

# **ANNUAL QUALITY ASSURANCE REPORT (AQAR 2009-'10)**

*Submitted to*

**THE NATIONAL ASSESSMENT AND ACCREDITATION  
COUNCIL  
Bangalore**



**Christ College, Irinjalakuda  
Kerala-680 125  
(Re-Accredited by the NAAC with A Grade)**

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## **The Annual Quality Assurance Report (AQAR) of the IQAC**

**Name of the College** : Christ College, Irinjalakuda

**Year of report** : 2009-'10

### **INTRODUCTION**

Christ College, Irinjalakuda, Kerala, was started in 1956, by the Devamatha province of the Carmelites of Mary Immaculate (CMI), an indigenous religious congregation founded in 1831. It was founded as per the provisions of the Indian Constitution, Part III, 30 (1) and is administered by Christ Educational Society (Reg. No 137/75). Christ College is dedicated to Jesus Christ, and has its motto "*Jeevith Prabha*", meaning light of life.

Christ College is part of a century old tradition of CMI education that is at its heart, Christian and specifically catholic. It offers an ideal vision of education that is aware of and responsive to the challenges of the nation's present situation.

Christ College, having a history of nearly half a century of providing education to the rural masses, had celebrated its golden jubilee in the academic year of 2005-06. Over the past years, it has made considerable progress striving to achieve the goals and objectives of its founders and bringing in a marked difference in the socio-economic status of the locality.

The College has also been active in strengthening the overall development of students and tapping the potential of rural youth by providing training in physical education and other co-curricular activities.

Social service has been a mission of the institution. The College has been inculcating the spirit of commitment to the social cause among the students by exposing them to the services provided in its sister institutions set up for the deprived, poor and disabled people.

It is an aided institution, affiliated to the University of Calicut and is accredited with B++ grade in 2003 by National Assessment and Accreditation Council (NAAC). This

year, the most memorable event was the re accreditation process of the college by the NAAC that held during November. The College was reaccredited by the NAAC as 'A' Grade College with a CGPA of 3.02.

After the first accreditation process, the Internal Quality Assurance Cell (IQAC) was constituted in the College for ensuring quality sustenance and enhancement as per the guidelines of NAAC. The members of IQAC during 2009-10 are

1. Rev Dr. T. M. Jose, Principal – Chairman
2. Dr. K. V. Baby, Reader, Department of Zoology – Coordinator
3. Dr. K.T. Thomas, Head, Department of History
4. Shri. C.J. Jose, Head, Department of Physics
5. Shri. C.L. Baby John, Head, Department of Commerce
6. Dr. John Thomas, Reader, Department of Zoology
7. Shri. Babu Antony Menachery, Department of Chemistry
8. Shri. George Kolengaden, Department of Economics
9. Dr. R. V. Rajan Reader, Department of Geology and Environmental Science
10. Dr. T. Vivekanandan, Department of BPE
11. Dr. Davis Antony Mundassery, Department of Statistics
12. Smt. Sheeba Varghese, Department of Hindi
13. Shri. T. P. Varghese, Librarian
14. Shri M. P Jackson, Municipal Chairman
15. Shri. John Francis K, MD, KLF Oil Mills
16. Adv. T. J. Thomas, OSA Vice President
17. Shri. V. Nandakumar, PTA Vice President

## **PART A**

**The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.**

The major concern of the College at the beginning of the academic year was focused on the completion of re accreditation process by the NAAC. The preparation of the Re Accreditation Report (RAR) was in progress. In connection with this process, ample thrust was given to both infrastructural and academic developments of all departments.

**The main proposals in the action plan were :**

- To gear up preparation of the re accreditation report, enabling the institution to submit the RAR by August 2009.
- To seek the cooperation of all faculty members for constituting various committees for the NAAC peer team visit.
- To encourage the faculty members without research degree to register for Ph. D programme and to carry out research works in their areas of interest
- To depute eligible faculty members under the faculty development programme offered by University Grants Commission to complete their ongoing research work.
- To provide facilities to register more candidates for Ph. D programs in the research departments of the College and include the PG students in research oriented programmes.
- To encourage faculty members and researchers in various departments to present their research findings in National and International Conferences/ Seminars.

- To encourage faculty members to submit proposals for minor/major research projects to various agencies for availing financial support.
- To encourage all researchers including faculty members to submit their research papers in various reputed national and international journals for publication
- To persuade the department heads and faculty members to organize seminars on the new developments in various subjects and the influence of information technology in their respective areas.
- To ensure the participation of faculty members in refresher courses, seminars, workshops, etc and also to encourage potential faculty members to contribute in such programmes as resource persons
- To request government sanction for new appointments in various departments.
- To submit proposals for the sanction of new regular and add on courses.
- To organize series of inter disciplinary lectures on topics of current interest.
- To undertake more extension activities in tandem with needs of the public and the student community
- To conduct the remedial coaching classes for poor performing students and enrichment programmes for outstanding students more effectively.
- In view of the coming mass recruitment programmes to be organized by various recruitment agencies to the vacancies arising in banking sector, the Career Guidance and Placement Cell planned to conduct training programmes on bank test. It was also recommended to conduct coaching classes on various competitive examinations

- To attract more companies and institutions in banking, insurance and information technology sectors to conduct campus recruitment drives at the College.
- To open a career counseling centre and appoint a part time counselor for the benefit of students.
- To improve the facilities provided for students especially the essential facilities like girls' toilets, rest rooms etc.
- To improve the facilities provided in the canteen.
- To provide more computers in the internet café so that more number of students can get the service
- To purchase new books and to subscribe new journals and CDs in library
- To complete the bar coding process of the library books soon
- To revamp the College website by making it more dynamic and informative.
- To renovate the College administrative office and provide more modernized technologies and efficient service through that.
- To extend the services of NSS and NCC at the essential public places and to take part in the duties discharged by government departments like traffic, hospital, etc.
- To organize departmental alumni meet and the common alumni meet of the College in a more colourful way.

**The outcomes achieved by the end of the year**

The most commendable outcome of this year was the reaccreditation of the institution by the NAAC with 'A' Grade. A detailed and well organized re accreditation report was prepared and submitted to the NAAC in June for evaluation. Following this, various criterion wise committees were formed to facilitate the peer validation of the report by the NAAC team. All faculty members, students and non teaching staff extended their whole hearted and boundless help to make the peer team validation process effective and tussle free.

During the year 2009-10 five faculty members belonging to various departments were deputed under the faculty development programme of the UGC to complete their programme. Moreover, a few faculty members registered for doing Ph. D. during this year and submitted the proposal to UGC for getting deputation under the above scheme. The research work of one research scholar of the department of Zoology was completed and the degree was awarded. A few new candidates have joined in various research departments of the College. This year, certain faculty members have started two major projects and four minor research projects sponsored by different funding agencies. During the year 2009-10, the College organized one international seminar and one national seminar. Many self funded invited talks/seminars were organized by various departments of this College. A sizeable number faculty members attended in more than fifty national/state level/international seminars organized by various departments of our College and also held at other campuses. Many teachers also presented their research findings in these symposia and seminars. The faculty members and research scholars from various departments have published more than seventeen research papers in reputed national and international journals. A series of interdisciplinary lectures on various current topics were also arranged. The committee organized for this purpose took the initiative to invite the most renowned persons to deliver talks.

Dr. A . V. George, Department of Geology and Environmental Sciences received the St. Berchman's award for the best teacher, instituted by St. Berchman's College, Changanassery. In addition to that, Prof. M M Ghani best teacher award instituted by



University of Calicut was won by Dr. K T Thomas, Head, Department of History. During this period the College secured four University ranks in UG and two in PG.

The steps to recognize Department of Physics as a research centre is in progress. The College has submitted the proposal to the UGC and University for their approval to start new regular and add on courses in various departments. The add on courses already sanctioned during last years are going on. Remedial coaching classes were engaged for weaker students including students belonging to SC/ST category. The College has conducted coaching classes for UGC/CSIR NET/JRF exams in certain subjects. The civil service examination training programme is going on smoothly.

Considering the mass recruitment drives coming up in various scheduled and nationalized banks, the Career Guidance and Placement Cell organized an elaborate bank test training programme. Moreover, many awareness talks regarding the job opportunities in various sectors like insurance, information technology, animation and communication techniques were also arranged. Talks on job scope of higher programmes were arranged for the benefit of needy students.

The infra structure development was also considered with due importance. The additional toilet facilities, especially for girl students, additional water taps, etc were provided. The renovation works in the College canteen were also completed. The internet facilities for students were augmented. More books and journals were purchased by the library. The bar coding work has been completed and the issue of books is now fully computerized. Revamping of the website was done and the renovation works of the College office have also been completed.

## Part B

### 1. Activities reflecting the goals and objectives of the institution

The institution has well defined goals and objectives for imparting quality education to its students, making them well disciplined, honest, socially committed with a sense of concern to all beings. The mission, goals and objectives of our institution are listed below.

#### ***OUR VISION***

*“Service of the humanity by developing the potential of individuals and enlightening them through higher education”*

#### ***OUR MISSION***

- ❖ *To impart quality education to students, imbued with Indian ethos and enriched with universal values.*
- ❖ *To make the youth eminently national, but preeminently international with a cosmopolitan outlook.*
- ❖ *To train the youth today to become responsible citizens of tomorrow to make a prosperous nation*
- ❖ *To make the youth catalysts in transforming the society as a whole by human dignity, truth, justice, righteous, harmony and nobility.*

In order to enhance the quality standards achieved through the past years, all the activities of the institution were directed on attaining these goals and objectives. Our quality maintenance measures such as the internal evaluation process, the tutorial system, the interactive programmes with students and their parents, the student feedback on teacher performance etc are directed towards better performance of the student community and teachers. The value education classes and life guidance seminars enable the students to become morally fit. Realizing the essentiality of generating a sense of concern to fellow beings in students' mind, the activities of NCC, NSS, CSS, CSA, Student Clubs and Student Union etc were streamlined towards that direction.

## 2. New Academic Programmes Initiated (UG and PG)

No new academic programmes have been initiated during this year. Apart from the regular courses offered by the institution, this year also the Add on courses sanctioned earlier are going on. We have submitted the proposal for starting various regular and add on courses to the UGC and University.

### Details of the existing Add on Courses

Sl. No	Name of the Programme	Department
1	Communicative English	English
2	Taxation and tax Procedure	Commerce

## 3. Innovations in Curricular Design and Transaction

The role of affiliated Colleges in designing a curriculum and syllabi of a programme is negligible. Even though we communicate with bodies responsible to do these assignments through members of academic or similar bodies. The following faculty members are members of such academic and administrative bodies of different universities in Kerala.

Sl. No	Name	Subject	Academic/Admn. Body	University
1.	Dr. V D John	Chemistry	Chairman, UG Board of studies and member of faculty of Sciences	University of Calicut
2	Mr. K J Antony	Chemistry	Chairman, UG Board of studies	University of Calicut
3.	Dr. S. Sreekumar	Geology	Board of Studies	Mahatma Gandhi University
4.	Dr.S.Sreekumar	Geology	Board of Studies	University of Calicut
5.	Dr.S.Sreekumar	Geology	Member of Academic Council	University of Calicut
6	Dr. V D John	Chemistry	Member, CCSS Steering Committee	University of Calicut

7	Dr. B P Aravinda	Physical Education	Member – PG Board of Studies	University of Calicut
8	Dr. T Vivekanada	Physical Education	Member – UG Board of Studies	University of Calicut
9	Dr. Pius K Jacob	Zoology	Member – PG Board of Studies	University of Calicut

Mr. E J Vincent, Department of Botany, is senate member of the University of Calicut. Event though faculty members of the affiliated Colleges have insignificant role in curriculum design, these faculty members in their various capacities help to implement the innovative ideas of the College in restructuring the syllabi and curriculum. Moreover, all faculty members actively participate in the centralized valuation camps organized by the University. We make use of this opportunity to discuss the various merits and demerits of the curriculum and syllabi. We also take this opportunity to share the feed back collected from the final year students regarding their curriculum with the academic peers of various colleges and give suggestions and recommendations to the respective academic bodies. The three year under graduate programmes in various affiliated Colleges in Kerala have been restructured as Choice Based Credit Semester System. In view of this a one day seminar on restructuring of the degree was conducted to discuss the changes in the curriculum and credit scheme of evaluation. The institution has taken all necessary steps for the effective implementation of the curriculum in all departments. Film versions of the prescribed text books, ICT oriented classes, power point presentations of the topics taught, study tour, the resources of experts from various fields and other study tools made this process a success. The Physics department conducted an orientation programme on the new curriculum. The fund sanctioned for conducting add on courses have been effectively utilized during last years and now we have forwarded the proposal for starting various add on courses submitted by six departments to the UGC. Their syllabi were designed by faculty from different departments. The Department of Geology and Environmental Sciences has applied for recognition as a Research Centre of University of Calicut under the Faculty of Science and the process of Physics department for the same goal is in progress.

**4. Inter-disciplinary Programmes Started.** The Add on courses offered by various departments are of interdisciplinary nature.

**5. Examination :**

The College has an excellent machinery for conducting examinations. A Chief Superintendent and an Assistant Chief Superintendent were appointed for the smooth conduct of the examinations.

1. Mr. E J Vincent, Chief Superintend, Department of Botany
2. Mr. P P Thomas, Assistant Chief Superintendent, Department of Physics

The Chief Superintendent is entrusted to conduct the terminal examination twice in an academic year. Apart from this he will be the internal chief examiner of annual university examinations. To assist the chief examiners, a committee for internal examinations will also be constituted. The time table of the internal examinations would be given in the academic calendar at the commencement of the programme itself. As a part of the continuous evaluation, class tests were also conducted as and when required. Model examinations for all degree students were conducted on the University Examination pattern. This process of continuous evaluation also includes creating an opportunity to have an open discussion for the student with the tutor concerned and gave timely advice and proper guidance to those who did not perform well. An interface between the parents of students and tutor will also be arranged to discuss the progress of their ward. This discussion will enable the students to become more serious and responsible to their academic matters.

**6. Candidates Qualified NET/SLET/etc**

Sl. No	Name	Department	Examination
1	Jilna Alex	Zoology	UGC - NET
2	Femy O A	Commerce	UGC - JRF
3	Soumya Stephan	Commerce	UGC - NET
4	Jini T K	Commerce	UGC - NET

5	Praveen kumar	Chemistry	CSIR - JRF
6	Anjali K	Chemistry	CSIR - JRF
7	Sandeep C	Chemistry	CSIR - JRF
8	Bijesh M B	Chemistry	CSIR - JRF
9	Gopakumar	Geo & Envi. Science	UGC - NET
10	Anu J. Ponnar	Geo & Envi. Science	UGC - NET
11	Nimmy K.C.	Geo & Envi. Science	UGC - NET
12	Jeena Jose	Geo & Envi. Science	UGC - NET
13	Liji Maliyekkal	Economics	UGC - NET
14	Rasmi	Economics	UGC - NET
15	Nees Paul	Physics	UGC-NET
16	Fathima P A	Zoology	UGC-NET

### 7. Faculty Development Programme.

The institution pay due importance for the need of faculty development programmes and many faculty members were deputed for pursuing higher studies, especially for doctoral research. The management encourages the faculty members to involve in research activities and also to pursue the research work by acquiring financial assistance from various funding agencies.

Sl. No.	Name of Faculty Development Programme	Nos
1	Participation in Refresher/ Orientation Course	7
2	Subject related Seminars/ Workshops/Conferences attended	52
3.	Quality related Seminars/ Workshops/Conferences attended	9
4.	Teachers doing research (Full Time)	5
5.	Teachers doing research (Part Time)	17

For more details see Annexure I

**Teachers Awarded Ph.D.**

Sl.No	Name of the Teacher	Department	University
1	A J Thankachan	English	University of Calicut

**8. Total Number of Seminars and Workshops conducted.****a) International Seminar -1**

1. An International Seminar on Nanotechnology and Nanomaterials, Current Status and Emerging Trends”, sponsored by UGC and KSCSTE, at Christ College, Irinjalakuda, on 8<sup>th</sup> and 9<sup>th</sup> February, 2010 organized by the department of Geology and Environment Science. .

**b) National Seminar – 4**

1. Department of Physics -1
2. Department of Commerce -1
3. Department of Zoology -1
4. Department of Malayalam-1

**c) Workshop – 1**

1. Department of Zoology -1

**d) Self funded Seminars. – 12**

As a usual practice of the institution every department will organize self funded seminars and invited lectures jointly with the initiative students' associations. (Details given in Annexure II)

**9. Research Projects**

Teachers of different departments continue their research interests through projects funded by various agencies. During this academic year, we have nine major and seven minor research projects of which two major and four minor projects are newly started and the remaining are on going. The projects sanctioned during previous academic

years are in progress. Moreover, many of the faculty members have submitted to various agencies for financial support to continue their research. The KSCSTE and UGC are the main funding agencies of the projects. For details see Annexure III.

#### 10. Patents generated : Nil

#### 11. New Collaborative Research Programmes : Nil

#### 12. Research Grants Received from various agencies :

The research projects sanctioned to the faculty members by different funding agencies are in progress. The details of the grants received from the agencies are presented in Annexure IV

#### 13. Details of Research Scholars

##### a) List of research scholars doing Ph. D

Sl. No	Name of researcher	Department	Full time/ Part time	Name of Research Guide
1	Rohini K C	Chemistry	Full time	Dr. John V D
2	Jayalal S	Chemistry	Part Time	Dr. John V D
3	Sindhu S	Chemistry	Full Time	Dr. John V D
4	Seena Thomachan	Chemistry	Full Time	Dr. John V D
5	K Krishnakumar	Chemistry	Part Time	Dr. Mathew Paul Ukken
6	Teji K T	Zoology	Full Time	Dr. John K Thomas
7	Sheenaja K K	Zoology	Full Time	Dr. John K Thomas
8	Jilna Alex	Zoology	Full Time	Dr. John K Thomas
9	Moncey Vincent	Zoology	Full Time	Dr. John K Thomas
10	Sethu Madhavan	Zoology	Full Time	Dr. John K Thomas
11	Preeji K P	Zoology	Full Time	Dr. John K Thomas
12	Rekha K	Zoology	Part Time	Dr. Balu T Kuzhivela
13	Thomas T A	Zoology	Part Time	Dr. Balu T Kuzhivela
13	P.N.Ajith Kumar	Envi. Science	Part Time	Dr. A V George



14	Nazar Ahammed -	Envi. Science	Part Time	Dr. A V George
15	U.B.Rekha	Envi. Science	Part Time	Dr. A V George
16	Suma Mathew	Envi. Science	Part Time	Dr. A V George
17	Pradeep V.U.	Envi. Science	Part Time	Dr. A V George
18	Elizabeth	Envi. Science	Part Time	Dr. A V George
19	Philip Augustin	Envi. Science	Part Time	Dr. A V George
20	Manoj A.K	Envi. Science	Part Time	Dr. S Sreekumar
21	Sankar	Envi. Science	Part Time	Dr. S Sreekumar
22	Biju Sebastian	Envi. Science	Part Time	Dr. S Sreekumar
23	Umadevi K S	Physics	Part Time	Dr. V P Joseph
24	Rajesh C	Phy.Edn	Part Time	Dr. T Vivekanandan
25	Shejin K V	Phy.Edn	Part Time	Dr. T Vivekanandan

**b) Ph. D Awarded from research centers of the College.**

Dr. Binoy V V, Department of Zoology was awarded Ph.D under the guidance ship of Dr. John Thomas

**c) Presentations of research papers in National/International conferences/seminars/ workshops etc**

Many of the faculty members attended various national and international conferences and presented their research papers. The details are given Annexure V

**d) List of Publications of the faculty members/Research Scholars .**

Twenty five research papers have been published during this year by faculty members and various research scholars of the institution. The details are given in Annexure V

**14. Citation : Nil**

**15. Honours/Awards to Faculty**

We are very proud to record the details regarding the awards won by our faculty members. We consider these awards as honour of the authorities for the valuable

services rendered by the faculty members to the student community and society. This year two of our faculty members received awards. The following table gives the details in this regard.

Sl. No	Name of the faculty	Department	Name of and Award Instituted by
1	Dr. K T Thomas	History	Prof. M M Ghani award for the best teacher by University of Calicut
2.	Dr. A V George	Geology	St. Berchman's award for best teacher by St. Berchman's College, Changanassery

#### 16. Internal Resources generated

PTA Fund	:	5,65,500.00
Parents to College development fund	:	6,20,000.00
Old students' association (including project assistance)	:	6,25,000.00
Students' aid fund	:	28,000.00
Miscellaneous	:	12,000.00
Dividend from off campus courses (from Management)	:	13,00,000.00

#### 17. Details of departments getting SAP/COSIST/DST/FIST etc Assistance/

: Nil

#### 18. Community Services :

Considering the importance of creating opportunities for students to generate a sense of social commitment, a sizable number of community services were carried out during this year. The main College bodies involved actively in such community services are N.S.S., N.C.C., C.S.A. and C.S.S.

##### N C C

- To foster the love of nature and the importance of the environment we arranged a tree plantation programme for our cadets. The programme was formally inaugurated by the

Principal Rev. Fr. Dr. Jose Thekkan by planting a sapling. Our cadets were made aware of the need to take care of the environment as well as to keep the surroundings clean and also to take care of the sapling planted in the campus.

- The cadets visited the “The House of Providence” the Old Age Home at Irinjalakuda and spent time for cleaning the surroundings, tidying the place and interacting with the inmates and sharing their thoughts and listening to their stories and also presented a small entertainment programme for the benefit of the inmates. They also distributed a few articles of daily use to the inmates besides some snacks.
- To create an Awareness of the Harmful Effects of Drugs and Alcohol a Bicycle rally was conducted from the College through the town and back to the College with placards displaying various messages for the public on the 7<sup>th</sup> of November 2009.
- Our cadets as part of their social responsibilities visited the Pratheeksha Bhavan special school for the differently abled children and spent some quality time with them. It was a worthy experience for most of us to be able to spend with them.
- This year a total of 16 SD and 7 SW cadets appeared for the ‘C’ certificate exam and 11 SD and 20 SW cadets appeared for the B certificate exam.

### **Compulsory Social Service (C S S)**

This is a unique venture designed by the University of Calicut to enhance the ability of students to take part in social activities. As per the University norms it is mandatory for all first, second and third year undergraduate students to do 42/30 days of Compulsory Social Work. Our students did the cleaning and the removal of the plastic waste from the College road, commencing the work from the Christ College junction and ending it at the AKP junction. The work was undertaken by different classes on different days till the venture was accomplished. All the first, second and third year undergraduate students enthusiastically participated in the programme. The road cleaning and the plastic removal programme was a part of the CLEAN KERALA PROGRAMME. The students also

took part in the campus cleaning programmes and works as directed by the class teachers.

### **N S S**

The academic year 2009-10 was an eventful year with a lot of programmes. The proper channelization of unbridled enthusiasm of our youth to serve the society took manifestation in the form of various new and innovative programmes. As a result we successfully introduced a lot of quite innovative programmes to serve the weak, marginalized and isolated groups of people. The NSS student police force project, NSS Helpline, NSS orchestra troop are the innovative programmes which we could successfully launch during this year. Some of the important events are listed below.

- **World Environment day**

We celebrated World environment day on 11-6-2009 by planting trees in the College campus.

- **Rain season disease prevention**

We conducted a general awareness programme in the adopted colony regarding the various measures against rain season disease on 13-6-2009.

- **Celebration of anti drugs day**

N S S volunteers celebrated the anti drugs day on 26-6-2009

- **Socio economic survey in Chavara colony**

We conducted a socio economic survey in Chavara colony, a slum like area, on 17-7-2009

- **N S S Orientation programme**

We conducted the orientation programme for the first year degree students on 27-7-2009 to motivate.

- **Hiroshima day**

We celebrated the Hiroshima day by organizing silent procession in the campus on 6-8-2009

- **N S S Student Police Force**

N S S Student Police Force is organized for helping the police to control the traffic in and around Irinjalakuda. The formal inauguration of the activities of the N S S student police was done by Sri. P K Ranjan, DYSP of Irinjalakuda on 21-8-2009

- **Onam celebrations**

Onam celebrations was organized by N S S units on 18-9-2009

- **Pre R D selection camp of University of Calicut**

The Pre R D selection camp of university of Calicut was hosted by the N S S units of the College on 18-9-2009

- **Seven day Camp**

A seven day camp was conducted at Chavara colony 18-12-2009 from 24-12-2009. A lot of cleaning, renovating and construction works were carried out. The volunteers also performed cultural programmes.

- **One day Work**

N S S units conducted many social servicing programmes by organizing one day camp on following days and venues

Sl. No	Date	Venue
1	24-1-2009	Chavara colony
2	31-10-2009	College campus
3	14-11-2009	N S S garden
4	8-1-2010	House of widow of Mr. Krishanan Nair (a beneficiary of NSS Helpline )

### 19. Teachers and Officers Newly Recruited.

As per the rules and regulations insisted by UGC and the Govt. of Kerala College management has made following regular faculty appointments

#### a) Faculty Permanent

l. No	Name	Department
1	Seena V	Mathematics
2	Sr. Rosy V O	Economics
3	Jagan Sebastian George	Economics

**b) Number of Lecturers on Contract**

Ad-hoc appointments by way guest faculty and ministerial staff were carried out according to rules and regulations insisted by Govt. of Kerala and University.

Sl.No	Department	Nos
1	Mathematics and Computer Science	2
2	Languages	2
3	Physics	5
4	Economics	2
5	History	2
6	Zoology	2
7	Commerce	4
8	Botany	1
9	Chemistry	3
10	Geology and Environmental Sciences	2
11	Physical Education	1
12	English	4
	Total	30

**c) Non Teaching Staff**

**Permanent : 32**

**On contract : 6**

**20. Teaching and Non Teaching Staff Ratio : 9 : 4****21. Improvement in the Library Services :**

The bar coding process of the books was completed during this year and its inauguration was carried out on 14-8-2009. All functions of the library is now fully

computerized. The internet facility provided in the library was expanded. New books and journals were added. More shelves and racks were acquired and apart from that reading section facilities were improved. The stack of references is also added with recent editions. A proposal for the implementation of "DELNET" service is forwarded.

## **22. New Books and Journals subscribed and their value :**

Total Books	: 65705
Books Newly purchased	: 330
Periodicals and journals	: 132
Periodicals and journals Newly purchased	: 4
Amount spent for newly purchased Books	: 2,17,800.00

## **23. Courses in which student assessment of teachers is introduced and the action taken on student Feed back.**

Student assessment of teachers is an integral part of the curriculum and this process is a usual practice every year for all UG and PG courses. Teachers engaging classes for all courses were assessed in a very systematic manner. We have considered twenty elements of their work performance, comprising of the mastery of the subject taught, efficiency in communicating the subject with students, punctuality and sincerity, involvement in research activities, approachability of the teacher and etc. This questionnaire is prepared in tune with the guidelines of UGC. At the end of the academic year, student feed back is obtained by each faculty. Using another questionnaire, the Principal himself will collect the feed back students on each teacher. In the sent off meetings, final year students were given opportunities to give oral feed backs on performance of teachers and also to share their experiences with other facilities provided by the institution. Apart from these all, we provide an opportunity for parents to give oral feed back about the experience of their ward in the College, academic and infrastructural, in the guardian's meeting of each batch. The teacher used to consider these and comments very seriously and take necessary steps to improve if any required.

Moreover., the Principal will hold a discussion with teacher according the feed back he received from students and instruct to take the corrective measures if any required.

#### **24. Unit Cost of Education:**

With salary component : Rs 23964/-

Without salary component : Rs.1511/-

#### **25. Computerization of administration and the process of admissions and examination results, Issue of Certificates.**

The College administration office was renovated during this academic year and its functions now in a more systematic and efficient manner. Almost all functions of the office have been computerized since two years and so the institution provides a very effective administration machinery. A software named “e-College Solutions” was purchased for this purpose. The admission process to various under graduate and post graduate courses has been doing using this software successfully using this computer software. The fee collection of students, salary distribution of teachers, the accounts regarding expenses of infrastructural developments issue and collection of books in library and etc are going on with computer facilities. The academic matters of students like attendance, internal marks, university examination results are also The attendance of students and their examinations results are also computerized. The progress report of the students as well as certificates of students like conduct certificate, transfer certificate etc issued from the office are also prepared using computers. The computers used in administration office and principal’s office were local area networked. The internet connectivity available in the office utilized to communicate all required sections inside and out side the College very quickly and to supply relevant data to the concerned offices and departments.

#### **26. Increase in Infra structure Facilities**

During the year 2009-10 a lot of infrastructural developments of the institution were carried out. The major achievement in the increase in infrastructural facilities is the renovation of the College office. It is now well equipped and well furnished and the



provisions of various sections are in a very compact form. The research facilities in the Chemistry department have been improved. During this year, research scholars and teacher fellows are given more faculties in the research room of Geology department. Many sophisticated equipments required for research are purchased. In almost all department offices, vitrified tile laid in the floor. Beatification of various buildings including a detailed wall painting of the whole building was done. The facilities available in the canteen was also increased. An extra roof garden is provided outside the canteen building and the cooking facilities are also modernized. New computer systems and printers were purchased under the various schemes sanctioned. The maintenances of all other rooms including electrifications works were properly done. A roofed car and bike park area adjacent to the main building of the College was constructed

## **27. Computerization and Internet access and training to teachers and students.**

A broad band internet connectivity was made available in the campus itself for last three years. Students are given unlimited offer to make use of this connectivity to download articles and browse relevant websites. This facility was received great appreciation from students and they wholeheartedly welcomed it. The post graduate and research students are exploiting this facility maximum. All the departments of the College are computerized. The teachers use this facility to record the attendance, discuss the academic performance of the students with their parents, prepare their progress report and for other departmental activities. We are proud to say that almost all faculty members are daily users of internet facility and other applications of computer. A separate cabin for teachers to use the internet facility has been provided in the Library since last five years. The IT Vignana introduced in the College ten years before is a unique programme. The target of the programme is achieve complete computer literacy in the campus. It is made compulsory for all students enrolled in the College.

## **28. Financial Aid to Students**

The institution offers a very efficient scheme to extend financial assistance to a limited number of students for promoting collegiate education. The fund required for this

is raised from management students and well wishers. The criteria for availing this aid consists of their academic achievements, character and their financial backgrounds. The needy students are given discounts in the fee structure of various courses especially in self financing courses and other self funded programmes. Some retired professors and well wishers of the College are generous to undertake poor students and they are ready to contribute the expenses incurred towards their academic purposes. Apart from this College offers endowments and scholarships to the needy students. These endowments are offered by the retired faculty members from various departments, PTA and well wishers. From the poor fund of the institution, an amount Rs. 56,000.00 is given as financial assistance.

## **29. Activities and Support from the Alumni Association**

Alumni is the backbone of an institution . Therefore it is essential to organize various activities under the auspices of this body so that the reputation of institution will be lifted to higher altitudes. The executive meeting of the Alumni association was held on 30<sup>th</sup> September 2009, 13<sup>th</sup> November 2009, 8<sup>th</sup> February 2010 and 8<sup>th</sup> March 2010. Under the leadership of the association, an all Kerala volley ball tournament was held from 6<sup>th</sup> October to 8<sup>th</sup> October 2009 with the cooperation of the BPE department of the College. Dr. A G Govindankutty memorial seminar was held on 17<sup>th</sup> December 2009 under the auspices of the Zoology Department. Prof. N Narayanakutty endowment lecture was held on 4<sup>th</sup> January 2010 with cooperation of the Physics Department. Dr. C S Unnikrishanan, Tata Institute of Fundamental Research, Bombay was the main speaker. The great achievement of this year is our alumnus **Dr. K Radhakrishnan** was posted as the **Chairman of ISRO** in this year. A warm reception was given to him in this connection at Christ College Auditorium on 29<sup>th</sup> January 2010. The function was chaired by Adv. Thomas Unniadan MLA. **Dr. Abdul Kalam Azad, former President of India** was the chief guest of the programme. Nearly 7000 thousand people witnessed this event. The usual meeting of the Alumni association was held on the 2<sup>nd</sup> Saturday of March at 2.30. Dr. P Sasikumar, Research and Development director was the main speaker of the programme and Sri. P P James, Resident Editor Kerala Koumudi was the chief guest. Apart from this the department wise alumni gathering was held in the

morning of the same day. Invited talks and lectures were organized in this connection in the departments. The common meeting also created a platform to bid farewell to the retiring teachers and non-teaching staff members. Prof. C L baby John, Head of the Department of Commerce, Prof K J Joseph, the Department of Commerce, Dr. John Thomas the Department of Zoology, Sri. K V Wilson U D Store Keeper, Sri A P Joy, Lab Assistant, Sri P A Joy Lab assistant retired on this year. The usual meeting of the UAE chapter of the Alumni Association was also held at Dubai in November.

### **30. Activities and support from Parent Teacher Association**

The Parent Teacher Association is very enthusiastic in the academic atmosphere of the institution. Through out the year, the Parent Teacher Association has been very active to provide the financial assistance and guidance to improve the quality of the services of the institution. The association offer a lot of student support programmes. The fund generated by the Parent Teacher Association is utilized to assistance to deserving students, improve the infrastructural facilities of the College and also for the maintenance of the buildings. Department wise Parents' meetings are held to discuss the academic progress of the students after every terminal examination. Annual general body meeting of the Parent Teacher Association will be held in every year.

### **30. Health Services**

The insurance scheme introduced for the benefit of all students is in progress. A first aid centre is functioning in the College. Necessary medicines, band-aids and other first aid materials are stocked so as to meet an emergency. Every year a routine medical check for all students is provided with help of a general physician. Even though no medical officer is serving in the campus, the College will take all necessary steps to take the staff or student to the Govt. hospital, nearly 250 meters away from the campus, if any such emergency situation arises. The service of students councilor on one day in every week is utilized to solve the stress related and other personal problems of the students. Realizing the menace of plastic to the environment and health, the Enviro Club initiated to a devoted service of removing plastic wastes seen scattered in the campus on 07-08-2009 and the club members promised to work hard for a plastic-waste free campus.

Department of Zoology organized a talk on “Pancreatic Cancer” by Dr. Rajeshkumar, N V Research Associate Faculty, Department of Oncology, John Hopkins University U S A on 8-10-2009. The N S S unit of the College celebrated an “Anti Drugs Day” on 26<sup>th</sup> June 2006. A rain season disease prevention programme was organized by the N S S in the various colonies in and around Irinjalakuda. The NSS unit provides a list of students who are ready to donate to blood at an emergency call. Last year nearly twenty N S S donated blood to patients in various hospitals. The CSA organized a special programme “Swanthana Sparsam” (free meals once in a month) for the benefit of poor patients of the Irinjalakuda government hospital.

### 31. Performance in Sports Activities

Students have tremendous achievements in various university wise and state level sports competitions. Some of the students also represented the state in certain national level competitions.

#### Performance of Christ College Teams at the University of Calicut inter-collegiate Tournaments 2009-2010.

1.	Gymnastics	Women	Calicut Uty.	Ist
2.	Gymnastics	Men	”	Ist
3.	Hockey	Women	”	IIInd
4.	Hockey	Men	”	IIInd
5.	Cycling	Men	”	IIInd
6.	Boxing	Men	”	IIInd
7.	Volleyball	Men	”	IIInd
8.	Football	Women	”	IIIrd
9.	Tennis	Women	”	IIIrd
10.	Softball	Women	”	IIIrd
11.	Baseball	Men	”	IIIrd
12.	Weight lifting	Men	”	IIIrd
13.	Basketball	Men	”	IIIrd

#### ATHLETICS:-

- Women:-
1. Emily Joy (I BPE, Cl. No. 461) - Discus throw – Silver medal
  2. Rathimil (II BPE, Cl. No. 540) - Pole vault – Bronze medal

#### BOXING:-

1. Jibin Rapheal (III BPE, Cl. No. 370) – Gold medal – 64 Kg.
2. Prakash T. (I BPE, Cl. No. 469) – Gold medal – 60 Kg.

3. Jinshad M.J. (II BPE, Cl. No. 531) – Bronzes medal – 75 Kg.
4. Sreejith Raj (III BPE, Cl. No. 385) – Bronzes medal – 69 Kg.
5. Leo Paul (III B.Sc. Physics, Cl.No. 59)–Bronzes medal–101 + Kg.

**WEIGHTLIFTING:-**

- |     |   |  |
|-----|---|--|
| Men | 1. Bintu T. Kalyan (III BPE, Cl. No. 363) – 69 Kg, Gold Medal |  |
|     | 2. John George (II BPE, Cl. No. 533) – 62 Kg, Silver Medal    |  |
|     | 3. Rejeesh K. G. (III BPE, Cl. No. 379) – 56 Kg, Bronze Medal |  |
|     | 4. Binoy A. S. (II B.Com. Cl. No. 466) – 105 Kg, Bronze Medal |  |

**SHUTTLE BATMINTON:-**

Men: Govindraj (III B.Com. Cl.No.403), Uty.Individual III

**BEST PHYSIQUE:-**

Men : Kiran Ramachandran (I B.Sc. Maths, Cl.No.21) Uty.II under 70 kg.

**GYMNASTICS:- Calicut University Individual Champion**

- |       |   |     |
|-------|---|-----|
| Men   | 1. Sreejith K.R. (II BPE, Cl. No. 547)    | I   |
|       | 2. Bintu T. Kalyan (III BPE, Cl. No. 363) | II  |
| Women |   |     |
|       | 1. Shantymol J. (I BPE, Cl. No. 474)      | I   |
|       | 2. Selma Peter (II BPE, Cl. No. 542)      | II  |
|       | 3. Unnimaya K.S. (I BPE, Cl. No. 478)     | III |

**JUDO :- Calicut University Individual Champion**

- |     |   |     |
|-----|---|-----|
| Men | 1. Sreejith K.R. (II BPE, Cl. No. 547)    | I   |
|     | 2. Bintu T. Kalyan (III BPE, Cl. No. 363) | III |

**WRESTLING:- Calicut University Individual Champion**

Men Jinshad M.J. (II BPE, Cl.No.531), 90 kg III

**NATIONAL LEVEL PARTICIPATION****JUDO NATIONAL:-**

Men: Sreejith K. R. (II BPE, Cl. No. 547)

**HANDBALL NATIONAL:-**

Women : Veenus Paul C. (III BPE, Cl. No.387) South Zone winner

**BASEBALL National – Senior – Men**

Nibin K.N. (III BPE, Cl. No. 375)

BASEBALL National – Senior – Women

Mary Dhanya (III BPE, Cl. No. 373)

SOFTBALL National:-

Women Mary Dhanya (III BPE, Cl. No. 373) National Winner

Selma Peter (II BPE, Cl. No. 542) National Winner

**State level Performance 2009-2010.**

FOOTBALL:-

Senior Women Represented Thrissur District

1. Remyamol K.A. (III BPE, Cl. No. 378)
2. Veenus Paul C. (III BPE, Cl. No. 387)
3. Amala C. Baby (II BPE, Cl. No. 525)
4. Leeja Sebastian (II BPE, Cl. No. 535)
5. Rathimol P. R. (II BPE, Cl. No. 540)
6. Jomcy Mathew (II BPE, Cl. No. 534)
7. Shiji S. (II BPE, Cl. No. 546)
8. Amal Rose Varghese (I BPE, Cl. No. 454)
9. Kripa K.K. (I BPE, Cl. No. 464)
10. Shantymol J. (I BPE, Cl. No. 474)
11. Unnimaya K. J. (I BPE, Cl. No. 478)
12. Savitha A. K. (I BPE, Cl. No. 473)
13. Neethu P.R. (I BPE, Cl. No. 467)
14. Anju V. Mathew (I BPE, Cl. No. 455)
15. Suja Sajan (III BPE, Cl. No. 386)

THRISSUR DISTRICT FOOTBALL (M) JUNIOR TEAM MEMBER

Prabin V. P. (I B.A. Economics, Cl. No. 309)

THRISSUR DISTRICT FOOTBALL (M) U-21 TEAM MEMBERS

1. Shikil K. S. (I B.A. Economics, Cl. No. 319)
2. Prabin V. P. (I B.A. Economics, Cl. No. 309)
3. Prajesh Govardhan (II B.A. Economics Cl. No. 344)
4. Nikhil M. P. (II B.A. Economics, Cl. No. 341)
5. Sarath K.S. (III B.A. Economics, Cl. No. 279)
6. John Antony (I BPE, Cl. No. 462)
7. Abdul Raheem (I BPE, Cl. No. 452), (Malappuram Dt., State winner)
8. Anooj K. A. (I B.Sc. Maths, Cl. No. 03), Ernakulam Dt.

## HOCKEY STATE LEVEL ACHIEVEMENTS 2009-2010

## Senior Women

Kripa K.K.	I BPE, Cl.No.464	Thrissur District	III
Sandhya P.M.	I BPE, Cl.No.472	Thrissur District	III
Unnimaya K.S.	I BPE, Cl.No.478	“	“
Shyama C.V.	I BPE, Cl.No.477	“	“

## Senior Men

Ebenesar Jos	II BPE, Cl.No.530	Thrissur District	I
Arun Francis	II BPE, Cl.No.526	“	“
A. Siddique	II BPE, Cl.No.523	Malappuram Dt.	Participation
Abdul Raheem	II BPE, Cl.No.522	“	“
Derick Paul T.	III BPE, Cl.No.364	Idukki Dt	“
Resh V.R.	I BPE, Cl.No.470	“	“
Danish Babu	I BPE, Cl.No.457	“	“

## Junior Men

Abdul Jaleel	II BPE, Cl.No.521	Malappuram Dt.	II
Shabeeb M.	II BPE, Cl.No.543	“	“
Denny C.T.	I BPE, Cl.No.458	Palakkad Dt.	Participation

## STATE POWER LIFTING – MEN

1. Rejeesh K.G. (III BPE, Cl. No. 379) Thrissur District – III

## STATE BODY BUILDING MEN

1. Bintu T. Kalyam (III BPE, , Cl. No. 363) – Kottayam District I

## SENIOR STATE WRESTLING COMPETITION – MEN

1. Jinshad M.J. (II BPE, Cl. No. 531) – Freestyle- Ernakulam District II
2. Jinshad M.J. (II BPE, Cl. No. 531) – Indian Style – Ernakulam District I

## KERALA SENIOR STATE VOLLEYBALL CHAMPIONSHIP

1. Dhinil kumar (III BPE , Cl. No. 365) – Ernakulam District II

## KERALA JUNIOR STATE VOLLEYBALL CHAMPIONSHIP

Manu T.V. (II BPE, Cl. No. 538) – Thrissur District Participation

## STATE BASEBALL CHAMPIONSHIP – SENIOR – MEN

Mohammed Safar Iqubal (III BPE, Cl. No. 374) Ernakulam District Winner  
Nibin K.N. (III BPE, Cl. No. 375) Ernakulam District Winner

## ERNAKULAM DISTRICT WINNER- SENIOR – WOMEN

Mary Dhanya (III BPE, Cl. No. 373) Ernakulam District Winner

Selma Peter (II BPE, Cl. No. 542) Ernakulam District Winner

## THRISSUR DISTRICT WEIGHT LIFTING CHAMPIONSHIP

Men – Christ College Irinjalakuda secured III

1. Nadheem P.V. (II B.Com., Cl. No. 488) II

2. John George (II BPE, Cl. No. 533) II

3. Rejeesh K.G. (III BPE, Cl. No.379) III

4. Bintu T. Kalyan (III BPE, Cl. No.363) III

## THRISSUR DISTRICT SENIOR VOLLEYBALL CHAMPIONSHIP

Christ College, Irinjalakuda secured second place

## THRISSUR DISTRICT YOUTH VOLLEYBALL CHAMPIONSHIP

Christ College, Irinjalakuda secured third place

## THRISSUR DISTRICT HANDBALL CHAMPIONSHIP

Christ College, Irinjalakuda (M) II

Christ College, Irinjalakuda (W) II

## THRISSUR DISTRICT JUDO CHAMPIONSHIP

Sreejith K. R. (II BPE. Cl. No. 547) 60 Kg. I

## THRISSUR DISTRICT ATHLETIC MEET CHAMPIONSHIP

Divya V.M. (I BPE, Cl. No. 460) 800 M & 1500 M I

Neethu P.R. (I BPE, Cl. No. 467) 3000 M II

Emily Joy (I BPE, Cl. No. 461) Discus throw I

Rathimol (II BPE, Cl. No. 540) Pole Vault – Senior State participation

Thrissur District Senior League Hockey competition

Christ College, Irinjalakuda II

### 33. Incentives to outstanding sportspersons

All outstanding sports persons are given admission to various undergraduate and postgraduate courses. Moreover, every effort is initiated by the College and Physical Education department to secure all the incentives and privileges available from the



Government and University for needy sports persons. The Institution encourage the outstanding sports persons by giving cash awards, scholarships, endowments, prizes, etc and facilitate them at specially convened meetings.

### 34. Students' Achievements and Awards

Our College secured following ranks during 2009-10. Moreover a sizable number of students doing undergraduate and postgraduate courses passed out the university examinations with distinction and high first class. Following tables present the ranks secured during 2009-10 and the percentage of passes in various courses.

Sl. No	Name	Course	Rank
1	Devi P	B Com	Second
2	Gigi V.C	B A Functional English	Second
3	Nimmy A.B.-	B Sc Chemistry	Second
4	Neetha Raj	B Sc Geology	First
5	Ragi P Nair	B Sc Geology	Third
6	Abdul Jabbar A.C	M Sc Environmental . Sci.	First
7	Linta K.B	M Sc Environmental . Sci	Second
8	Ajitha V	M Sc Environmental . Sci	Third
9	Sabitha M.B	M Sc Zoology	Third
10	Subha A A	History	Third

### University Examination March 2009 Results – Final M. Sc/ M. A./ M. Com.

Subject	Presented	With-held	Failed	Distinction	I Class	II Class	III Class	Total	% of Pass
Physics	11	-	3	1	7	-	-	8	72.72
Chemistry	12	-	2	4	6	-	-	10	83.33
Zoology	12	-	-	10	2	-	-	12	100
Envi. Sci.	11	-	3	-	8	-	-	8	72.72
Economics	16	-	7	-	8	1	1	9	56.25
History	13	-	1	-1	4	8	8	12	92.31
M.Com.	16	-	1		14	-	-	15	93.75

**Results – Final B. Sc./ B. A./ B. Com.**

Subject	Presented	With-held	Failed	Distinction	I Class	II Class	III Class	Total	% of Pass
Mathematics	38	-	13	10	9	6	-	25	65.78
Physics	35	-	4	19	10	2	-	31	88.57
Chemistry	39	-	7	15	13	3	1	32	82.05
Zoology	30	-	2	12	15	-	1	28	93.03
Geology	25	-	5	3	11	5	1	20	80
F. English	24	1	-	1	17	2	3	23	100
Economics	55	5	8	-	15	14	13	42	84
B.Com.	57	-	11	8	33	5	-	46	80.7
B.Com (Self)	39	-	11	-	18	10	-	28	71.79
B.P.E.	29	-	7	-	9	13	-	22	75.86

**Prizes received University D zone and inter zone competitions (Individual prizes not included)**

1. Group Dance (Men) : D zone and inter zone third
2. Group Dance (women) :D zone first
3. Oppana (men) : D zone second
4. Oppana (women) : D zone first and inter zone first
5. Mime : D zone second
6. Thiruvathirakali : D zone third and inter zone first

**Other Awards and Prized received**

1. Essay Competition organized by SN Chandrika Trust first prize  
Raichel P John – II B A functional English
2. American Consulate organized English Elocution competition  
Nevin Jose V II B A Functional English.

3. Mary Vijayam Jubilee Elocution Competition first Prize  
Biston K.J I B A Functional English
4. General Quiz Competition- held at Carmel College Mala- II Prize  
Jesna K.A III B.Com & Sudinkumar K III B Sc Mathematics
5. All Kerala Inter Collegiate Physics Quiz organized by St. Joseph's College  
Irinjalakuda – First Prize  
Zuhair N.S III B Sc Physics & Sreedevi P Chakyar of II B Sc Physics.
6. All Kerala Essay cum Presentation contest held at Darussalam Science College,  
Areekode –Second Prize  
Zuhair N.S. III B Sc Physics
7. . Inter Collegiate Quiz competition held at St. Joseph's College, Irinjalakuda  
Third prize Sudinkumar K & Narayanan P.A.
8. National level acclamation to our six NSS volunteers in the National Integration  
Camp held at Gwalior  
Ajay U Menon I B Com, Subhash T.J. III B A Economics  
Rels K Ropson III B Com, Joffin P.J III B A Economics  
Sivraj Chandran, III B A Economics Freddy John- III B A Economics.
9. Inter Collegiate Mathematics Quiz Competition held at St. Thomas College Thrissur  
Second prize : Ajax Jose II Mathematics & Narayanan P.A III Mathematics
10. Essay competition conducted by St. Joseph's College, Irinjalakuda  
First Prize - Biston K J I B A Functional English
11. Our Alumnus Justin Paul Avittappilly received best Research paper award instituted  
by US Society for Competitive Papers on Economics
12. Essay competition organized by St. Thomas College, Thrissur ( Topic -Alcoholism) :  
First Prize - Biston K J I B A Functional English
13. Essay competition conducted by Press Club  
First Prize - Biston K J I B A Functional English
14. Intercollegiate quiz competition conducted by Catholic Labour Association  
Thrid Prize Vipin Sudhakar III B A Economics
15. Three of our cadets, CQMS Renjith Paul, Sgt. Chindu M & Cpl. Raheela PA were  
selected to participate in the National Integration Camp held at Godhara in Gujarath  
from the 2<sup>nd</sup> to 13<sup>th</sup> of November 2009.

16. CSUO Jerin Antony attended the Advance Leadership Camp held at Karamseth, Gujarath from 10<sup>th</sup> to 21<sup>st</sup> of December 2009.
17. Cadet Kiran Baburaj participated in the Malayattur and Vazhachal, Kerala, Trekking camp on 19-12-2009.
18. JUO Pranav T. P. was selected to represent the Kerala and Lakshadweep Contingent at the Republic Day Camp at New Delhi. He also participated in the Rajpath March, the PM's rally and in the Group Dance competition.

### **35. Activities of the Guidance and Counseling unit.**

The institution offers the service of a professional councilor for the better and bright future of each and every student. Opportunities are created for students to undergo counseling with the councilor if they have any such issues. One day life guidance classes were arranged for all graduate and post graduate students by the catholic students association. Very renowned and efficient councilors were invited to deliver talks in these programmes and they well appreciated by the students. Moreover, values of education classes were engaged on every Wednesday first hour. The institution has forwarded a proposal to construct a separate and well equipped room to start a career and counseling centre. The UGC sponsored IAS academy is one of attraction of the institution. It offers free civil service examinations training for the SC/ST students and partially subsidized admission to OBC and Minority categories.

### **36. Placement services provided to students**

Considering the importance of imparting proper guidance about the scope of various higher courses, especially job oriented, and making available to the students various job opportunities, the career guidance and placement cell organized a lot of awareness programs and campus recruitment events during last year. The cell organized an IT Awareness seminar for all first year degree students from 9.9.2010 to 11.9.2010. The seminar was delivered by the faculties of NIIT, Irinjalakuda. They held a seminar on the same topic for the second year degree Mathematics students also on 12<sup>th</sup> October 2010. A Seminar on "Career Opportunities in IT Field and MCA" was conducted by NIIT on 2<sup>nd</sup> September 2010

for the final year B Sc Mathematics, Physics and Commerce students. The Triumphant Institute of Management Education (TIME) conducted a seminar on “Prospects of MBA” on 17<sup>th</sup> July 2009 for the second year commerce students. The Punjab National Bank conducted a seminar “ Career Opportunities in Banking Sector”-For I year Degree students on 12<sup>th</sup> August 2009. A three week training programme on Bank test was conducted. Nearly fifty students attended the programme. Very efficient trainers in such area were instrumentalised for this programme. The HCL Career Launcher delivered a Seminar on “Career Options in IT field” for the III year Mathematics, Physics, Chemistry, Zoology, Geology students on 23<sup>rd</sup> September 2009.

### **37. Development programme for non teaching staff**

Understanding the importance of an efficient administration system for the smooth function of an institution, the deployment of duties of the non teaching staff is made according to seniority and efficiency. The office room was renovated and installed modern office equipments and computer softwares so that the administration process is made more efficiently. Training programmes for the use of computers were arranged for the benefit of non teaching staff.

### **38. Healthy Practices**

- ❖ A detailed academic calendar is distributed to all students in right beginning of the academic year.
- ❖ A very harmonious academic atmosphere.
- ❖ Regular class test, terminal exams assignments and seminars
- ❖ Efficient tutorial system
- ❖ Very efficient continuous evaluation process
- ❖ Interface between the parents of students and the tutor after every terminal examination to discuss the progress of their ward.
- ❖ Remedial coaching classes for all students
- ❖ Opportunity to do power point presentations for PG students on project topics
- ❖ UGC/CSIR NET coaching classes
- ❖ Coaching classes for civil service examinations

- ❖ Enrichment programmes for outstanding students
- ❖ Financial assistance to poor students
- ❖ Value Education classes on every Wednesday
- ❖ First Friday Holy Mass at College Chapel
- ❖ Life Orientation talks for all students
- ❖ Swanthana Sparsam” (free meals once in a month) for the benefit of poor patients of the Irinjalakuda Government Hospital
- ❖ N S S Student Police Force is organized for helping the police to control the traffic in and around Irinjalakuda.
- ❖ A twenty four hours service for blood donation
- ❖ Compulsory social services in and around the campus
- ❖ NSS helpline to help the destitute
- ❖ NSS orchestra to sing Patriotic songs and to promote National Integration
- ❖ Additional sessions for interdisciplinary lecture
- ❖ Career oriented awareness talks and training programmes
- ❖ A dedicated team of faculty members to coordinate student’s participation in the D zonal and the University level competitions
- ❖ Student representatives are elected every year by students themselves
- ❖ Students’ union to take the initiative various cultural and extension activities of the College.

### **39. Any other relevant information the institution wishes to add**

Apart from those mentioned above, the institution has taken ardent efforts to enhance the extension activities in the post accreditation period as a part of its social commitment. In Annexure VI we present the extension programmes offered by various departments and bodies of the College and also by the faculty members. ‘

### **Highlights of 2009-10**

Before concluding this section, we present the highlights of the year 2009-10. The year 2009-10 was the most memorable in the history of the institution due to its reaccreditation by the NAAC with ‘A’ grade. The certificate was officially awarded

by NAAC in the convocation ceremony held in the Regional office of NAAC at Bangalore on 28th March, 2010. Principal of the institution received the award on behalf of the college.

The curriculum for the three year under graduate course was modified in all affiliated colleges of Kerala as a part of the implementation of the Choice based Credit Semester system. This would bring out major changes and innovations in the teaching-learning process and the system of examination and evaluation. In connection with the implementation of this scheme, seminars and workshops were conducted in the College. Moreover teachers actively participated in similar programmes conducted by other Colleges and Universities also. As a healthy practice on curriculum design, feedback on courses were collected from all final year students. Even though the role of faculty members from affiliated colleges in the design of curriculum is negligible, they conveyed their impressions and also the response of students collected through feedbacks to the respective academic bodies through the members of board of studies, academic council etc.

Apart from the three regular courses (B. Sc. Computer Science, M. Sc. Microbiology and B. B. A) we have applied for starting in the next academic year, we have also applied UGC for starting Add on courses and innovative programmes with a vision of enriching students. The syllabi for these programmes were designed by faculty members of the institution.

The institution offers very calm and harmonious academic atmosphere. It has a clear cut action plan chalked out in the College calendar and hand book. It gives guidance to students in matters relating to teaching learning process, college rules, holidays, examination dates other curricular and extension activities. Each faculty member also will prepare an academic planner in the right beginning of the academic year. Apart from the conventional class room teaching, the teaching learning process give more importance to the ICT enabled facilities. The topics of the syllabus discussed thoroughly in all programmes with special attention to university examination and

practical. The college council will ensure that the transaction of teaching and learning is satisfactorily completed in each programme. The continuous evaluation process of the institution consists of frequent class tests, internal examinations, seminars assignments and power point presentations. A committee was constituted for the smooth conduct of the internal and University examinations. The institution will also create a platform for an interface between the parents of students and tutor to discuss the performance of their ward. The college has a very effective tutorial system. The tutor plays the dual role of a mentor and teacher. The tutor will have frequent contact with his students to give proper guidance and advices.

The institution considers that the development of faculty members through research is essential to make them always updated in their subject. In this view, faculty members without research degree are persuaded to involve in research activities. During this year five faculty members were deputed under the FDP programme to complete Ph.D Other faculty members are encouraged to carry on their research interests by doing projects. One of the faculty members from English department and a researcher from Zoology successfully completed were awarded Ph. D. degree. Faculty members of various departments own nine major and seven minor projects of which two major and four minor projects were newly started. This year around twenty five research papers of faculty members were published in various refereed journals. A number of teachers presented research papers in various national and international journals. Moreover, a number of faculty members participated in various research and quality related seminars and workshops. An international seminar on Nano technology and Nano materials, Current Status and Emerging Trends was organized during this year under the sponsorship of UGC and KSCSTE. More over four national/ state level seminars and many self funded talks and symposiums were organized along these lines. Nearly twenty five students do research in various research departments of the college and under the guidance ship of faculty members. We proudly record that two of our faculty members received best teacher award in state / University level. Sixteen students qualified NET/SLET examination during this academic year. Students of this institution secured a total of ten ranks in various under graduate and postgraduate programmes.



They have also achieved a lot of prizes in competitions held in state and University level.

The Institution earnestly promote the participation of students in various extension and social activities as a part of its social responsiveness and the commitment towards community. Different platforms like NCC, NSS, CSS, CSA were created to get opportunities to serve the society. Faculty members coordinate the various extension activities organized by the students. Blood donation camp, Swanthana Sparasam, Student policing, NSS orchestra, helpline, visit to orphanages of differently abled children, care for old aged people, free tuition for school children, removal of plastic and other wastes from public places and roads etc were the some of the highlights. The institution also keep close contacts with the local bodies for the implementation of various extension programmes. The faculty members also actively involve in various programmes organized by the local bodies, especially as resource persons and experts, as part of their commitment to the society.

A lot of infra structural developments were carried out in the campus during the last academic year. Additional girls' toilet facilities were built and new water taps were installed. The college website was renovated and made more informative. The college administration office was renovated and enabled to do the functions of various sections more systematically. The functions of the office are performed using a very strong computer software which is timely upgraded. The seating facilities available in the canteen increased and the services provided were improved. An extra roof garden is provided in the premises of the canteen. A roofed car and bike parking launch is constructed for the teaching and non teaching staff of the college. The bar coding process of the books was completed during this year and almost all functions of are now computerized. Number of new books and journals were subscribed to the library. An extension of the ladies hostel is under the serious consideration of the management. It is also planning to construct a well furnished seminar complex with advanced audio visual technologies. The speed of the internet connectivity in the library increased

by installing an extra broad band connection. Teachers were encouraged to engage classes with ICT enabled facilities like LCD projector and power point presentation. The *IT Vijnan* – An innovative programme of the institution in which intensive training was given to each and every student to attain cent percent IT Literacy. The facilities of the Language The facilities of the computer lab were improved. A wall mounted LCD projector and screen were installed. A plan to install LCD projectors in all final year degree classes is under serious consideration.

The institution has arranged lot of opportunities for the support and progression of the students. The Career Guidance and Placement Cell, *IT Vijnan* programme, UGC Career oriented add on courses, digitalized language lab, IAS coaching academy, student's safety insurance, free medical check up, etc are some of the provisions offered by the institution in this regard. The institution encourage outstanding sports persons by giving cash awards scholarships etc. The poor fund of the institution extend financial assistance to many needy students. The college also offer a lot of endowments instituted by retired teachers and well wishers for the financially backwards and academically outstanding students. A sizable amount of the PTA fund for the support of the students.

The organizational structure of the institution is so simplified that various functions of various academic departments and administrative office are carried out in a very transparent and efficient way. The College council will meet as and when necessary to ensure quality of the academic, curricular and extra curricular activities of the college. The College has a very efficient decentralized administrative system the coordinates the functions of each department. The day to day affairs of the institution including extra curricular matters, are managed effectively by the team work of the head of the departments and other faculty members. The double role played by the principal as a nominee of the management and representative of teachers will convey the impression of the faculty members and students properly with governing body of the institution and helps to take necessary quality measures.

## **PART - C**

### **PLANS OF THE INSTITUTION FOR NEXT ACADEMIC YEAR 2010-2011.**

All Departments have been requested to prepare a year plan for the academic year 2010-11. The following are the focal points of the year plan submitted by various departments and constitutions of the College.

- Teaching plan: All departments are requested to conduct staff meeting at the right beginning of the academic year to prepare a teaching plan for the year 2010-2011. All faculty members are requested to prepare academic planner that gives a schedule of the assignments, test papers and student seminars.
- Seminars: Ten Seminars of various magnitudes have been planned for the coming academic year by various departments. They include two national seminars and two inter disciplinary seminars.
- To organize a seminar for the teachers of college and researchers under the auspices IQAC related to maintain quality education through research.
- Apart from various endowment lectures and talks for the respective topics have also been planned.
- To start new regular courses, BSc. Computer Science, MSc. Microbiology, and B B A
- To start new Add on courses under the coordinator ship of various departments
- Remedial teaching Enrichment programmes: Plan of action has been drawn to identify weaker students and to help them in a constructive manner.
- To organize the remedial coaching in a more scientific and systematic way
- Brilliant students are given special coaching by the teachers of concerned departments to ensure maximum output from these students.
- Various departments have plans to take the students on study tours.
- To encourage ICT enabled teaching methods for all classes including power point presentations and LCD Projector.

- Construction of a well furnished seminar complex with advanced audio video instruments
- To construct air conditioned guest rooms.
- To conduct the NET coaching classes for all post graduate courses.
- Attendance: Strict rules in the attendance of students have been planned for next year.
- Renewals of laboratories have been planned for next academic year.
- NSS has planned to join hands with Kerala police for the introduction of community policing and *Janamaithri Police*,
- Completion of ladies toilets in the second floor of Chemistry Block.
- A new add on course in Commerce has been planned for next year.
- Improving the ICT facilities and other electric amenities in class rooms.
- Pavilion and gallery for foot ball court
- To install computer softwares in all departments so that records related to attendance internal marks performance graphs etc can be easily documented and accessed
- To conduct more extension programmes beneficial for the society.

**ANNEXURE I****Participation in Refresher /Orientation Courses**

Sl. No	Name of the Teacher	Department	Refresher/ Orientation	Duration	Organized by
1.	Ms vineetha E	Sanskrit	Orientation Course	10-6-'09 to 7-7-'09	Academic Staff College University of Calicut at John Mathai Centre,
2.	Sr. Rosy V O	Economics	Orientation Course	3-5-'09 To 31-5-'09	Academic Staff College, University of Kerala on "IT"
3.	Dr. E M Thomas	Economics	Refresher Course	10-9-'09 to 10-9-'09	Academic Staff College University of Calicut on "Environmental Studies".
4	K O Francis	Commerce	Refresher Course	18-2-'09 to 11-3-'09	Academic Staff College, University of Kerala Trivandrum
5.	Fr. Joy P T	Physical Education	Refresher Course	3-6-09 to 23-6-09	Academic Staff College, Bharathiar University Coimbatore
6.	N Anilkumar	Physical Education	Refresher Course	5-3-09 to 25-3-09	Academic Staff College , Bharathiar University Coimbatore
7.	Dr. V P Joseph	Physics	Refresher Course	23-11-09 to 11-3-'09	Academic Staff College University of Calicut on "Experimental Physics"

**Subject Related Seminars Attended**

Sl. No	Name of the Teacher	Department	Details of the Programme
1.	N K Sudhakaran	Statistics	National seminar on "Statistical Modeling and Computing" organized by the department of Statistics, St Thomas College, Thrissur on 15-16

2.	N K Sudhakaran	Statistics	Inter national seminar on “Nanotechnology and Nano materials-Current Status and Emerging Trends” organized by Christ College, Irinjalakuda on 8-9 February 2010
3.	N K Sudhakaran	Statistics	UGC and KGCSTE sponsored state level seminar on “Applied Statistical Methodology” held at Nirmala College, Muvattupuzha on 25-27 February 2010
4.	Dr. Davis Antony Mundassery	Statistics	National seminar on “Statistical Modeling and Computing” organized by the department of Statistics, St Thomas College, Thrissur on 15-16
5.	Dr. Davis Antony Mundassery	Statistics	Inter national seminar on “Nanotechnology and Nano materials-Current Status and Emerging Trends” organized by Christ College, Irinjalakuda on 8-9 February 2010
6.	Dr. Davis Antony Mundassery	Statistics	UGC and KGCSTE sponsored state level seminar on “Applied Statistical Methodology” held at Nirmala College, Muvattupuzha on 25-27 February 2010
7.	Seena V	Mathematics	International Conference on “Number Theory, PDE and Geometry” held at Calicut University on 24-28 Aug. 2009
8	Seena V	Mathematics	National Seminar on “ Functional Analysis held at Calicut University on 26-27 February, 2010
9.	Tintumol Sunny	Mathematics	Workshop on “Python and Latex” held at St. Thomas College, Thrissur on 5-6 November 2009
10.	C J Jose	Physics	A seminar on “Thermodynamics and General Theory of Relativity” organized by Cochin University of Science and Technology on 30 <sup>th</sup> Jan 2010.
11.	C J Jose	Physics	A UGC sponsored National Seminar on “Nanotechnology” held at St. Therasa’s College, Ernakulam on
12.	C J Jose	Physics	A National Seminar on “Grand Challenges in Electronics at C-MET campus on 8-3-2010
13.	C J Jose	Physics	Astronomy and Astrophysics

14.	P P Thomas	Physics	A National Seminar on "Grand Challenges in Electro. at C-MET campus on 8-3-2010
15.	Dr. V P Joseph	Physics	Academic Interaction programme at NSS College Ottappalam on 17-19 September 2009 organized by BRNS and DAE
19.	K Y Shaju	Physics	A seminar on "Machine learning in Astronomy" organized by IUCAA, Pune at MACFAST, Thiruvalla on 19-23 Jan 2010
20.	Dr. Joshi C O	Zoology	National Seminar on "Recent Issues in Wild life Trade & Conservation" held at St. Aloysius college, Elthuruth on 22-1-10
21.	Dr. Joshi C O	Zoology	22 <sup>nd</sup> Kerala Science Congress on 28-31 at Kerala Forest Research Institute on 28-31 Jan. 2010 sponsored by KSCSTE.
22.	Dr. Joshi C O	Zoology	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010
23.	Dr. Joshi C O	Zoology	UGC Sponsored seminar on "Mosquitoes and Emerging Diseases" organized by Dept. of Zoology, St. Albert's College, Ernakulam 25-2-2010
24.	Dr. Pious K Jacob	Zoology	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010
25.	Dr. John K Thomas	Zoology	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010
26.	Dr. K V Baby	Zoology	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010
27.	Dr. V F Paul	Zoology	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010
28.	Dr. Balu T Kuzhivelil	Zoology	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010

29.	K O Francis	Commerce	A seminar on “ New Trends on Business Education” held at St. Joseph’s College, Irinjalakuda on 18-19 Nov. 2009
30.	Babu Antony Menachery	Chemistry	A Seminar on “Modern trends in Chemistry” at St. Joseph’s College, Irinjalakuda on 24-25 February 2010.
31.	Babu Antony Menachery	Chemistry	National Seminar on “Modern trends in Chemistry” at M E S College, Mampad on 6-7 Oct 2009
32.	T I Johnson	Chemistry	Workshop organized by FCBS, Trivandrum & JNCASR, Bangalore on 29-31 October 2009 at Trivandrum
33.	Dr. John V D	Chemistry	Inter national seminar on “Nanotechnology and Nano materials-Current Status and Emerging Trends” organized by Christ College, Irinjalakuda on 8-9 February 2010
34.	Dr. Mathew Paul Ukken	Chemistry	A Seminar on “Modern trends in Chemistry” at St. Joseph’s College, Irinjalakuda on 24-25 February 2010.
35.	Dr. Aravinda B P	Physical Education	A National Seminar on “Role of Fitness Enhancing the Quality Life” organized by Pondicherry University on 3-4-April-2009
36.	Dr. Aravinda B P	Physical Education	A National Seminar on Influence of “Media in Creating Fitness Awareness in Society” organized by Annamalai University, Chidambaram on 15-16 December 2009.
37.	Dr. T Vivekananda	Physical Education	An International Workshop on “Advanced Training Methods” organized by Tamilnadu Sports University on 2-3 Feb 2010
38.	Dr. T Vivekananda	Physical Education	An International Conference on “Modern Trends in Sports Technology, Management and Allied Sciences” by Indian Association of Sports Technology, Management and Allied Sciences and School of Physical Education, Alagappa University Karaikudi on 8-9 March 2010.
39.	Jenil John	Physical Education	An International Conference on “Modern Trends in Sports Technology, Management and Allied Sciences” by Indian Association of Sports Technology, Management and Allied Sciences and School of Physical Education, Alagappa University Karaikudi on 8-9 March 2010.



40.	Dr. Jacob George	Physical Education	India International congress on "Sports Psychology" on 21-24 December 2009 organized by Lakshmi Bai National University of Physical Education, Gwalior.
41.	Dr. Jacob George	Physical Education	Workshop on "Sports Psychology" on 17-20 December 2009 organized by Lakshmi Bai National University of Physical Education, Gwalior.
42.	E J Vincent	Botany	Inter national seminar on "Nanotechnology and Nano materials-Current Status and Emerging Trends" organized by Christ College, Irinjalakuda on 8-9 February 2010
43.	Tessy Paul	Botany	State level seminar on "Ethnobotany, Plant Friendly Practices on Medicinal Plants" at St. Therasa's College Ernakulam on 6-7 October 2009.
44.	Dr. A. V. George	Geology and Environmental Sciences	State Level Workshop on Sustainable Water Governance", organized by UNICEF and SEUF, at Thrissur on 10 <sup>th</sup> and 11 <sup>th</sup> December, 2009.
45.	Dr.R.V.Rajan	Geology and Environmental Sciences	State Level Workshop on Sustainable Water Governance", organized by UNICEF and SEUF, at Thrissur on 10 <sup>th</sup> and 11 <sup>th</sup> December, 2009.
46.	Dr.S.Sreekumar	Geology and Environmental Sciences	State Level Workshop on Sustainable Water Governance", organized by UNICEF and SEUF, at Thrissur on 10 <sup>th</sup> and 11 <sup>th</sup> December, 2009.
47.	Dr.S.Sreekumar	Geology and Environmental Sciences	Workshop on Livelihood linkages and Trade offs in the downstream floodplain of rivers, Thrissur, June 05, 2009
48.	Dr.S.Sreekumar	Geology and Environmental Sciences	Workshop on Wetland Management, Ramanilayam, Thrissur, Kerala State Biodiversity Board, June 18, 2009
49.	Dr.S.Sreekumar	Geology and Environmental Sciences	National Workshop on Natural hazard, Disaster mitigation and Management, Centre of Earth Science Studies, Thiruvananthapuram, 25 <sup>th</sup> and 26 <sup>th</sup> August, 2009.
50.	Dr. K T Thomas	History	Workshop on "Research Methodology and Local History" organized by the department of History, University of Calicut on 18-20 February 2010

51.	Dr. K T Thomas	History	A seminar on "Social Formation Perspective: Exemplification Through Early South Indian History" held at St. Thomas College, Thrissur on 11 <sup>th</sup> February 2010
52.	Vineetha E	Sanskrit	Attended an international seminar on "Sanskrit and Culture" organized by University of Calicut, on 8-10 Feb. 2010

### Quality Related Seminars Attended

Sl. No	Name of the Teacher	Department	Details of the Programme
1.	Dr. Davis antony Mundassery	Statistics	National seminar on "Quality in Higher Education : from Assurance to Enhancement" at Stella Maris College, Chennai on 2-3 Feb.2010
2.	Fr. Jolly Andrews	Physics	National seminar on "Quality in Higher Education : from Assurance to Enhancement" at Stella Maris College, Chennai on 2-3 Feb.2010
3.	Tintumol Sunny	Mathematics	State level seminar on restructuring undergraduate Education held K E College Mannanam on 19-20 Feb.2010
4.	Sr. Rosy V O	Economics	Seminar on "Quality Assurance in Higher Education in the Present Context" held at Little flower College, Guruvayur on 20 <sup>th</sup> Feb.2010
5.	Dr. C J Unni	Economics	Attended Workshop on "Curriculum Design" for the undergraduate courses conducted by University of Calicut for Economics on 2-6 March 2010.
6.	Mary Pathrose Paalikkattil	English	Attended a five day training programme on Informatic Skills conducted by IHRD and KSHEC at Model Polytechnic, Mala on 22-9-09 to 26-9-09
7.	Dr. A J Thankachan	English	Attended a five day training programme on Informatic Skills conducted by IHRD and KSHEC at Model Polytechnic, Mala on 22-9-09 to 26-9-09

8.	Sebastian Joseph	Malayalam	Attended a Workshop on "Curriculum Design" for the undergraduate courses conducted by University of Calicut for Malayalam on 3-7 August 2009
9.	Vineetha E	Sanskrit	Attended an orientation for NSS Programme officers organized by NSS training and orientation centre, Rajagiri 18 -27 August 2009.

**The following faculty members were deputed under the faculty development programme offered by University Grants Commission to complete their ongoing research work.**

Sl. No	Name	Department	University
1.	Sudheer Sebastian	Physics	Cochin University of Science and Technology
2.	K Y Shaju	Physics	Cochin University of Science and Technology
3.	Pious K Joseph	Physics	Mahatma Gandhi University
4.	Tessy Paul	Botany	Cochin University of Science and Technology
5.	V A Thomas	Physical Education	Kerala University

**Teachers doing Research (Part Time)**

Sl. No	Name of the Teacher	Department	University
1	K J Antony	Chemistry	Mahatma Gandhi University
2	K J Babu	Chemistry	Mahatma Gandhi University
3	Babu Antony Menachery	Chemistry	Mahatma Gandhi University

4	V O Davis	Chemistry	Mahatma Gandhi University
5	Sheeba Varghese	Hindi	University of Calicut
6	Sebastian Joseph	Malayalam	University of Calicut
7	Vineetha E	Sanskrit	Mahatma Gandhi University
8	Jagan Sebastian	Economics	University of Kerala
9	Joshy K Simon	Botany	Mahatma Gandhi University
10	Seena V	Mathematics	University of Calicut
11	K A Davis	Commerce	Mahatma Gandhi University
12	P L George	Commerce	Mahatma Gandhi University
13	K O Francis	Commerce	Mahatma Gandhi University
14	Fr. Jolly Andrews	Physics	Mahatma Gandhi University
15	Xaviour Joseph	Physics	Mahatma Gandhi University
16	Anilkumar N	Phy. Edn	University of Calicut
17	Sony John T	Phy. Edn	Deputed to Ph. D at Australia

## ANNEXURE II

### Seminars/Workshops/Invited talks organized

#### Quality Related Seminars organized by the institution

1. The Christ College Management and IQAC jointly organized a one day Seminar on “How to Prepare for NAAC Visit” on 29<sup>th</sup> September 2009. Rev. Fr. Dr. Thomas Chathanparambil CMI, honourable Vice Chancellor was the main Speaker of the Programme.
2. A One day Seminar on Restructuring of Degree Courses as Choice Based Credit Semester System was organized by the institution on 5<sup>th</sup> June 2009. Dr. Joshy C L, Syndicate member, University of Calicut was the Resource Person of the Programme.

#### Department of Geology and Environmental Sciences

Organized an International Seminar on “Nanotechnology and Nanomaterials, Current Status and Emerging Trends”, sponsored by UGC and KSCSTE, at Christ College, Irinjalakuda, on 8<sup>th</sup> and 9<sup>th</sup> February, 2010.

#### Department of Physics

1. A seminar is organized in connection with International year of Astronomy on 7 Nov 2009. Topic : Invited lectures on “Crisis in Cosmology“ by Dr. Babu Joseph, former vice chancellor, Cochin University of Science and Technology. and on “Seeing the Universe” by dr. V C Kuriakose, former head of the department Cochin University of Science and Technology
2. Facets of Physics (Hiroshima Day) In this connection a seminar is organized on “Super Conductivity” by Dr. Vincent Mathew, St. Thomas College, Palai and on “Group Theory on Particle Physics” by Dr. Vishnu Maya, University of Calicut on 6-8-2009.
3. Seminar on “Evolution of Stars” by Prof. Papputty on 13-3-2010 in connection with the valedictory functions of the Golden Jubilee celebration of Physics Department.

#### Department of Malayalam

The department of Malayalam organized a one day state level seminar on “Language, Literature and Art” on 3<sup>rd</sup> February 2010

#### Department of Economics

A talk on “Asean Treaty” by Dr. K P Many, John Mathai Center for Economics, University of Calicut on 30<sup>th</sup> Decemeber 2009.

Dr. Jeromi Memorial lecture of “The Global Meltdown and RBI measures to counter it” by Sri. E Madhavan, General Manager, RBI, Cochin on 9<sup>th</sup> November 2009

### **Department of Zoology**

A seminar on “Environment and Development” on 17-12-2009 . Resource Person : Sri Neelakantan C R, Deputy General Manager , Keltron, Trivandrum. Topic : Man and Mangroves delivered by : Dr. Vidyasagar Associate Professor, College of Forestry, Kerala Agriculture University, Mannuthy.

A talk on “Pancreatic Cancer” by Dr. Rajeshkumar, N V Research Associate Faculty, Department of Oncology, John Hopkins University U S A on 8-10-2009

A one day Workshop for High School Teachers of Irinjalakuda sub district on 5-12-2010. Topics Discussed : Molecular Genetics, Evolution etc.

A talk on “Evolution of Social Systems” by Jeevan Job Thomas, Research Scholar, Department of Physics, Mahatma Gandhi University, Kottayam.

### **Department of Commerce**

A seminar on “Securities Trading” on 21<sup>st</sup> July 2009 with the collaboration of Business Line.

### **Department of Chemistry**

Fr. Jose Stephan Endowment lecture on “Asymmetric Synthesis ” by Dr. Mangalam S Nair, Professor, NIIST, Trivandrum and on “Symmetry and Chirality” by Dr. Sreenivasan, P. retired Professor, Layola College, Madras on 5-11-09

### **Department of English**

Rev. Fr. Francis Kurissery endowment lecture on 12<sup>th</sup> March 2010, 9.30 to 12.30  
Resource person : N Madhavankutty, Media Person  
Topic : Media Ethics

Prof. C V Francis Endowment Lecture on 12<sup>th</sup> March 2010, 1.30 to 4.30  
Resource Person : Jain Joseph  
Topic : Image Creation – A cinematic Approach

## ANNEXURE III

## Research projects (Major Projects)

Srl No	Name of Faculty	Title	Funding Agency	Duration	Amount [Rs.]
1	Dr. John Thomas.	'Environmental control of Spatial and Social learning in fish: Role of the neural circuitry of <i>Hipocampal pallium</i> and <i>Amygdalar pallium</i> '	UGC New Delhi	Three years	7,82,600
2	Dr. John Thomas. and Dr.Sreekumar (Co-investigator)	'Impacts of land use changes on the ecology of <i>Kol</i> wetlands (part of Vembanad <i>Kol</i> )-A Ramsar Site'	MOEF, Covt. Of India New Delhi	Three Years	7,91,430
3	Dr. John Thomas. And Dr. Pius K. Jacob (Co-investigator)	'Development of strategies for seed production and enhancement of larval survival in <i>Ompok malabaricus</i> and <i>O. Bimaculatus</i> '	KSCSTE Trivandrum	Three Years	4,27,350
4	Dr. Joseph V. P.	'Study and development of liquid dielectric filled tunable Metamaterials'	KSCSTE Trivandrum	2009-'12	8,72,300
5	Dr. George A.V.	'Predictive modeling for landslide occurring in the Western Ghats region of Kerala based on field studies and critical evaluation of land satellite imageries and GIS applications'.	Planning and Economic Affairs, Kerala.	3 years	3,30,000
6	Dr. George A.V.	'Geo-environmental appraisal and hydrological scenario of a typical highland region of Western Ghats, with special reference to identification of fault/fracture and lineament zones and its impact on Mullaperiyar and Idukki and other dams using GIS imageries and GIS modelling'	Planning and Economic Affairs, Kerala.	3 years	9,00,000

7	Dr. George A.V.	Environmental status of the Periyar River drainage system of the Western Ghats region of Kerala'.	Planning and Economic Affairs, Kerala.	3 years	13,00,000
8	Dr. Sreekumar S.	Hazard and risk analysis of slide prone areas in Kerala Western Ghats.	KSCSTE Trivandrum	3 years	6,36,600
9.	Dr. Balu T Kuzhivelil	Metallothineis Gene, a molecular biomarker for heavy metal pollution and management	MOEF, New Delhi	Three Years	17,88,306

#### Ongoing faculty research projects (Minor Projects)

Sl No.	Name of Faculty	Title	Funding Agency	Duration	Amount [Rs.]
1	Antony K. J	'Status of Manimala River with special reference to water quality analysis and environmental degradation due to pilgrimage tourism'	UGC	2007 to 2009	60,000
2	Babu K. J.	'Environmental Impact of mining and quarrying in Chalakudy River basin'.	UGC	2007 to 2009	75,000
3	Dr. John V. D.	'Antibacterial and antitumor studies of metal complexes of 1,7-diaryl heptanoids and 1,5-diaryl heptanoids'	UGC	2008 to 2010	55,000
4	Dr. Joseph V. P.	Development of data acquisition system for microwave scattering measurements	UGC	2009 to 2011	58,000
5	Dr. Davis Antony M.	'Multivariate Mittag-Leffle Distribution'	UGC	Aug'09 to May '11	70,000
6	Dr. Jacob George	'Role of goal setting in attaining and maintaining fitness through aerobic training'.	UGC	Aug'09 to May '11	1,20,000
7	E. J. Vincent	'Ex-situ conservation of medicinal plants in college campus and listing of medicinal plants in Irinjalakuda municipality'	UGC	Aug'09 to May '11	60,000



## ANNEXURE IV

## Grants Received (Major Projects)

Sl No.	Name of Faculty	Title	Funding Agency	Amount Received
1	Dr. John Thomas.	'Environmental control of Spatial and Social learning in fish: Role of the neural circuitry of <i>Hipocampal pallium</i> and <i>Amygdalar pallium</i> '	UGC New Delhi	5,73,600
2	Dr. John Thomas. and Dr.Sreekumar,S. (Co-investigator)	'Impacts of land use changes on the ecology of <i>Kol</i> wetlands (part of Vembanad <i>Kol</i> )-A Ramsar Site'	MOEF, Govt. of India	12,86,563
3	Dr. John Thomas. And Dr. Pius K. Jacob (Co-investigator)	'Development of strategies for seed production and enhancement of larval survival in <i>Ompok malabaricus</i> and <i>O. Bimaculatus</i> '	KSCSTE Trivandrum	
4	Dr. Joseph V. P.	'Study and development of liquid dielectric filled tunable metamaterials'	5,45,600	KSCSTE
5	Dr. George A.V.	'Predictive modeling for landslide occurring in the Western Ghats region of Kerala based on field studies and critical evaluation of land satellite imageries and GIS applications'.	Planning and Economic Affairs, Kerala	10,000
6	Dr. George A.V.	'Geo-environmental appraisal and hydrological scenario of a typical highland region of Western Ghats, with special reference to identification of fault/fracture and lineament zones and its impact on Mullaperiyar and Idukki and other dams using GIS imageries and GIS modelling'	Planning and Economic Affairs, Kerala	25000

7	Dr. George A.V.	Environmental status of the Periyar River drainage system of the Western Ghats region of Kerala'.	Planning and Economic Affairs, Kerala	48000
8	Dr. Sreekumar S.	Hazard and risk analysis of slide prone areas in Kerala Western Ghats.	KSCSTE Trivandrum	1,86,895
9.	Dr. Balu T Kuzhivelil	Metallothionein Gene, a molecular biomarker for heavy metal pollution and management	MOEF, Govt. of India	5,76,000

### Ongoing faculty research projects (Minor Projects)

Srl No.	Name of Faculty	Title	Amount Received	Funding Agency
1	Antony K. J	'Status of Manimala River with special reference to water quality analysis and environmental degradation due to pilgrimage tourism'	35000	UGC
2	Babu K. J.	'Environmental Impact of mining and quarrying in Chalakudy River basin'.	35000	UGC
3	Dr. John V. D.	'Antibacterial and antitumor studies of metal complexes of 1,7-diaryl heptanoids and 1,5-diaryl heptanoids'	55000	UGC
4	Dr. Joseph V. P.	Development of data acquisition system for microwave scattering measurements	34000	UGC
5	Dr. Davis Antony Mundassery	'Multivariate Mittag-Leffler Distribution'	47500	UGC
6	Dr. Jacob George	'Role of goal setting in attaining and maintaining fitness through aerobic training'.	65000	UGC
7	E. J. Vincent	'Ex-situ conservation of medicinal plants in college campus and listing of medicinal plants in Irinjalakuda municipality'	50000	UGC

## ANNEXURE V

## Presentations of papers in International/National/State level seminars/ Conferences

Sl. No	Name of the Teacher	Department	Title of the paper presented.	Details of the Programme
1.	Dr. V P Joseph	Physics	Effect of substrate parameter on the resonant properties of split-ring resonator Metamaterial	National symposium on "Quantum Confined Systems" at St. Thomas College, Palai on 3-5 Dec 2009
2.	Dr. V P Joseph	Physics	Automation of gunndiode for microwave frequency scanning application	National seminar on "Electronics ELKOS -09" at Prajyothi Nikethan College, Thrissur on 13-11-2009
3.	Dr. V P Joseph	Physics	A Flexible Metamaterial for Microwave frequencies	Academic Interaction programme at NSS College Ottappalam on 17-19 September 2009 organized by BRNS and DAE
4.	Sudheer Sebastian	Physics	Function Projective Synchronization in Chaotic Natural Networks	International workshop on "Delayed Complex Systems" organized by Max Plane Institute of Physics of Complex Systems, Dresden, Germany
5.	Dr. V D John	Chemistry	Anitumour studies of aluminum complexes of synthetic gdgh minerals	22 <sup>nd</sup> Kerala Science Congress held at KFRI, Peechi on 28-31Jan. 2010
6.	Sr. Ligi	Commerce	Liquidity and profitability of selected automobile companies	A seminar on "New Trends on Business Education" held at St. Joseph's College, Irinjalakuda on 18-19 Nov. 2009
7.	Tessy Paul	Botany	Biodiversity of Micro Algae in Poyya Mangrove Ecosystem, Thrissur District	22 <sup>nd</sup> Kerala Science Congress held at KFRI, Peechi on 28-31 January 2010
8.	Dr. K J Varghese	English	Enhancing Written Communication skills through E forums	International Conference organized by English Language Teachers' Association

9.	Dr. K J Varghese	English	Mobile Assisted language learning	International Seminar organized by District centre for English on 10-12 February 2010
10.	Dr.S.Sreekumar	Geology	Impact of mismanagement of slopes in Kerala and Management strategies	National Workshop on Natural Hazard, Disaster Mitigation and Management, CESS, Thiruvananthapuram, 25 <sup>th</sup> and 26 <sup>th</sup> August, 2009
11.	Dr.R.V.Rajan	Geology	Assessment of trace metal distribution and contamination in soil around Malabar Cements Ltd Company, Walayar	22 <sup>nd</sup> Kerala Science Congress, 28-31 January, 2010, Kerala Forest Research Institute, Peechi
12.	Dr. K T Thomas	History	From Kyoto to Copenhagen: The issue of global warming, equity and mitigation	Seventieth session of Indian History Congress held at Delhi University on 15-17 May 2010
13.	Dr. K Chandran	History	Changing Paradigms of Class Relations in Travancore	29 <sup>th</sup> South Indian History Congress Session, Manomanian University, Tirunalveli, Tamilnadu. On 30 <sup>th</sup> January to 1 <sup>st</sup> February 2010.
14.	N Anilkumar	Physical Education	Methicillin –Resistant Staphy Lococcus Aurevs (MRSA) among Athlete	An International Conference on “Modern Trends in Sports Technology, Management and Allied Sciences” held at Alagappa University Karaikudi on 8-9 March 2010.
15.	Shinil Kuriakose	Physical Education	The Anatomy and Exercise Physiology of Coaching Relating to Training	An International Conference on “Modern Trends in Sports Technology, Management and Allied Sciences” held at Alagappa University Karaikudi on 8-9 March 2010.

### Poster presentation

Poster presentation by Sudheer Sebastian, Department of Physics, in International workshop on “Delayed Complex Systems” organized by Max Plane Institute of Physics of Complex Systems, Dresden, Germany. Title: Function Projective Synchronization in Chaotic Natural Networks

### Publications of Research Papers

Dr. E M Thomas and Dr. C J Unni, Department of Economics were the editors of the book "Industrial Growth through Clusters" Published by department of Economics, Christ College, Irinjalakuda.

Sl. No	Name of the Teacher	Department	Title of the paper Published	Journal/Book
1.	Dr. Davis Antony Mundassery	Statistics	Bivariate Tailed Distributions and Processes	Journal of Statistics and Applications, (2009) 4, (1), 59-68
2.	Dr. Davis Antony Mundassery	Statistics	A generalization to bivariate Mittag-Leffler and bivariate discrete Mittag-Leffler autoregressive processes	Communications in Statistics- Theory and Methods (2010) ,39, 1-14
3.	Dr. V P Joseph	Physics	Effect of substrate parameter on the resonant properties of split-ring resonator Metamaterial	Proceedings of National symposium on "Quantum Confined Systems" at St. Thomas College, Palai
4.	Dr. V P Joseph	Physics	Automation of gunndiode for microwave frequency scanning application	National seminar on "Electronics ELKOS - 2009 " at Prajyothi Nikethan College, Trissur
5.	Sudheer Sebastian	Physics	Hybrid synchronization of hyperchaotic Lu system	PRAMANA, Journal of Physics, 2009, 73(4) 781
6.	Sudheer Sebastian	Physics	Adaptive function projective synchronization of two cell Quantum – CNN oscillators with uncertain parameters	Physics Letters A, 2009, 373, 1847
7.	Sudheer Sebastian	Physics	Adaptive modified function projective synchronization hyper chaotic Lorez system and hyperchaotic Lu system with uncertain parameters	Physics Letters A, 2009, 373, 3743

8.	Sudheer Sebastian	Physics	Function projective synchronization in chaotic and hyperchaotic systems through Open-Plus-Closed loop Coupling	Chaos, 2010, 20, 013115
9.	Sudheer Sebastian	Physics	Switched modified function projective synchronization of hyper chaotic Qi system with uncertain parameters	Communications in non linear science and numerical simulations., 2010, 15, 4058
10.	Sudheer Sebastian	Physics	Modified function projective synchronization of hyper chaotic systems through Open-Plus-Closed loop Coupling	Physics Letters A, 2010, 374, 2017
11.	Dr E M Thomas & Dr. C J Unni	Economics	Industrial growth through clusters	Industrial growth through clusters -2010, 1-6
12.	George Kolengaden	Economics	Industrial clusters in Kerala – Evolution, Interventions and Social responsibility	Industrial growth through clusters -2010, 174-183
13.	Dr. Joshi C O	Zoology	Ontogenetic and Seasonal variation of a silverbelly Gazza minuta(Block) from the Kerala coast	Journal of Zoological Society of Kerala (2009),12 (1&2) 24-30
14.	Dr. Mathew Paul Ukken	Chemistry	Some unsaturated beta diketones and their metal characters	Inorganic Chemistry
15.	Dr. Aravinda B P & Dr. Vivekanandan	Physical Education	Transcendental Meditation and skill learning in V B	Journal of Physical Education and Sports Sciences (2009)
16.	Dr. Aravinda B P	Physical Education	Anthropometric variable as predictor of Pol-evaluate performance	Journal of Physical Education and Sports Sciences (2009)
17.	Dr. Vivekanandan	Physical Education	Varied Feed back Techniques on Learning Ability and Performance in Volley ball among senior Secondary School boys	Research Journal in Physical Education and Sports (2009), 4, Issue 1,

18.	Dr. Vivekanandan	Physical Education	Effect of video modeling on learning jump service in Volley ball	Research Journal in Physical Education and Sports (2010), 2, Issue, 1
19.	Tessy Paul	Botany	Assessment of Biodiversity and Seasonal variation of Fresh Water algae in the Thrissur Kol wetlands (Part of Vembanad Kol, Ramsar site), Kerala	Journal of Economic and Taxonomic Botany 2009, 33, 3, 721-732
20.	C. Lathika and R.V.Rajan	Geology	Assessment of trace metal distribution and contamination in soil around Malabar Cements Ltd	Proceedings of 22 <sup>nd</sup> Kerala Science Congress, 28-31 January 2010, KFRI Peechi, pp. 670-671
21.	Sreekumar and Aaron Wilson	Geology	Impact of mismanagement of slopes in Kerala and Management strategies	Proceedings of National Workshop on Natural hazard, Disaster mitigation and Management, Centre of Earth Science Studies, Thiruvananthapuram, 25 <sup>th</sup> and 26 <sup>th</sup> August, 2009, pp. 52-55.
22.	Sreekumar	Geology	Techniques for slope stability analysis- site specific studies from Idukki District, Kerala,	Jour. Geol.Soc.India, Vol.73, June 2009, pp. 813-820
23.	Siji, M.B., Sreekumar, S., and Diljo Jose, T	Geology	Soil and water quality linked to landuse pattern – a case study of Karuvannur Riverbasin	Quarterly International Journal of Pollution Research, 2009, 28(4): pp. 46-52.
24.	Dr. K T Thomas	History	Geopolitics and Energy Security: The US in the Middle East	Proceedings of the Indian History Congress, Kolkata, 2009, 942-951
25.	Dr. K. Chandran	History	Effect of different types of goal setting on Performance	Journal of Phy. Education, Recreation, and Sports in Science and Technology, 2010,1,(1)1-15

## ANNEXURE VI EXTENSION PROGRAMMES

A number of extension programmes which are initiated by the institution, its various departments and other extra curricular bodies makes our college a unique. During the year we have organized following programmes under different platforms.

- A Computer awareness exhibition was organized on 18<sup>th</sup> August 2009 under the initiative of Bharathiar University off campus Centre,
- Jointly with Honda Group a Traffic Awareness programme was arranged for the benefit of students and staff on 22<sup>nd</sup> January 2010
- The Interdisciplinary Scientific Research and Development Organization (ISRDO) of the college organized a Cancer Detection camp on 2<sup>nd</sup> October 2009 in collaboration with the Amala Institute of Medical Sciences.
- The Bharathiar University off campus centre organized a “Computer Awareness Organization” on 18<sup>th</sup> August 2009 for computer science students
- An inspirational talk was arranged for all students of the college on “How to Prepare for Civil Service Exam” Sri. Alphonse Kannanthanam IAS, MLA was the speaker.
- A Career Orientation talk was arranged for all teaching and non teaching staff of the college on 4<sup>th</sup> march 2010. Rev. Fr. Davis Chirammeel was the resource person.

### **IAS Academy**

IAS Academy is a special attraction of our institution. With a vision to make reachable the civil services for students from semi rural and rural areas, a training programme for students for appearing Indian civil service examination was started. Expert trainers in this field were instrumentalised to engage the classes of IAS academy

### **Enviro Club**

- Celebrated World Environment Day by planting saplings at their houses on 05-06-2009
- Members enthusiastically participated in the removal of plastic wastes seen scattered in the campus on 07-08-2009 and the members promised to work hard for a plastic-waste free campus.
- A Seminar on ENVIRONMENTAL CONSERVATION – WHY & HOW was conducted on 11 - 11- 2009 and the Resource person was Dr. Induchoodan (Divisional Forest Officer). Nakshathravanam, a joint venture of Enviro Club and Botany Department was inaugurated on the same day.



- Acknowledging the endeavour of Enviro-club of Christ College, the unit has been selected under the Bhoomithrasena scheme (No. EMAK / 300 /2009 - dt.24/12/09) by the Environment Management Agency Kerala (Govt.of Kerala). The director of the aforesaid agency forwarded an amount of Rs.12, 000/- (rupees twelve thousand only) as the initial grant towards setting up the Bhoomithra club and its activities.

### **Women's Cell**

- A seminar of "Human Rights, Cyber Crimes and Ragging" on 23<sup>rd</sup> October 2009 by Adv. Fareeda Ansari ( Lawyer, Jananeethi, Human rights organization, Thrissur
- An Essay Competition for girl students on 31<sup>st</sup> December Topic : "Women in Media"
- Intercollegiate quiz competition on "Women Achievers" on 22<sup>nd</sup> January 2010
- The international women's day is celebrated with a talk on "Positive Thinking" Resource person. Dr. Sr. Dalmatia Panikulam, Clinical Counseling Psychologist.
- In order empower students by equipping them with skills to provide opportunities of self employment, training programme on Handicrafts and Paintings have been organized on twice in every week.

### **Tourism Club (Patronage of District Tourism Promotion Council, Thrissur)**

- Tourism day was celebrated on 27<sup>th</sup> September 2009 in a befitting manner, exhibiting posters and photos of tourist centres.
- The District Tourism Promotion Council organized a district level camp at Kerala Forest Research Institute on 11<sup>th</sup> January 2010.
- A seminar was arranged on "Development of Kerala with special refernce to Tourism". The resource Person : Sree. Cherian, Chairman, Kerala Tourism Development Corporation.
- A field trip was organized to visit "Porn" and "Iringol Kov" In Ernakulam District. It was a very informative and enjoyable programme.

### **Film Club**

- The activities of Film Club were officially inaugurated by famous cine music director Mejo Joseph. As a part of inauguration there was the screening of Malayalam movie "Thirakatha".
- In the most acclaimed Film Festivals conducted in Thrissur, the film club volunteers' work did receive appreciation from Foreigners. The volunteer's worked mainly in the media cell and programme committee.

- In February, the film club conducted a two day film festival in which all the staff and the students of the college participated. The films screened were Malayalam movie “Passenger” and the English classic “Merchant of Venice”.
- The film club produced a short film named “Your First Day at College” which was acclaimed as the second best short film in the Media City short film contest.

### **Inter Disciplinary Lecture Series**

Interdisciplinary lecture series committee, is constituted to create a platform to have discussions on current events of importance, especially on recent scientific developments and socially relevant. The committee will invite renowned personalities to deliver lectures. Dr. M. Sasikumar, our alumnus and Associate director of C-DAC (R&D Unit ) delivered this year’s lecture on “Prospects of IT in India” on 12<sup>th</sup> march 2010

### **N C C**

- Two Senior Wing Cadets of our Unit participated in the “Combined Annual Training Camp” held at Kanimanglam S. N. School from the 1<sup>st</sup> of July to the 10<sup>th</sup> of July 2009. It was organized by 7 Kerala Girls Battalion NCC.
- On 25<sup>th</sup> of July 20 cadets of our Unit participated in the specially organized function of honouring the Chief Justice of India Shri. K. G. Balakrishnan by the Bar Association of Irinjalakuda. It was indeed a memorable moment for the cadets for being able to interact with such a prestigious personality.
- On the 15<sup>th</sup> of August we celebrated the Independence Day with a wide variety of programmes. Our Principal Rev. Fr. Dr. Jose Thekkan Mathew hoisted the National Flag and it was followed by the National Anthem. Then the Principal spoke to the cadets on the importance of being responsible citizens of the country and to work hard to make our country one of the best in the world.
- In September, 45 of our cadets (29 SD & 16 SW) participated in the “Combined Annual Training Camp held at the Police Academy situated at Ramavarmapuram from 25<sup>th</sup> September to October 10<sup>th</sup>, 2009. This camp was Organised by 23(K) battalion and CSUO Jerin Antony of our College was the Camp Senior.
- On the 28<sup>th</sup> of October 2009 our unit conducted a One day trekking to Marottichal forest. 62 cadets (30SD & 32 SW) of our company participated in the trek. It was a fascinating experience for all and a new adventure activity for many.
- 10 SW cadets of our unit participated in the Combined Annual Training Camp organized by 7 (K) Girls Battalion at Kalady from 19-28 of December, 2009.

- 5 SD cadets of our unit participated in the Annual Training Camp held at Peramangalam S.N. School from 19<sup>th</sup> to 28<sup>th</sup> December 2009.
- On the 26<sup>th</sup> of January 2010, the Republic Day was celebrated by the Christ College NCC unit in a grand fashion. The flag hoisting at the college was done by Principal Rev. Fr. Dr. Jose Thekkan Mathew and he admonished the Cadets to uphold the National Unity and Brotherhood. Then they participated at the Republic Day Flag Hoisting celebrations at the Irinjalakuda Municipality and also took part in the Republic Day Rally organized by Irinjalakuda Municipality and won First Place in March Past.
- Many cadets actively participated in the sports competitions conducted for them and have won laurels and I am sure it has helped them in developing their self confidence and belief in themselves.
- Our college had the privilege of hosting the Former President of India, Dr. A.P.J. Abdul Kalam and Dr. K. Radhakrishnan, Chairman of ISRO on 29<sup>th</sup> of January 2010. Dr. K. Radhakrishnan was a former student of the college. Our Cadets got the privilege to give Guard of Honour to our Former President Dr. A.P.J. Abdul Kalam.

### **Department of Physics**

- The Department of Physics organized a one day orientation class for staff and first year degree students regarding the recently implemented Choice Based Credit Semester System was organized by the institution on 28<sup>th</sup> July 2009
- The Commemoration of the Hiroshima Day was celebrated by the Department of Physics on 6<sup>th</sup> August 2009
- An intercollegiate presentation contest “Ovaton - 2009” was organized for the final year degree students by department of Physics on 6<sup>th</sup> October 2009. Krishana Ramdas and team, Vivekanada College, Kunnankulam won the first prize
- Essay competition on selected topics of Astronomy in connection with the International Year of Astronomy (IYA) for the students of Christ College on 24<sup>th</sup> July 2009.
- Essay competition on “Galileo’s Role in Shaping the course of Astronomy” conducted by Association of Physics Teachers – Six students participated and two were selected to final round.
- Department of Physics, celebrated the Golden Jubilee year (2009-10). In this connection, the department sponsored a Golden Jubilee Trophy to Association of Physics Teachers for conducting a state level quiz competition in every year.

- In Connection with the IYA celebrations the department organized district level quiz competition for the college students on 14<sup>th</sup> Dec.2009
- UGC – NET coaching classes are organized for PG Students

### **Department of Mathematics Computer Science and Statistics.**

- A Seminar on Multi Media and Computer Animation was organized for the B Sc mathematics students on 19<sup>th</sup> October 2009.
- Practical sessions for B Sc Mathematics students on the applications of various Mathematical and Statistical software (like SPSS, Mathcad, Excel, etc) were arranged.
- They had also given opportunities to do Power Point presentation on various topics of their interest.
- A few students from Final B Sc Mathematics attended Mathematics Talent Search and Nurturing Programme at Calicut University Campus on 3-22 May 2010 and the undergraduate Mathematics training camp held at St. Thomas College, Palai on 17-26 May 2010.

### **Department of Zoology**

- Prof. V V Sudhakaran Endowment intercollegiate Essay writing competition on “Climate Change” was held on 25<sup>th</sup> September 2009.
- UGC – NET coaching classes are organized for PG Students

### **Department of Chemistry**

Two workshops were conducted on the manufacturing of hygiene products, soaps, harpic, detergents, shampoos, balm etc. for the benefits of students on 3 – 4 March 2010  
Resource Person Sri. Sreejith P S

### **Department of Malayalam**

- On July 17<sup>th</sup> 2009 (Malayalam New year Day) Kerala Bhasha Patana Vedi, an outfit of Malayalam department organized a Mammoth KAVYOTSAVAM. Noted Poet K V Baby read several poems and enthralled our students.
- The Kerala Bhasha Patana Vedi organized a seminar on “Asean Treaty and Economic Scenario in Kerala”. Noted ideologues K.Venu and Prof. E. Rajan participated. In the seminar.

- Five documentary films and five classic Malayalam films were screened for the degree students in order to improve their Multimedia interest for the study of literature.

#### **Department of History**

- A presentation day of the research projects was carried out by the final semester post graduate students on 17<sup>th</sup> September 2009
- An invited talk on “Research Methods” was delivered on 17<sup>th</sup> September 2009. Prof. Marykutty Jose, Head of the Department of History, Carmel College, Mala was the resource person.
- Post graduate students attended a seminar on “Early South Indian History” held at St. Thomas College on 11<sup>th</sup> February 2010
- The third semester postgraduate students of the department visited Regional Archives Centre, Ernakulam to acquaint themselves the techniques of preservation of historical methods.

#### **Extension Activities of Faculty Members**

- Dr. E M Thomas, Department of Economics has been working as a resource person for the “Subhashitham” Programme of Akasvani – All India Radio, Thrissur since 2003.
- Dr. K T Thomas have associated with the local community in organizing a Historical Exhibition at Holy Cross Church, Mapranam. He has also acted as the chairman of board of paper setters in History, in Mahatma Gandhi University, Kottayam.
- Dr. TVivekananda, adjudicator for a Ph. D Thesis in Baharathiyar University, Coimbatore.
- Dr. T Vivekanada is a research guide in Annamalai University and Vinayaka Mission University, Salem, Tamil nadu. He guided two students for their M Phil dissertation work registered in these universities.
- Sri. Joshy K Simon, Department of Botany, delivered a talk on “Red Data Book” for the undergraduate students of Little Flower College, Guruvayoor on 10<sup>th</sup> August 2009.
- Sri E J Vincent and Sri. Joshy K Simon, Department of Botany were resource persons in one day workshop conducted for the Biology teachers of Irinjalakuda educational district at Christ College teachers on 12<sup>th</sup> January 2010.
- Sri E J Vincent, Department of Botany was the observer of Kerala state joint entrance examination.

- Dr. K Chandran, Department of History was the Chief guest in the Annual day programme held at Sacred Heart Public School, Alwaye on 17<sup>th</sup> January 2010. He delivered a talk on “Student Parental Relations” in the programme. He was also the Chief guest in the Annual day programme held at St. John’s Public School Parappookkara, Thrissur on 17<sup>th</sup> April 2009. He delivered a talk on “Problems of School Education” He has acted as a resource person in the training programme for higher secondary school teachers held at St. Clare’s Convent School, Thrissur on 8<sup>th</sup> December 2009. Topic : Trends in History Teaching. He was a resource person in the seminar held at BLM Centre, Aloor. Topic : Secularism and Human Rights.
- Dr. K J Varghese, Department of English delivered a talk on “Computer and Language Studies” in a series of lectures held at Sree Sankara University of Sanskrit, Kalady on 15-16 October 2009. He was also a resource person in the Workshop on Linguistics conducted for high school teachers of Wayanad District. He delivered an extension lecture at Caramel College, Mala on “English Language Teaching – Approaches, Methods and Techniques” on 24<sup>th</sup> March 2010. He was a resource person for the 10 day training programme for high school teachers held at District Centre for English.
- Dr.A.V.George, Department of Geology was a resource person for Training Programme on Community based
- S.Sreekumar, Department of Geology was a resource person in the – Refresher Course in Environmental Science for College Teachers, John Mathai Centre, Thrissur, 23<sup>rd</sup> September, 2009. He was also a resource person in the Orientation Programme held at Academic Staff College, University of Calicut, 16<sup>th</sup> June, 2009. He took classes in the UGC – NET Summer coaching camp, CUSAT on March, 2009.

## **DECLARATION**

Certified that the data included in this Annual Quality Assurance Report (AQAR) are true to the best of my knowledge

Dr. K V Baby  
Reader, Department of Zoology  
Coordinator, IQAC

Rev. Dr. Jose T M  
Principal,  
Chairman, IQAC

Irinjalakuda,  
25-9-'10