kumar O.	Thullal: Prathi Bodhathinte Arangupatam	FT
2.	Veena M	Poykayil Appachante Pattukal- Soundarya Shastravum Prathyayasasthravum	FT
3	Asha Mathai	P.Valsalayude Kathakalile Nattarivukal	PT

c) Department of Mathematics (*Approved Research Centre of the M.G. University*)

1. Dr. Sunny Kuriakose

i) Details of Research Supervision: -

1	Murali T.K	Chaotic dynamics in Economics	PT
2	Tutu M. John (Mar Thoma College, Thiruvalla)	A Study of Certain Economic Problems using Fuzzy Mathematics	FT
3	Sheeja T.K	Some Problems in Economics	PT

2. Dr. E.S. Jeevanand (Dept. of Mathematics)

1	Cyriac Antony (S.H.College, Thevara)	A Decision Model for Stock Market Investment	PT
2	Dhanya M	Analtsis	PT
3	Varghese Mathew(Under Dr. Arumugam)	Discrete Mathematics	FT

d) Department of Botany (Approved Research Centre of the M.G. University)

1. Dr. Thara K Simon

1	Vahida K.K.	Ecological Studies in the Brackish Waters of Kadungalloor Distric Thesis submitted	FIP
2	Girija K.D.	Ecological and Phytochemical Studies of Podostemaceal of Kerala Rivers; PhD Awarded	FT

Dr P.Thomas Mathew

1	Eggy T Paul	Taxonomy and Phytochemistry of family Apocyanaceae Awarded	FIP
2	Sreejith M	Quantitative Ethnobotany and PhytoChemistry	FT
3.	Sri. Thomas T Thomas,	Taxonomy and phytochemistry of Solanaceae	FIP
4.	Joshya K. Simon	Angiosperm flora of Thrissur District.	FIP

3. Dr. K.I.Mani Varghese

1	Justin R Nayagam	Plantation technology for seven indigenous medicinal and <i>Avenue tree</i> species of kerala	FT
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4. Dr.P.M.Kuriachan

1	Sijo Thomas	Histological and Histotaxonomical studies in some Rutacea fruits in Kerala	JRF, FT
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e) Department of Zoology

Dr. Thomas Philip T

1	Praveen.M.V (Thevera College-Centre	Nucleic Acid and Auto antibody profiling a possible diagnostic tools in Alzhiemers disease	PT
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f) Department of History (Approved Research Centre of the M.G. University)

Dr. P.J.Cherian

1	Mr. Philip Cherian ,	Evolution of Land Tenure Systems in Travancore 1865-1959 at the Department-Degree awarded in 2010	FIP
2	Ms. Susan Cherian	An ethno historical study Local History of Chengannur- Degree awarded in 2010	FIP
3	Ms Lekshmi P.D	Local History and Archaeology of Chengannur region, Kerala, 2005-	PT

Dr P.D Johnny

1	Ms Twincy Varghese,	Modern Kerala History and contributions of Panampilly Govinda Menon 2005-	PT
2	Ms Akhila Jacob	, Matrilineal Social History of Lakshadweep 2006-	PT
3	Ms Smitha Padiyara,	Modern History, 2006-	PT

Dr Sebastian Joseph

1	Ms Jiya Tharian,	Local History of Vypin Island, Ernakulam.	PT
2	Ms Lekha Pillai-	History of forestry in Travancore and the Colonial Legacy	PT
3	Ms Dhanya	Reconstructing history of Kudumbis through Orality.	

g) Department of Economics (*Approved Research Centre of the M.G. University*)

I. Dr. C.A. Antony

1	Sunil Abraham Thomas, (U.C. College, Alwaye)	Role of ICT Enabled Governance and Education for the Development of the State- Progressing	FIP
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14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTORS

Not traceable

15. HONORS/AWARDS TO THE FACULTY (National &International)

- I. Dr. Aju K.N., Malayalam faculty Selected as the official consultant of Muziris Heritage Project, Govt. of Kerala.
- II. Dr. Jenee Peter, History faculty nominated as Archaeological consultant Muziris Heritage Project, Govt. of Kerala.
- III. Dr. Jenee Peter, Department of History nominated as member of the Edakkal Cave declaration and World Heritage Monuments Committee, Govt of Kerala.
- IV. Dr.David Saj Mathew has been selected to represent the college for the faculty leadership development program sponsored by the Freeman Foundation
- V. Dr.Bindu.M (Physical Education) was the technical official in Athletics XIX Common Wealth Games held at New Delhi from 3rd to 14th October 2010 and technical official of Asian All Star Athletics Championship held at New Delhi July 2010.
- VI. Dr.Bindu.M (Physical Education) Team Manager MG University Athletic Women team which won second position in the All India Inter Varsity Athletic championship Held at Acharya Nagarjuna University Dec27th to 3rd -Jan 2011.

Faculty Serving as Resource Persons

The following faculty members of the college served as resource persons in their respective subjects at various workshops/seminars conducted by the college and other educational institutions outside the campus

No.	Name	Department
1	Dr. E.S.Jeevanand	Mathematics
2	Dr. K.P Unnikrishnan	Chemistry
3	Dr. Benny Cherian	Chemistry
4	Dr. Thomas Philip	Zoology
5	Dr. Sebastian Joseph	History
6	Dr Jenee Peter	History
7	Dr. Aju. K.N	Malayalam
8	Dr. Ancy Eapen,	English
9	Cheri Jacob K	English
10	Rekha Nair	English
11	Dr. Sonia Chacko	English
12	Alwin Alexander	English
13	Dr. Anil Kumar	Botany
14	Dr.Muse Mary George	Malayalam
15	Dr. K. K. Leelamma	Physics)
16	Ms. Seena M. Mathai	Psychology
17	Syna Soosan Abraham	Psychology

16. INTERNAL RESOURCES GENERATED

- I. Department of Physics generated Rs.8000/- For financial aid to financially weak students
- II. The Department of Chemistry generated Rs. 3000 for financial aid to financially poor students
- III. Botany department generated Rs 4000/- by selling ornamental plants and flowers. Alumni donation for the development of Botanic garden- Rs.90000/-
- IV. Department of history generated Rs2000 as faculty contribution, used to finance library and symbiosis lecture series, History Association from students, In additions to this, this year also books were donated to the library by teachers. Library usage fee for external research scholars is proposed for next year.

V. Department of Physical Education generated Rs.25000 towards uniforms to various college teams-2010-11.

Self Financing Courses

1. Rs.695000/- raised by the Department of Botany by running the Bio informatics course.
2. Department of Physics generated Rs.1245000/- from the B.Sc.Computer Science and Rs. 1413000/- from B.Sc. Computer Maintenance programs.
3. Rs. 1629340/ and Rs 6862500/ have been generated through M.Sc. BioTechnology and MCA programs respectively.
4. Department of History raised the Archaeology Development Fund Rs 1,24000/-

17. DETAILS OF DEPARTMENTS GETTING ASSISTANCE/RECOGNITION UNDER SAP/ COSIST (ASSIST)/DST, FIST, AND OTHER PROGRAMMES

Department	Amount	Assistance from
Physics	Rs 948200	KSCST
Chemistry	50lakshs	FIST
Botany	50lakshs	FIST
Physical education	2.5lakshs	KSSC

18. COMMUNITY SERVICES

The Community Service programs are organized by the National Service Scheme (NSS) units, NCC, Centre for Environmental Studies (CES), Service Learning Centre, Student Christian Fellowship (SCF) and the College Union. However, a few departments undertake community-linked programs as well.

The Computer Science Department conducted Interschool Quiz competition –Info 2011-On 15-1-2011

a) National Service Scheme (3 units)

Observance of Special days

- An awareness programme on Elder abuse was conducted on 15/6/2010
- An awareness programme on “ Monsoon Epidemic fever was conducted on 21/7/2010
- Hiroshima World peace day was observed and various competitions for college students were conducted.
- NSS volunteers had great opportunity to associate with Alzheimer’s And Associated Society of India in observing World Alzheimer’s Day.
- NSS day was celebrated on September 14, 2010.
- Socio Economic health survey, Talk on Ahimsa and blood group donor forum blood group detection and a talk on healthy life style followed by a discussion on that was taken by the NSS unit in association with Gandhi Jayanthi week celebration.
- A Legal literacy class was conducted on 1-10-09 in association with the Legal Service Society, Aluva.
- An inter collegiate training for NSS volunteers was conducted on 22/10/2010 in association with Kerala State Transport Project Road User’s safety Survey and the Survey was conducted on 26/10/2010.
- Inter collegiate competitions; Peace rally and red ribbon club inauguration were conducted on the World Aids day.
- Youth Red cross Society was registered and 50 students enrolled as members of YRC .
- DARSHANAM, an awareness on Eye donation was conducted on 6/12/2010.

NSS Special Camps

‘Haritham’ one day camp for a green campus was conducted on 24/8/2010 as a follow up of the Haritha varsha project.

- A 3 day camp SOUHRUDAM witnessed community service rendered by the NSS unit. A medicinal plant garden and a vegetable garden were set up in the campus.
- A seven day camp ‘PRATHEEKSHA was organised successfully from December 26th to January 1st to help the rural population of Karumallor Panjayath. The activities included paddy cultivation,

Women empowerment, Balasabha revival, vermin compost workshop, setting up of vegetable garden in selected houses and a talk on mental health.

- On 1/1/2011 , a kalajadha on Suchitwabodhana yajnam was organised in association with Rajagiri ‘ Clean city’ outreach programme
- The NSS unit organized several workshops such as Road Safety Awareness seminar, Personality Development workshop and Youth Orientation seminar.
- The unit conducted a Poster Exhibition on anti Terrorism on the National Youth Day.
- The NSS unit of the college won the BEST UNIT TITLE for the year 2010- 11

NSS Housing Project

Four houses were completed in Karumalloor Panchayath during 2008-11 under the program for Ms.Ajitha, Mr.Kunjutty, Ms.Anitha and Velan. The volunteers raised money from teachers and students to meet the expenses. On Saturdays and other Holidays NSS volunteers also offered manual help in the construction process. Construction of another house is in progress

- A major project SANTHWANAM taken up by the unit in 2009 aims at reaching out to orphans at the SOS Village, Tribals in their shelter and extending a helping hand to the homeless. The project is yet to be completed.

b) National Cadets Corps (NCC)

SENIOR DIVISION (BOYS): STRENGTH 81

- Completed 20 regular parade sessions involving drill and parade classes
- Conducted ceremonial parades on Independence Day and Republic Day with chief guest as Dr Thomas Philip,Principal, UC College Aluva
- A competition was held to select the best cadets and best turnouts and awarded gold medals
- 29 cadets attended the Combined Annual Training Camp (CATC) held at SS Kalady.
- 14 cadets attended the All India Trekking Camp at Malayattor held by 22(K)Bn NCC.
- 4 cadets: UO Eljo Joseph T , UO Jackson K JOHN,CSM Praveen Thomas T and Sgt Aevin D’ Almeida attended the basic Leadership Camp held at Nagpur

- 3 ourcadets CQMS Eldhose P Jacob, Sgt Basil Joys & Cdt Deepu Mohanan attended the National Integration Camp at Bihar(Gaya).
- NCC cadets actively volunteered in all the NAVATHY-YEAR celebrations of the college
- In November 26 NCC cadets participated in a blood donation camp & organ pledge which was organized by 22(K)Bn & I M A ,Aluva
- Our cadets ensured 92% pass in the 'B' certificate examination and 90% in C certificate exam.

SENIOR DIVISION (BOYS): STRENGTH 108;

- Activities began on July 24, 2010. Special classes were organised for firing practice and rifle drill on 7 Dec, 2010 and 15, 20 Jan, 2011, respectively.
- In August, 2010, 39 cadets attended the Combined All Wing Annual Training Camp held at Vimala College, Cheroor, Thrissur & 20 cadets participated in the Annual Training Camp at Little Flower College, Guruvayur, held in December, 2010.
- JUO Sreelakshmy K.G. participated in the All India Annual Trekking Camp held at Nilgiri during 12-24 May, 2011.
- Sgt. Aswathy Antony, the best firer of the College, represented our College till the Pre-Inter Group Camp of Thal Sainik Camp held at Calicut.
- CQMS Anjali K. represented the Kerala & Lakshadweep Contingent and won gold medal in the RD national cultural competitions at New Delhi in 2011
- 'Save Energy' campaign conducted on 4 September, 2010
- Our cadets ensured 100% pass in the 'B' certificate examination and 98% in C certificate exam

c) Centre of Environmental Studies (CES)

A Centre for Environmental Studies was established in 2005 for spreading environmental knowledge, and for moulding ethical positions that uphold environmental justice.

- The World Environment day was observed on 5th June with planting of trees in the campus in association with the NSS
- The certificate course for the year started in July for the selected 45 students from the Departments of Chemistry, Botany and Zoology.
- Two students participated in the Encon Quiz conducted by the BPCL, Kochi

- Essay writing and Quiz competitions on energy conservation were held in the college for the BPCL Encon Cash prizes. Dr. K.P Unnikrishnan delivered an invited lecture(9th June2010) on Chemicals in Every Day Life at the CUSAT in association with the Technology Day.

The Centre For environmental Studies is selected as one of the Nodal Centers for Environmental Research by the United Board for Christian Higher Education in Asia.

d) Service Learning Centre (SLC)

The nodal centre of our service learning is Dept of Psychology. The Centre functions in collaboration with National Service Scheme (NSS), a formal student body approved by the University. Four major activities undertaken last year are as follows.

- **Formation of Medicinal plant and ornamental garden** in a specified area within the college campus
- **Collection and maintenance of seedlings** of Thulsi and other medicinal plants for distribution to nearby school and villagers(Botanic Garden, U. C. College.)
- **Installing vermin-composting units** in houses of women under BPL to enhance the awareness on organic farming. This is in continuation with the earlier activities of Centre for Environmental Studies (CES, a multidisciplinary center of the college started in 2005, initially funded by the United Board)

e) Forming vegetable gardens in courtyards/ homes of members of Widow Welfare Unit and Kudumbasree Units of the local community. The seeds and seedlings were procured from the Karshaka Sree project of Govt. of Kerala. The students who were trained under teachers passionately involved in the community oriented project. **U.C College Archaeological Museum**

- i)The Archaeological Museum at U.C College rendered help to a small museum at Sambaloor Church in its documentation by the Department and Museums.

f) The Departement of English has initiated the progarmme *Education Sans Frontieres* (ESF) to provide resource packages (Power point presentations) based on the English course material, to the needy schools in the vicinity.

19. TEACHERS AND OFFICERS NEWLY RECRUITED

No	Name	Department
1	Ms. Asha Baby Mathews	English
2	Ms. Maya Menon	Psychology
3	Ms. Syna Soosan Abraham	Psychology
4	Dr. Vidhya Ravindranathan	Psychology
5	Dr. Marykutty P J	Psychology
6	Ms. Mily Mary Sreeba	Mathematics
7	Ms. Nisha N	Mathematics
8	Ms. Rajalakshmi R	Economics
9	Dr. Libu K Alaxander.	Physics
10	Mr. Cijin K Paul	Computer Science.
11	Ms. Afra MK	Computer Science
12	Ms. R. S. Radhika	Hindi
13	Dr. Ruby Elsa Jacob	Hindi
14	Mr. Jenish Paul	Chemistry
15	Ms Feneena S. Mohammed	English

In addition to this, lecturers were appointed in the vacancies of various Self-financing courses.

20. TEACHING- NON TEACHING RATIO : 84:38

21. IMPROVEMENTS IN LIBRARY SERVICES

In order to accommodate newly added documents, one of the reading rooms was bifurcated and a portion is converted into stack room. Now we have got more stackable area which was nicely arranged with new racks. Six new racks were purchased during this period with the financial assistance of UGC. All racks in the library were displayed with subject guide boards mentioning the range of corresponding classification numbers. The management has agreed to appoint two qualified trainees to fill the gap of retirees. A digital library is under planning stage for which financial assistance has been sought from the Member of Parliament.

22. NEW BOOKS /JOURNALS SUBSCRIBED AND THEIR VALUE

The college has spent Rs. 2,85,519/- towards the purchase/ subscription to 951 books and 23 printed journals. The UGC has provided Rs. 2,10,354/- under various schemes for the purchase of library documents. During this XI five year plan period, the UGC has committed to assist the college to procure books and journals worth more than 14 lakhs. Besides the printed collection, the library has subscription to EBSCO Database of online journals which consists of approx 3000 scholarly journals. The college is very much thankful to our faculty member who has donated subscription to *InfoTrac* database of journals aggregated by Thomson Learning. The bound back volumes of journals available in the library enrich the scholarly collection.

23. COURSES IN WHICH STUDENT ASSESSMENT OF TEACHERS IS INTRODUCED AND THE ACTION TAKEN ON STUDENT FEED BACK.

There is a standard student-evaluation form already prepared and made available to all the teachers. A good number of teachers do Student Evaluation for the under graduate and Post graduate courses. They receive the filled up feedback forms from the students and try to improve the quality of their classes.

24. FEEDBACK FROM STAKEHOLDERS

- College seeks feedback from students, alumni, parents and others.
- Necessary suggestions from them are communicated for further action and implementation

25. UNIT COST OF EDUCATION

- 1 Including salary: Rs 23000/-
- 2 Excluding salary: Rs 1050/-

26. COMPUTERISATION OF ADMINISTRATION AND THE PROCESS OF ADMISSIONS AND EXAMINATION RESULTS AND ISSUE OF CERTIFICATES.

- Administrative block is computerized with a computer at every desk of administrative staff.
- Broad band connectivity is available.
- Day to day administrative work , university examination work and admission work are smoothly carried out with proper software

27. INCREASE IN THE INFRASTRUCTURE FACILITIES

General

- The Computer lab for CM&E was air-conditioned.
- The Administrative block has been renovated and completely automated
- The main staff room, Bursar and IQAC offices have been renovated
- New toilets have been constructed in the Physics and Biology blocks
- The College Non Resident Student Centre and the Canteen have been renovated
- Renovation of Staff Quarters has been completed
- Prof. T R Anantharaman Memorial Seminar Hall and Library was Inaugurated by Mr. T R Ramaswamy, son of late Prof. T R Anantharaman
- A new computer lab with 13 computers with internet facility was inaugurated by Dr. A M Chacko, Manager of the college, on 14.3.2011
- 5 KVA UPS Cost of the UPS: Rs. 54,500/-
- X TAM Tubular Battery 100 AH Cost of 10 pieces purchased: Rs. 72,000/-
- Ramps have been constructed at different places in the campus for the sake of physically disabled students.
- Campus networking is underway.
- The college website has been updated
- Additional books and journals were procured for the central library
- Three thousand on-line journals have been subscribed

DEPARTMENT OF HISTORY

- The facilities in the museum were improved significantly last year with internally generated funds and the Archaeology Development Fund. The labels were provided, new materials were added, and more collection was added with sufficient storage space addition. The laboratory was renovated and partial work began for the documentation project.
- Extension of the office room: the reading room was expanded and office room was added near the staff room.
- With the UGC P.G Development assistant, following equipments were purchased

- Three-in-One Printer: 01
- DPL Projector: 01
- PC/Desktop: 01
- Projector Screen: 01
- Voice Recorder: 01
- Handicam: 01

28. TECHNOLOGY UPGRADATION

- Oracle-9i software was installed in the Computer Science Lab
- Internet facility is available to all departments.
- A New LCD projector was installed permanently in the T B.Ninan Seminar Hall.
- New Photomicroscope installed in the Botany Department with High Resolution Digital Imaging System (Model: Canon 14 M.P) under UGC Minor Project Scheme, 2010.
- Physics, Chemistry, Botany and MCA departments purchased 2.5KVA generators

Department of History

- Majority of the faculty members took training in informatics and Computer applications in Teaching in a national Seminar used by the department in the computer lab of MCA campus.

Department of English

- New computers installed in class rooms
- Computers with internet access
- LCD Projector and screen

29. COMPUTER AND INTERNET ACCESS AND TRAINING TO TEACHERS AND STUDENTS

- Every Department has the Computer and Internet facility
- Institute of Communication and Information Technology (ICIT) has computers and internet facility. It is resource centre for IT students. Various trainings were conducted in the field of IT to

different groups inside and outside the college. ICIT also provides Internet access to hostel students.

- Placement Cell and the Central Library also have the computer and internet access. Internet access is made available in the Mathematics department library for students
- Computer and internet access to teachers and students has been enhanced by providing 13 computers with internet facility in the new Computer Lab

30. FINANCIAL AID TO STUDENTS

Every Department in the College has Scholarships for encouraging the student aptitude towards academics.

<i>Department</i>	<i>Amount</i>
Malayalam	3100/-
Hindi	100/-
History	1250/-
Economics	5000/-
Psychology	1700/-
English	10000/-
Maths	13100/-
Physics	14750/- + 5500
Comp.science	1500/
CM&E	1500/
Chemistry	3000/-
Botany	2000/-
Physical education	1100
Zoology	750/-
Physical Education	1100/-

- The members of the Alumni Chapter of North America (UCCAANA) have instituted an Educational Endowment fund to support students who need financial assistance.
- The Ford Foundation has sanctioned Rs. 15 lakhs (5 lakh /year) for three years (2009/10 – 2011-12) as financial aid to students
- Botany: Assistance for field trip was arranged for final year B.Sc. students. Sosamma Philipose Endowment Scholarship (A total of Rs. One lakh per every year) to 15 BSc. Students(Rs. 4000/ each). Books for needy students, library books and equipments were provided. The other regular scholarships from the college continued this year also

Department of Mathematics

- Semester toppers in the University Examinations are being given fee waiver in the succeeding semester in the MCA program.
- Fee waivers are also granted to the students based on merit cum need after inviting applications from the students. Other than financial assistance mentioned above special financial assistance was given to economically backward students by the faculty.

31. ACTIVITIES AND SUPPORT FROM ALUMINI ASSOCIATION

- Annual Alumni re-union day was celebrated on 13.11.2010

32. ACTIVITIES AND SUPPORT FROM PARENT-TEACHER ASSOCIATION

- Assist management by providing necessary stationery to conduct examinations.
- UG & PG orientation programs, open houses programs and college union activities are conducted with the support of PTA.
- Financial assistance for the construction of toilets and drinking water facilities.
- Salary of the placement officer of the Guidance Bureau and Placement Cell is met by the PTA
- Financial assistance for conducting department wise seminars/workshops.
- PTA meets the full expenditure incurred in the campus beautification programs.
- Supports the needy students by providing financial assistance for medical treatments.
- Supports the college in conducting the felicitation program for the rank holders and farewell program for the final year students

33. HEALTH SERVICES

- In November, 2010 NCC and NSS wings of the college organized a blood donation camp & organ pledge which was organized by 22(K)Bn & I M A ,Aluva
- An awareness programme on “ Monsoon Epidemic fever was conducted on 21/7/2010

34. PERFORMANCE IN SPORTS ACTIVITIES

The following students won the Best Performance cash award in sports and games MG University during the year 2010-11

1. Jithesh.P (Hockey),	II Bsc Chemistry	Rs.4000
2. Jijith.J (Hockey),	II BA History	Rs.4000
3. Santhosh.M.T (Judo)	II BA History	Rs.1500
4. Krishna Prasad (Netball)	II BA History	Rs.1500
5. Paul John (Netball)	II BA Psychology	Rs.1500
6. Bijo.P.R (Hockey),	II BA History	Rs.1500
7. Ashish Cherian (Netball)	II CME	Rs.1500

COLLEGE SCHOLARSHIPS 2010-11:

Prof. T.B.Thomas prize to the Best Basketball Player	:	Mr.Paul John
Prof.C.P.Andrews memorial Prize		
1. To the best sports man	:	Mr.Shiju.N.Shaju
2. To the best Sports Woman	:	Ms.Vineetha George
▪ Prof.C.G.Varghese endowment sports welfare scholarship :		Mr.Santhosh.M.T
▪ Mr.N.R.Kesava Menon endowment prize :		Mr.Salaj.A.S
▪ Prof.Aleyamma Itty merit cum need scholarship for the outstanding women sports student	:	Ms Revathy Retheesh

KERALA STATE SUVARANA JUBILEE SCHOLARSHIP – Rs.10000/-

1. Shalma.C.K -	III BSc Zoology (Hockey Player)
2. Pravitha.K -	II BA History (Hockey Player)
3. Anu.V.S -	II BA Psychology (Hockey Player)

STUDENTS WHO REPRESENTED THE STATE IN NATIONAL LEVEL COMPETITIONS

1. Mintu.T.A	II BA Psychology	(Hockey)
2. Saikrishna.T	I BSc Physics	(Hockey)
3. Alina.V.Kumar	I BA Economics	(Hockey)
4. Vineetha George	II BSc Zoology	(Softball)
5. Revathy Rethesh	II BSc Zoology	(Softball)
6. Ayilya Sivan	I BA – Psychology	(Throw Ball)
7. Santhosh.M.T	II BA History	(Judo)
8. Shiju.N.Shaju	III BSc Physics	(Baseball)
9. Pravitha.K	II BA History	(Hockey)
10. Jimshy.T.S	II BA Economics	(Hockey)
11. Shalma.c.k	III BSc Zoology	(Hockey)

STUDENTS WHO REPRESENTED M.G. UNIVERSITY

1. Vishnu.T.C	III BA Eco	(Baseball)
2. Sanish.K.T	III BA Mala	(Baseball)
3. Vineetha George	I Bsc Zoo	(Baseball)
4. Revathy Rethesh	II BSc Zoology	(Baseball)
5. Lakshmy Vijayan	III Bsc Comp Sci	(Tennis)
6. Athira Anil	IIBA Eco	(Football)
7. Chinju.A.P	II BSc Botany	(Cricket)
8. Nimsiya K.H	II BA Mala	(Cricket)
9. Ayilya Sivan	I BA Psy	(Cricket)
10. Vineetha George	I Bsc Zoo	(Cricket)
11. Santhosh M.T	II BA His	(Judo)
12. Arjun.M	II Bsc Physics	(Judo)
13. Paul John	III BA Psy	(Netball)
14. Ashish Cherian	II CME	(Netball)
15. Krishna Prasad	II His	(Netball)
16. Maryn P.Jose	III Bsc Phys	(Netball)
17. Yedhukrishnan	IIICME	(Netball)
18. Pravitha K	I IBA His	(Hoc)
19. Jimshy.T.S	II BA Eco	(Hoc)
20. Shalma.C.K	III BSc Zoo	(Hoc)

21. Anu V.S	II BA Psy	(Hoc)
22. Sisna.T	IBA Eng	(Hoc)
23. Krishnasree	IBA Eng	(Hoc)
24. Alina.V.Kumar	I BA Eco	(Hoc)
25. Remyababu	II BA Mala	(Hoc)
26. Arathi.J.Prakash	I BA Eng	(Hoc)
27. Saikrishna.T	II BSc Phy	(Hoc)
28. Jijith.J	II BA His	(Hoc)
29. Jithesh.P	II BSc Chem	(Hoc)
30. Bijoy.P.R	II BA His	(Hoc)
31. Najeeb.N.M	II MSc Chem	(Hoc)
32. Shiju N.Shaju	III BSc Phy	(Hoc)
33. Sajith Johnson	I BA His	(Hoc)
34. Pranav. P,	I BA His	(Hoc)
35. Alen.V.Sebastian		(Hoc)
36. Hariprasad	IBA His	(Hoc)
37. Subin Thomas		(Softball)
38. Siyad.P.S	III BA Eco	(Softball)
39. Sanu Mohan	III BA Mala	(Softball)
40. Jayalal K.J I	IMsc Bot	(Softball)
41. Salaj.A.S	II BSc Zoo	(Softball)
42. Vineetha George	I Bsc Zoo	(Softball)
43. Revathy Retheesh	II BSc Zoology	(Softball)
44. Ayilya Sivan	I BA Psychology	(Soft Ball)
45. Chithraraj	II BSc Chem	(Soft Ball)

STUDENTS WHO ARE SELECTED TO REPRESENT INDIA IN THE INTERNATIONAL LEVEL COMPETITIONS

Vineetha George & Revathy Retheesh were selected to Senior Indian Soft Ball coaching camp. Vineetha George was selected the best Soft ball player at the 32nd National match held at Chandigarh

ACHIEVEMENTS IN M.G. UNIVERSITY TEAM CHAMPIONSHIP 2010-2011 UC COLLEGE SECURED 152 POINTS IN THE OVERALL MEDAL TALLY AND “BAGGED THIRD POSITION” IN THE BEST SPORTS PERFORMING COLLEGE UNDER MG UNIVERSITY.

No.	Item	Men/ Women	Prize	Inter University level	National level	District level
1	Table Tennis	W	Third			
2	Hockey	M	Winner	10		
3	Hockey	W	Winner	10	6	16
4	Netball	M	Runner up	5		12
5	Baseball	M		2	1	16
6	Baseball	W	Runner up	4		2
7	Cricket	W	Winner	5		4
8	Football	W	Third	1		
9	Judo	M	Winner	4	1	4
10	Judo	W	Third	1		2
11	Softball	M	Winner	4		15
12	Softball	W	Winner	4	2	4
13	Tennis	W	Runner-up	1		
14	Shuttle Badminton	W	Third			
15	Kabaddi	M	Participated			
16	Football (Men)	M	Particiapted			2
17	Basketball	M	Participated			

- UCC men Hockey team won the 19th Dr. A. K. Baby Memorial Hockey Tournament held from 24th to 26th January 2011 and runners up in the women section.

Individual Achievements in Sports and Games

Ms.Vineetha George and Revathy Retheesh (I BSc Zool) Representing Kerala State in the Senior Nationals Softball Championship held at Chandigarh placed first position. Athira Anil (II BA Eco) representing MG University won third place in the South West Zone All India Inter Varsity Football

championship held at Gwalior 2010-11. Santhosh.M.T representing Kerala State in the Junior National Judo Championship held at Bangalore 2010 and placed 4th.

Other Inter-Collegiate Championships /Coaching camps organized

1. 19th Dr. A. K. Baby Memorial Hockey Tournament was held from 24th to 26th January 2011.
2. 40th U. C College Basket Ball Tournament was held from 2nd to 4th January 2011
3. 89th College Annual Athletic Meet was held from 31st January and 1st February 2011.
4. UC College organized MG University Cricket (Women), Hockey (Men), and Basketball Men – North Zone tournaments (2010-11).

35. INCENTIVES TO OUTSTANDING SPORTS PERSONS

6 Boy students were given free accommodation and 3 girls outstanding sports students were given free accommodation and boarding in the college hostels during the year 2010-11. 11 hockey women sports hostel students were given free accommodation in the college hostel.

36. STUDENTS ACHIEVEMENTS AND AWARDS

Department of Malayalam

▪ Student's Books Published:

1. Vijayasree Menon- *Samskarika Prakatanangal*
2. Martin George – *Koode Kalambi Nadakkunnavar*
3. Sunil Jose – *Irupurathil Kaviyathe Pinneyum*

- Lakshmi Das won the First prize in the Kairali Mambazham Competition, 2010.
- Adarsh C. has been awarded the Ph.D Degree from SSUS, Kalady.
- Gireesh Karunakaran and Harikumar K. directed short films.
- Sunil Jose, Syam Babu and Robert have been joined the faculty of College/ University.
- Martin George, Brucily Kuruvila Thomas and Maria Paul joined as school teachers.
- Mary Jain and Divya S. have been qualified NET/JRF.

Department of English

- Anjali K. – Republic Day Camp & Parade (New Delhi), 2011
- Neenu Rajeev – Kalathilakom in MGU Youth Fest
- Aathira A. & Anand K. – 1st Prize for Poem recitation and presentation held at St. Xavier's College, Aluva
- Anand K. & Team – 1st prize for Ad-Zap at St. Xavier's, Aluva
- Anand K. – 1st prize for Debate at MarThoma College, Pbvr.

Literary/Media Involvement

- Short Stories/Poetry/ Film Lyrics – Ms. Riya Joy
- Short Films – 1. Mr. Anand K. (*Nilaykkatha Sneham*, Prey, Mirage)
(Mirage – selected for Screening at Thrissur Short Film Fest)
2. Mr. Srikanth V. (Insight)

Department of Physics

- Mr. Balasubramaniam M PG Physics student presented a paper on Optical Characterization of ZnO:K quantum dots prepared by wet method(MSc Project) in the International Conference on Materials for the Millennium held at CUSAT on January 11-13,2010
- Akhil Dev of Physics department won second prize in Clay Modeling in the MG University Youth festival
- Ms. Preetha P Nair and Thasni .N have been sanctioned the Scranton Scholarship by SWLC, Seoul, S.Korea

Department of Chemistry

- Miss. Shahana and Miss Sreelaksmi of II BSc Chemistry were awarded the Scranton Scholarship by the Scranton Women's leadership centre, Seoul, S.Korea

Department of Mathematics

- Six undergraduate students (three from third year and three from second year) participated in the eleventh undergraduate Mathematics training camp held at Centre for Mathematical Sciences, Pala campus from 21st to 30th August 2010. Mr.Janson Antony of III B.Sc. was selected as the best participant based on the credits he scored in various tests during the camp
- Mr. Janson Antony of III B.Sc. Mathematics participated in the **MATHEMATICS ENRICHMENT PROGRAMME** for B.Sc. students conducted on Saturday the 13th November 2010. The program was hosted by the Department of Mathematics, Cochin University of Science and Technology, Kochi, Kerala.

Quiz team headed by Mr. Janson Antony has won outstanding positions in various competitions. The details are as follows:-

- Second prize in the **MATH-QUIZ** competition held on 5th October 2010 under the auspices of Mathematics Association of St. Joseph's College, Irinjalakuda, Kerala.
- Third place in **Inter Collegiate Quiz competition for Prof. M.J.Thomas ever rolling trophy**, conducted by the Department of mathematics, Basilius College, Kottayam, Kerala held on 14th October 2010.
- Third prize in the **Mathematics Quiz Competition** conducted by the department of Mathematics, St.Teresa's College, Ernakulam, Kerala on 8th December 2010.
- Third prize in the **PAPER PRESENTATION CONTEST IN GENERAL MATHEMATICS** held on 15th January 2011, conducted by Department of Basic Sciences & Humanities with mathematics Club of Rajagiri College of Engineering & Technology, Rajagiri valley, Kakkanad, Kerala.
- Second prize in the **All Kerala Inter Collegiate Quiz Competition in Mathematics** held on 28th January 2011 at Christ College, Irinjalakuda, Kerala.
- Cash prize of Rs.1001/- in the **Inter Collegiate Quiz Competition** held at Nirmala College, Moovattupuzha, Kerala.
- Mr.Jisto Ouseph of II M.Sc. attended an International seminar on Stochastic Finance held at St.Peters College, Kolencherry on 10th February 2011

Department of History

Arts Festivals

1. Akhil Joy got first prize in photography in University
2. Ms Anil, B.A history participated in a series of street lays and nadan pattu in various venues in the state in association with a non government

Department of Psychology

Paper presentations by students

PG students

- Cinderella VP and Asha Ravi - Self esteem among old age, National seminar on 'Empty Nest Syndrome- A growing concern of Indian Community' Morning Star Home science College, Ernakulam
- Athulya Jayakumar – Review paper on 'Conceptualizing anger' ay University of Calicut Oct 2010
- Athulya Jayakumar – Jealousy in relation to gender and marital status in Indian concept. International Conference at JNU, Dec 2010
- Devika S Bose. Pwersonality and Life satisfaction in people with internet addicition disorder. International Conference at JNU, Dec 2010

UG students

- **'The Young Psychologist Competition'** conducted by Christ University, Banglore, 15 December 2010
 - Vidya N - Criminal Behaviour – a retrospective exploration
 - Sharanya V & Sruthy Vijayan Menon – Appearance sensitivity rejection among youth – influence of media.
- **15th International Conference on 'life skill and quality of life' January 2011 at Mysore University**
 - Vidya N – Criminal Behaviour
 - Naila Abdul Kareem – Attitude towards homosexuality

- Tanya Francis – Driving – contributor to self efficacy

- **National Conference on ‘Psychology of Sport’ January 2011 at Nagarjuna University, Andhra Pradesh**

- Sajin Xavier – Predictors of self efficacy among competitive, non-competitive and non-swimmers

- Paul John Konat – Influence of Perceived Autonomy Support on the motivational level of players

Department of Botany

Paper presented in the Kerala Botanical Society Project Competition- Two students from M.Sc.

1. Rose Kooran
2. Snitha Sukumar

Paper presentation in National Symposium organized by Society on Applied Biotechnology, Bangalore

Title of the paper: Search for Bioprospection for phytoecdysoids in Kerala flora: Value addition to biodiversity- **Best paper award for oral presentation by Shri. Sreejit C.M, Research Scholar**

37. ACTIVITIES IN THE GUIDANCE AND COUNSELLING UNIT

The center organizes orientation program for students and also provides counseling facility to the needy.

- Group discussions were held in many classes to improve the communication ability of the students.
- A class was given to M.Sc final year students regarding the topics resume preparation, interview tips etc.

38. PLACEMENT SERVICES PROVIDED TO THE STUDENTS

The career Guidance Bureau, upgraded into the Placement Cell under the supervision of a senior member of the faculty and a full time Placement Officer. The activities of the placement cell were

- Eureka Forbes conducted a placement drive for marketing executives, and 5 candidates got selection from our college..
- Xcelris Labs selected 2 students from M.Sc Bio informatics.

- 2 students were placed in Revenue Med from M.Sc Bioinformatics.
- One student from Chemistry department was selected by Appolo Tyres.
- 5 students were placed in Wipro.
- Jubilant conducted a placement drive for M.Sc Chemistry and 3 students were selected.

39. DEVELOPMENT PROGRAMMES FOR NON-TEACHING STAFF

- Office staff attended one day seminar on office administration organized by ICIT.
- Now they are well versed with the use of office software.

40. GOOD PRACTICES OF THE INSTITUTION

Training programs in Communication skills, Group discussion, interview techniques, confidence building, Time management etc. are being conducted at the undergraduate level and post graduate level

I) Innovative method of Teaching

Apart from the conventional classroom lectures, the learning is made more student participatory particularly at the postgraduate level. The teacher deals the theory in detail and the applications, qualitative details, problems etc. are presented by the students. Remedial programs are conducted for SC/ST and minority students.

Certain Departments have introduced Zero Hour Teaching in which teachers engage classes on topics not specified in the syllabus before and after the regular college timings. UGC NET training classes are also offered during Zero Hours. Peer Group teaching is followed in certain departments where advanced learners teach the weak learners as groups.

ii) Model Examination & Internal Examinations

One Model examination in December and two Internal Examinations, one in August/September and another in February are being conducted for the Undergraduate classes centrally. A Committee, constituted in one of the Staff Council Meetings, supervises the examination proceedings. Printed question papers with 25 questions (10 with one mark each and 15 with 2 marks each) carrying 40 marks and separate printed answer sheets are distributed in the One-hour internal examinations.

iii) Open - House Programme

After the first Internal Examinations, the teacher in charge of each class prepares progress cards for each student. The parents are asked to be present with their wards in the departments on a fixed day for having interaction with the teachers and to know more about the overall development of their ward. The progress cards are given to the students in the presence of their parents. The students are encouraged to open up their minds and share their difficulties in following the classes etc. This program is very useful to the teachers, as they can know more about the students, and the students and parents as they get a first-hand feed back from the teachers.

i) Tutorial System

Each class is divided into groups of 10-15 students, with a teacher in charge for each group. This teacher interacts with the students of the group closely and frequently. This helps to identify students with special needs academically and otherwise, and to ensure helping preparing the progress reports of students.

ii) Value Education

Value education classes entitled **Issues and Ethical Responses** were held for all classes. One hour every week during the second term was set apart for this activity. A syllabus has been formed for this and source materials are made available for teachers. A wide variety of topics relating to issues in contemporary life are the major points of discussion. The feed back from students is obtained in a prescribed evaluation format.

V) Alumni Reunion

The college conducts the Alumni Reunion day on the second Saturday of every November. A large number of old students and friends of the college attend the program and cherish memories of their Alma Matter.

In addition, alumni reunion programs are held Department wise also.

VI) Farewell meeting to outgoing UG students organized by the College

Every year the college conducts a meeting to bid farewell to the outgoing students of the UG program in association with the PTA of the college. During this program students speak out their opinion and views about the college and this practice has been an eye opener to the college authorities. The entire College Community participates in the program.

The college also conducts a Felicitation Meeting to congratulate the university Rank Holders every year. The rank holders are presented with mementoes in the presence of the entire student community of the college.

VII) Batch wise Orientation Programs

Orientation programs are organized for the UG First, second and third years separately to collect feedback on the performance of the college and the departments.

41. LINKAGES DEVELOPED WITH NATIONAL / INTERNATIONAL, ACADEMIC / RESEARCH BODIES

Ford Pathways Cell

The Ford Pathways Cell established at our College in September 2010 has charted out a variety of activities such as a series of seminars on Gender Equality, and Social Justice, a Mock Parliament, Thematic Film Screening and Film review, Intercollegiate quiz competitions, and the like. For the first year Rs. 5 lakhs has been sanctioned, and for the next 2 years, an yearly grant of Rs. 5 lakhs will follow.

- Union Christian College Alumni Association of North America (UCCAANA) is a very strong supporter of the College. Over the last few years they have been instrumental in funding us for specific projects such as subscription to e-journals, library development etc. With their tie-up with UBCHEA transfer of funds to the College has been facilitated.
- Hope College, Holland Michigan has initiated a faculty- student exchange program with U.C.College. They will be gifting a set of DNA lab equipment to the Botany Department. Two students and a faculty are selected to train on this equipment in the Biology Department, Hope College this year.

- The centre for Environmental Studies(CES) has been selected as one of the Nodal Centers for Environmental studies of Asia by the United Board.
- Dr. KC. Chacko a former student of the college has gifted a fund of \$10000 through hope college Holland Michigan for purchasing DNA lab equipment in botany.
- Archaeological Museum Among The 67 Documentation Research Centers In The Country Under The Ministry Of Culture, Govt of India

42. ANY OTHER RELEVANT INFORMATION THE INSTITUTION WISHES TO CONVEY

- College infrastructure and man power is used for examinations like IIT preliminary ,private and off campus examinations..
- **Parent Teacher Association:** Many of the programmes conducted in the college are in association with the PTA. The various programmes organized were Orientation programme for new comers both undergraduate and graduates, felicitation to rank holders, financial support to Open House and for the Internal Assessment examination, campus beautification etc
- **College Union Activities:** The College union elections were held on September 16, 2009 and the elected members of the union took oath on 25-10-09.

<i>Events</i>	<i>Date</i>
Union Inauguration	20-10-2010
Keralapiravi	1-11-2010
Book Fest	16-19 oct-2010
Arts festival	13-14 Dec-2010
Photo Exhibition	14-2-2011
Winners Day	16-2-2011
College Day	18-2-2011

Minority Status Certificate for the College

The College has been awarded the Minority Status Certificate by the Minority Commission of India.

UCC selected as Election Center

Our College was selected as a Center for Distribution, Collection, Storage and Counting in the 2011 Kerala Assembly Elections, as per the orders of the Election Commission of India.

SECTION C: Outcomes achieved by the end of the year (attach separate sheet if required).

- Accredited by NAAC with A Grade.
- Celebrated Navathi Year 2010-'11
- Renovation work was carried out in Physics and Botany blocks and Student Resident Centre with the support of UGC. More drinking water facilities were installed. Additional toilets for girls were constructed in Physics and Biology blocks.
- Purchased generators in Physics, Botany and Chemistry departments.
- Office automation was completed.
- State of the art research equipments were purchased by Botany, Chemistry and Physics departments.
- Central Public Announcement System has been put in place.
- 90 Tree saplings were planted as part of 'Haritha Varsham' and Navathy programme.
- All sanctioned faculty vacancies were filled in aided and self financing stream.
- Began coaching program for entry in Civil Services for ST /SC and Minority Students
- Started remedial coaching program for ST /SC and Minority students.
- Seminar / workshops were organized by various departments.
- Computer training programme was organized for the administrative staff.
- Minor / major research projects were sanctioned by the UGC and are progressing.
- The Departments of Zoology, Psychology and English conducted a number outreach/extension programmes
- Reprographic centre has been started with PTA support.

- Started the CSRS(Centre for the Study of Religion and Society) with the financial assistance of C. P. Mathew chair
- College website has been redesigned and is now capable of being updated by concerned teaching departments.

SECTION D: PLANS OF THE HEI FOR THE NEXT YEAR.

- IQAC is to be reconstituted
- The vacant posts created by retirements during 2010-11 has to filled
- New academic block is to be constructed.
- Extension work of ladies waiting room is to be completed.
- Under the scheme of National Mission of Education by BSNL 10Mbps broad band facility is to be extended to all departments.
- At least three add -on course have to be started and developed as a consultancy and extension centre.
- The present facilities for the research scholars will have to be improved. More research projects are to be applied for
- Campus networking project has to be completed as early as possible.
- The international linkages are to be further strengthened. Staff and student Exchange programmes with colleges and universities abroad are envisaged as well.
- New Library Building has to be built at the earliest.
- In the sports section, a volley ball court and Net Ball facilities are to be completed.
- The Department of Physical Education planning for conducting a course in *Yoga and Stress Management* (Theory cum Practical) from 2011 onwards
- The Placement Cell of the college has to be made more effective
- The Remedial Teaching program for SC/ST and minority students will be continued effectively. Career guidance will be given to such students

- The Psychology department plans to conduct workshop in Research Methodology Upgradation of the department as research centre is also a major plan
- With the funds from UG C FIST grant, the Botany dept is developing a DNA lab and computer lab.
- The Ford Pathways will coordinate student activities and award scholarships to meritorious students with the fund received from CSES, Ford Project during 2011-12

Prof. L.Sushama.
Coordinator, IQAC

Principal