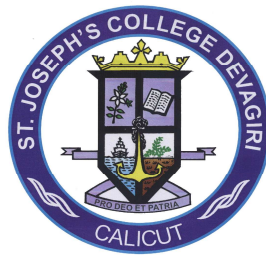


PRO DEO ET PATRIA

For God and Country

ANNUAL QUALITY ASSURANCE REPORT 2004-'05



ST. JOSEPH'S COLLEGE , DEVAGIRI

CALICUT – 673008, KERALA, INDIA

Accredited by NAAC with Grade A

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The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the College: St. Joseph's College, Devagiri, Calicut

Year of Report: 2004-'05

Part A: The Internal Quality Assurance Cell (IQAC) was constituted in the College for ensuring quality sustenance and enhancement, during the post-accreditation period, as a continuous process under the guidelines of National Assessment and Accreditation Council (NAAC). A meeting was held on 29th March 2004 in the College and in that meeting the general body of the IQAC was constituted.

Members of the Cell

Chairman:

Rev. Fr. V. T. Joseph CMI (Principal)

Members:

1. Dr. P. M. Mathew (Coordinator, Dept. of Mathematics)
2. Mr. P.I. John (Head, Dept. of Commerce)
3. Dr. Benny Joseph (Dept. of Physics)
4. Dr. Jose John Mallikasserry (Dept. of Chemistry)
5. Mr. C. T. Francis (Dept. of Commerce)
6. Mr. Joby K Jose (Dept. of Statistics)
7. Dr. Santhosh Nampy (Dept. of Botany)
8. Mr. C. J. Job (Office Superintendent)
9. Mr. C. I. Paulose (Office)
10. Mr. A. J. Thomson (Librarian)

The plan of action chalked out by the IQAC in the beginning of the year aimed the overall development of the college. Ample thrust was given to both infrastructure and academic developments of the Under Graduate (UG) and Post Graduate (PG) teaching departments as well as the Research departments.

The main proposals in the action plan are:

- To encourage teaching and non-teaching staff to participate in refresher courses, seminars, workshops, etc.
- To encourage and help the teachers apply for minor and major research projects.
- To organise orientation programmes for staff members with experts.
- To further strengthen research activities.
- To undertake more collaborative works.
- To arrange more seminars and invited talks.
- To begin lecture series in various disciplines.
- To strengthen the audio-visual facilities
- To modernise library facilities.
- To acquire more books and journals for the library
- To computerise office administration.
- To extend internet facility to staff and students.
- To offer more personal counselling to students.
- To strengthen career guidance and placement activities.
- To widen association and co-curricular activities.
- To enhance poor students' fund.
- To conduct remedial class for weak students at UG level.
- To conduct coaching classes for competitive examinations
- To start a film club with state level registration.
- To strengthen alumni activities further.
- To give more attention to academic activities in order to improve the result and number of rank holders in University examinations
- To build up an eco friendly campus.

The outcomes achieved by the end of the year:

During the year 2004-'05, the College organized two national level seminars and 29 self funded invited talks/seminars were organized by different departments of the College. This year, the faculty have initiated seven new minor research projects and three major research projects of different funding agencies. The faculty members and research

scholars have published more than 15 research papers in reputed national/international journals. They have also attended more than 75 national/international conferences, seminars and workshops. Our Principal Rev. Fr. V.T. Joseph has received the *Rashtriya Gourav Award* of India International Friendship Society, New Delhi instituted to honour those who have rendered meritorious services in educational, social, cultural and commercial fields. During this period, the institution secured two University ranks in UG and six in PG with a high pass percentage. The Departments of Botany and Zoology have received FIST assistance during this period. The research Departments of Zoology and Botany have produced three PhDs during this year. The institution has taken steps to upgrade the Departments of Chemistry and English to the status of Research Centres and the proposals for the same were sent to university for recognition. The Institution has conducted remedial classes for weak and SC/ST students and coaching classes for UGC NET/JRF for arts subjects. Our students actively involved in various community activities under the leadership of National Service Scheme (NSS), Compulsory Social Service (CSS) and the Social Work Department of the College. They were actively involved in blood donation, community services, cleaning the campus, helping the weak students of the nearby school by taking classes, etc. This year, our students bagged first prize in both B-Zone and Inter-Zone arts competitions conducted by the University of Calicut. There were a number of toppers in the field of sports. A number of seminars and placement opportunities were conducted by the career guidance and placement cell of the College. The automation work of the office is progressing. The Library has acquired more books and journals and the distribution of books has been completely computerised.

Part B:

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

The institution aims at forming leaders who are intellectually competent, spiritually mature, morally upright, psychologically integrated, physically healthy and socially committed; who will champion the cause of justice, love, truth and peace and who are ever open to further growth.

In this period the institutional activities were primarily focused on achieving the above mentioned goals and objectives and in the sustenance and enhancement of quality level attained over the years in different aspects of higher education.

2. New academic programmes initiated (UG and PG)

1. MBA (Self Financing)

- i) Weekend Programme
- ii) Regular Programme

2. Add-on Courses (UGC)*

- i) Medical Laboratory Technology (Zoology)
- ii) Bio-Fertilizer Technology (Botany)
- iii) Linux Operating System (Mathematics)

* Grant received from UGC (awaiting sanction of the University to commence the programmes)

3. Innovations in curriculum design and transactions

Affiliated colleges have little scope in the preparation of their own syllabi. The syllabi and curriculum are reviewed and revised every three years by the Board of Studies concerned at the University level and many members of the teaching faculty regularly contribute to the revision and redesigning of the curriculum by being members of various official as well as voluntary academic bodies like the Board of Studies, Kerala Mathematical Association, Botany Teachers Association, Organization of Physics Teachers In Calicut University – *OPTIC* etc. and by participating in special workshops organized by the University and other academic establishments. The University often seeks and makes use of the expertise available in this institution for framing the syllabus.

The following faculties are members of the Board of Studies in different Universities in Kerala during the academic year.

- 1. Mr. P. I. John (Commerce) : P G Board of Studies, Kannur University.
- 2. Dr. C. J. Mani (Botany): P G Board of Studies, University of Calicut.
- 3. Mr. P. N. Vijayan (Physics): P G Board of Studies, University of Calicut.
- 4. Dr. P. M. Mathew (Mathematics): P G Board of Studies, University of Calicut.
- 5. Dr. George Mathew (Zoology): P G Board of Studies, Kannur University

Besides this, the institution is continuously monitoring students through activities like internal examinations, group discussions, seminars etc.

4. Inter- disciplinary programmes started

The new programmes that were introduced (mentioned in item 2) were all of an inter-disciplinary nature.

5. Examination reforms implemented:

This institution has already appointed a committee for internal examinations which monitors the whole process of examinations. The evaluation methods were announced in the orientation classes by the tutors of respective classes at the beginning of the academic year. The time table for the conduct of examinations was given in the academic calendar. Class tests were conducted regularly for all the programmes. In addition, two terminal examinations for second and third year degree students and one terminal examination and a model examination for first year degree students were conducted on the University question pattern. The results were exhibited in the department notice boards and intimated to the parents within two weeks of the examinations and the tutors concerned gave timely advice and proper guidance to those students who did not perform well. For PG students two or three tests were conducted for each paper per semester apart from seminars and assignments.

The P.T.A. and the committee for internal examinations supervised the conduct of the examinations and ensured that progress reports were sent to the parents in time.

Controllers for internal examinations:

1. Mr. T. O. Augustine (History)
2. Dr. P. M. Antony (Hindi)

In addition to the above, class tests, project work, assignments, seminars, study tour, field visits etc. were also conducted to evaluate and assess students.

6. Candidates qualified for UGC/CSIR/JRF etc.

Sl. No.	Name	Examination	Department
1	Arunlal K.	UGC/JRF	English
2	Priya Philip	UGC/NET	English
3	Surya K.	UGC/NET	English
4	Sandhya S.B.	UGC/NET	Economics
5	Greeshma H.	UGC/NET	Economics
6	Radeena D.N.	UGC/NET	Economics

7	Anuradha N.	UGC/JRF	Mathematics
8	Usha K.K.	UGC/NET	Mathematics
9	Sreena P K.	UGC/NET	Mathematics
10	Sajna K.V.	UGC/JRF	Chemistry
11	Jomon Mathew	UGC/JRF	Chemistry
12	Merlin Thomas	UGC/NET	Chemistry
13	Deepa K. Baby	UGC/NET	Chemistry
14	Dinesh Raj	UGC/NET	Botany
15	Sudheeshkumar T.K.	UGC/NET	Zoology

7. Initiative towards faculty development programme

Teachers from various departments attended refresher course/orientation course/workshops/seminars for their career development and research as well as for the benefit of the college. Eight teachers were awarded Ph.D. this year. Moreover seven teachers are carrying out research under FIP scheme.

i. No. of teachers participated in Orientation/Refresher Courses	:	7
ii. No. of conferences/workshops/seminars attended by the staff	:	78
iii. No. teachers awarded Ph.D	:	8
iv. No. of teachers undergoing research	:	7

(Details given in Annexure-I)

8. Total number of seminars/workshops conducted

a) National seminars - 2

1. National Seminar on *Insect Growth Regulators and Natural Products in Insects Pest Management*, conducted by Dept. of Zoology (Sponsored by UGC and KSCSTE, Govt. of Kerala): 11-01-2005
2. Workshop on *Assessment and Accreditation – Theory and its Practice*, organized by St. Joseph's College, Devagiri jointly with the College Development Council, University of Calicut: 15-01-2005.

b) Self funded seminars - 29

The departments organized self financed seminars/lectures on various topics of interest. Such seminars are regular practices of several departments.

(Details given in Annexure-II)

9. Research Projects

a. Minor Research Projects funded by UGC

At present, teachers of different departments are having 14 minor research projects of which 8 are newly implemented and the remaining are either ongoing or completed this year. The list is given below.

No.	Name and Dept. of PI	Title of the Project	Amount (in Rs)
1.	Dr. P. M. Antony, Hindi	<i>Malayalam Ke Anchilik Upanyason Mein Chitritih Janasamaj Ki Samajik Chethana</i>	45,000
2.	Dr. Sreekumar R., Physics	<i>Preparation and Characterization of Natural Rubber Based Fibre Reinforced Conducting Composites and Nano Composites</i>	90,000
3.	Dr. Sanathanan Velluva, Economics	<i>Economics of Pepper Cultivation in Kerala – A Micro Level Enquiry</i>	32,000
4.	Dr. Benny Joseph, Physics	<i>Fabrication of Dip Coating Technique Set Up for the Film Deposition and Preparation of Transparent Conducting ZnO Films</i>	65,000
5.	Dr. Sevichan P.J., Botany	<i>Isolation of Cyanobacteria of Kozhikode District and its Utilization as Biofertilizer for Rice</i>	35,000
6.	Dr. Muraleedharan T.K., Mathematics	<i>Difference Spectrum and Locally Non-Synthesizable Points</i>	45,000
7.	Dr. Mani P.M., English	<i>Liturgies of Imposture Ritual and Role Play as Reality in Genet's Play</i>	30,000
8.	Mr. A. T. Thomas, Zoology	<i>Birds and Crop Damage in the Paddy Fields of Calicut District and Neighbouring Areas</i>	26,000
9.	Dr. Benny T. M., Zoology	<i>Effect of Insect Growth Regulators on Spermatogenesis and the Development of Accessory Sex Glands in Spodoptera Mauritii Boisduval (on going)</i>	23,500
10.	Dr. Bobby Jose, Zoology	<i>Habitat and Group Size of Jungle Babbler and Whiteheaded Babbler and Rufous Babbler (on going)</i>	18,000
11.	Dr. Sibichen M. Thomas, Botany	<i>Morphologic and Taxonomic Studies on Fabaceae (Tribe Gentisteeae) in South India (on going)</i>	25,000

12.	Dr. Mani C. J., Botany	<i>Biochemical Studies in Relation to Foot Root Disease in Black Pepper and Related Species (on going)</i>	25,000
13.	Mr. Jojo Joseph, Botany	<i>Antimutagenicity and Anticarcinogenicity of Extracts and Essential Oils of Liliacea (on going)</i>	25,000
14.	Dr. P.M. Mathew, Mathematics	<i>Studies on Finite Topological Spaces and Selected Topics (ongoing)</i>	25,000

b. Major Research Projects

No.	Name & Dept. of PI	Title	Funding Agency	Amount (in Rs.)
1.	Dr.Sabu K. Thomas, Zoology	<i>Studies on the Biology and Rubber Litter Substrate Quality Influence on the Dynamics of Lurrops Beetles</i>	KSCSTE, Govt. of Kerala	6,00000
2.	Dr. Raju Francis, Chemistry	<i>Restriction of Chainfolding on the Clouding Point of Nipane – Malcinido Acetic Acid and Copolymers</i>	DST, Govt. of India	7,32,000.
3.	Dr.Sabu K. Thomas, Zoology	<i>Litter Insect Dynamics with Special Reference to Ecological Succession and Chemical Ecology along Varying Altitudes in the Wynad and Coorg Forests of Western Ghats (ongoing)</i>	MoEF . Govt. of India	11,00,000
4.	Dr. Santhosh Nampy, Botany	<i>Comparative Morphology and Systematics of Crotalaria L (Fabaceae) in South India (ongoing)</i>	KSCSTE Govt. of Kerala	2,35,000
5.	Dr. George P.S, Botany	<i>Micropropagation of Tinospora Cordifolia and Hairy Root Culture of Holostemma Annulare (ongoing)</i>	DST, Govt of India	3,40,000
6.	Dr. Sanathanan Velluva, Economics	<i>Development Efforts on Livelihood Strategies of Tribals in Attappadi, Kerala (ongoing)</i>	Kerala Research Programme on Local Development Fund, CDS Trivandrum	1,60,000

10. Patents generated if any: Nil

11. New collaborative research programmes: Nil

12. Research grants received from various agencies:

Research Grants received from various agencies during the year 2004-05 are as follows:

a) Seminar Fundings

No.	Funding Agency	Department	Name of the seminar	Amount (in Rs.)
1.	KSCSTE,	Zoology	<i>Biodiversity Conservation and Participatory Forest Management</i>	10,000
2.	MHRD	Economics	<i>Intellectual Property Rights – Past and Present.</i>	1,00,000
3.	MHRD	Social Work	<i>National Integration Camp (Multi – Cultural Programme , for 500 Youths)</i>	1,59,000
4.	UGC	Commerce	<i>New Initiatives in Entrepreneurship For Sustainable Development</i>	30,000
5.	UGC	Hindi	<i>Twenty first Century Drama with Special Reference to ‘Anveshak’</i>	25,000

b) Minor Research Projects

No	Name and Dept. of P I	Title of the Project	Amount (in Rs)
1.	Dr. P.M.Antony, Hindi	<i>Malayalam ke Anchilik Upanyason Mein Chitritih Janasamaj Ki Samajik Chethana</i>	45,000
2.	Dr. Sreekumar R., Physics	<i>Preparation and Characterization of Natural Rubber Based Fibre Reinforced Conducting Composites and Nano Composites</i>	90,000
3.	Dr. Sanathanan Velluva, Economics	<i>Economics of Pepper Cultivation in Kerala – A Micro Level Enquiry</i>	32,000
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5.	Dr. Sevichan P.J., Botany	<i>Isolation of Cyanobacteria of Kozhikode District and Its Utilization as Biofertilizer for Rice</i>	35,000
6.	Dr. Muraleedharan T.K., Mathematics	<i>Difference Spectrum and Locally Non-Synthesizable Points</i>	45,000
7.	Dr. Mani P.M., English	<i>Liturgies of Imposture Ritual and Role Play as Reality in Genet's Play</i>	30,000
8.	Mr. A. T. Thomas, Zoology	<i>Birds and Crop Damage in the Paddy Fields of Calicut District and Neighbouring Areas</i>	26,000

c) Major Research Projects

No.	Name & Dept. of PI	Title	Funding Agency	Amount (in Rs.)
1.	Dr.Sabu K. Thomas, Zoology	<i>Studies on the Bology and Rubber litter Substrate Quality Influence on the Dynamics of Luprops Beetles</i>	KSCSTE, Govt. of Kerala	6,00,000
2.	Dr. Raju Francis, Chemistry	<i>Restriction of Chainfolding on the Clouding Point of Nipane – Malcinido Acetic Acid and Copolymers</i>	DST, Govt. of India	7,32,000

d) Other funds

UGC X Plan PG Assistance	:	Rs 1,10,000
UGC X Plan UG Assistance	:	Rs 3,12,000
NBHM Library Grant	:	Rs 47,278
Total Grant received	:	Rs 24,93,278

13. Details of research scholars

a) List of research scholars doing Ph.D. during the year

Sl. No.	Name	Department	Full time/ Part time	Reaserah Guide
1.	Nisha P.	Botany	Full time	Dr. Santhosh Nampy
2.	Joby Paul	Botany	Full time	Dr. Santhosh Nampy
3.	Dinesan Cheruvath	Zoology	Part time	Dr. V J Zacharias
3.	Abraham C. J.	Zoology	Part time	Dr. V J Zacharias
4.	T. A. Ligi	Zoology	Full time	Dr. V J Zacharias
5.	Antony P. U.	Zoology	Part time	Dr. V J Zacharias
6.	Jansamma Thomas	Zoology	Full time	Dr. Sabu K Thomas
7.	K. K. Philipose	Zoology	Part time	Dr. V J Zacharias
8.	Zeenath Choziyattel	Zoology	Full time	Dr. Sabu K Thomas
9.	Nishi Ann	Zoology	Full time	Dr. Sabu K Thomas
10.	Manoj Balakrishanan	Zoology	Full time	Dr. Sabu K Thomas
11.	Ushakumari A.	Zoology	Full time	Dr. Sabu K Thomas
12.	Anu Anto	Zoology	Full time	Dr. Sabu K Thomas
13.	Joby M. C.	Zoology	Full time	Dr. Sabu K Thomas
14.	Vineesh P. J.	Zoology	Full time	Dr. Sabu K Thomas
15.	Muhammed Basheer	Zoology	Part time	Dr. Sabu K Thomas

b) Ph.D Awarded from research centres of the College during the year

1. Mr. Sibichan M. Thomas - Botany, (Dr. Santhosh Nampy)
2. Mr. Dinesan Cheruvath - Zoology (Dr. V. J. Zacharias)
3. Mr. Abraham C. J. - Zoology (Dr. V. J. Zacharias)

c) List of Publications of the Faculty/ Research Scholars : 11

(Details given in Annexure-III)

14. Citation index of faculty members and impact parameter

(Details given in Annexure-III)

15. Honours/Awards to faculty

Fr. Joseph Vayalil, Principal received *Rashtriya Gourav Award* of India International Friendship Society, New Delhi instituted to honour those who have rendered meritorious services in educational, social, cultural and commercial fields. The award was given away by Dr. B. N. Singh, Former Governor of Tamil Nadu, at a function organized in Chennai.

16. Internal resources generated

1. Income generated from off Campus programmes	:	10,00,000/-
2. Income from self financial courses like M.S.W and M.Sc. Statistics	:	5,00,000/-
3. Income from other sources like rent for external examinations, rent for play ground, etc..	:	50,000/-
4. P. T. A. collection	:	5,25,000/-

17. Details of departments getting SAP,COSIST-DST,FIST etc assistance/recognition

1. FIST of DST - Botany Department (2003-08) – Rs. 16,00,000/-
2. FIST of DST - Zoology Department (2003-08) – Rs. 8,00,000/-

18. Community Services

As a Christian institution dedicated to the empowerment of the downtrodden and following in letter and spirit the golden saying “ Service to the poor is service to God” this institution strives for building up a responsible and socially conscious community.

The institution provides all sorts of support to forums like NCC, NSS and CSS aimed at inculcating a sense of civic responsibility in students, to enable them to be agents of social change

C.S.S. (Compulsory Social Service)

Most of the departments followed a standard protocol for the successful completion of Compulsory Social Service during the academic year 2004-2005. Almost all the students participated enthusiastically in the programme which was envisaged by the University for the benefit of students and the nearby community. Some of the major activities undertaken during the year include the following –

- The tuition given to the children of Savio L.P. School by the students of the final year B.Com. was widely appreciated and received extensive coverage in *India Today* &

Deepika magazines. They also celebrated the state festival *Onam* in the school premises with a number of competitions, cultural activities and distribution of sweets.

- Physics students collected and distributed books to poor students of St. Thomas U.P. School, Kallurutty, Kozhikode. They also arranged seminars and classes in the school.
- Zoology students collected books for donating to the local library and arranged “Diabetics Awareness Campaign” jointly with City Rotary Club and P.V.S. Hospital, Kozhikode.

NSS

The following events can be considered as milestones in the N.S.S. activities

- Sanal George of I B. A. English attended the Republic Day Parade at New Delhi, first in the history of N.S.S. units of our College.
- 79 of our volunteers underwent Trauma Care Training given by Trauma Care Society, Calicut.
- 139 of our volunteers are in different stages of the Palliative Care Training conducted by the Palliative Care Society, Calicut.
- Developing and maintaining a beautiful garden in the premises of the Institute of Palliative Medicine, Govt. Medical College, Calicut.

Nature Club (Affiliated to WWF – India and OISCA International, Japan)

This year, a large number of activities were conducted by the Nature Club. The list given below shows the main activities of the club

- “World Ocean Day” celebration in association with WWF ,India (8, June 2004).
- “*Palathully*” exhibition, arranged in association with Malayala Manorama (18, June 2004)
- A seminar on Rain Water Harvesting, chief guest, Dr. E.J. James, Executive Director, CWRDM, Calicut. (17, July 2004).
- ‘*Vana Mahotsava*’ rally and planting of trees in the campus ,26, June 2004.
- The reception given to Mr. Mitsui Takashi and Mrs. Yajima Tomoko, OISCA International delegates from Japan (9, December 2004).
- A three day University level intercollegiate camp on ‘Healthy practices in food farming’ at which topics like ‘Genetically Modified Food , Junk Food, Organic

Farming, Artificial Ingredients in Food, Food for Good Living etc. were discussed (29-31, October 2004)

- Water tank with a capacity of 10,000 litres was constructed in the College premises for rain water harvesting with P.T.A. funding of Rs.25,000/-
- We are very proud to announce that our college has entered the second stage of the All Kerala Palathulli, competition, based on rain water harvesting and clean campus, conducted by *Malayala Manorama Daily*.

N.C.C. Army Wing

- Twenty parades were conducted which included firing practice and social service.
- Corporal Spince Jose of I B.A. Economics represented the College at the Republic Day Parade, Delhi.
- Jomon George of II B.Sc. Physics represented the College in Tal Sainik Camp, Delhi.
- As in the seven preceding years our cadets were chosen as the Best Platoon at Republic Day Parade at Vikram Maidan, West Hill.
- The Cadets conducted a two-day trekking expedition to Vellarimala waterfalls in Kozhikode district.
- Thirty five cadets appeared for B certificate examination and twelve for C certificate examination.

N.C.C. Naval Wing

- Four Naval wing cadets from our College attended the most prestigious 2005 Republic Day Parade at Delhi.
- Sreejith and Arun C.C. attended the one month long Nausainik Camp at Visakapattanam.
- This year we conducted trekking at Vellarimala waterfalls on 28 November 2004. Forty cadets participated in the trekking camp and cadets walked around 30 kilometres through the forest to reach the waterfalls and hoisted the NCC flag.
- The cadets participated in a number of social service activities such as blood donation, wildlife conservation rally and so on.

Social Work Department

The Social Work Department conducted following activities for the benefit of the society.

- One day anti dowry campaign in association with Kerala Women's Commission, March 2004.
- One day drug awareness programme, June 2004.
- 7 day rural camp at Pakkam, Wayand in association with SEEDS & Kudumbasree Units, December 2004.

19. Teachers and officers newly recruited:

As part of the ban imposed by the Government of Kerala, no regular teachers were appointed during this academic year. The institution appointed guest teachers in various departments.

20. Teaching – non teaching staff ratio : 1.88:1

21. Improvements in library services:

The library is fully computerized. Internet facility has been expanded and rent is made minimal to cover the running expenses alone. More shelves and racks were acquired and improved reading section facilities apart from more electrical fittings to provide better light and comfort.

22. New books/ Journals subscribed and their value

Books - 49216 (old) ; 1082 (new)

Journals / Periodicals - 103 (old) ; 9 (new)

Value for the newly acquired Books - Rs. 2,16,847/-

Journals/Periodicals – Rs. 4,500/- (new subscription)

23. Courses in which student assessment of teacher is introduced and the action taken on student feedback.

As before the teachers were assessed by their third year UG and final semester PG students. The students also gave their feedback on curriculum aspects, teacher-learning process, support services and other facilities offered by the institution during their course of study. The findings were submitted to the respective departments and teachers for their analysis and necessary actions.

24. Unit cost of education

Rs. 24,799/- (Including Salary)

Rs. 3,157/- (Excluding Salary)

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

The process of automation of the college administration is progressing. A programme working in Linux platform has been installed, and as a first phase of automation, first year admissions were all computerized. Salary bills and issue of some certificates were already automated.

26. Increase in infrastructural facilities

To keep pace with academic growth like establishment of research centres in various disciplines, the introduction of new courses and increase in the number of quality students, the College has augmented its resources and upgraded its available facilities.

The College canteen was renovated with separate sections for the staff, boys and girls.

This year the institution has purchased 10 Computers, LCD, P A system, DVD Player etc. The Library was fully automated this year.

27. Technology up gradation

Quality is the cumulative product of both human and material resources in any educational institution. This institution regularly makes technology up gradation along with its academic growth. Computerization of the library with internet facility and software development towards office automation on Linux platform were some ventures in this regard. Departments like Botany, Zoology and Chemistry are doing research and are well equipped. The administrative machinery has improved a lot in its service due to computerization and systematic monitoring.

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

Internet facility is provided for all students and staff at a nominal rate in the library.

Internet facility is also available in Departments like Mathematics, Botany and Zoology.

29. Financial aid to students

There are many students who are socially backward and economically poor and the institution strongly believes that no student should be denied access to higher education because of financial difficulties.

The College has established about thirty one scholarships and endowments for the benefit of outstanding students. About one-third of the students enjoy fee concession under KPCRA and Harijan Welfare Schemes. In addition, this institution extends assistance to a few more students for which it raises a Students Welfare Fund. The Employees' Co-operative Society also helps a few poor students. Some students avail financial aid in the form scholarships from the Central and State Governments.

30. Activities and support from the alumni association

The College Alumni Association was formed to establish partnership between the alumni and the management to help the institution in the on going developmental efforts.

The alumni association brings the former students to maintain close contact to encourage liaison among the alumni who belong to different rungs of career and are scattered in the country and abroad. 21 teachers are former students of this College and many former students hold prominent positions in society. This has organized the All Kerala Iner-Collegiate Basket Ball competition Tournament for Men and Women from 24 to 28 January 2005.

31. Activities and support from parent teacher association

The main objectives of the P.T.A .are to foster and promote good relationship among the members of the teaching staff, students and their parents, to create in its members a keen interest for the smooth working and progress of the college and for maintaining discipline and high academic standards and to provide amenities to the students of the college.

Office Bearers for the academic year 2004-05

- 1) Mr. T. S. Venkitachalam(President)
- 2) Mr. M. P. Jose, Department of Mathematics (Vice President)
- 3) Mrs. Manju Kabra B (Vice President)
- 4) Mr. Charley Kattakkayam, Department of Physics (Secretary)
- 5) Mr. V. K. Jayarajan Nambeesan
- 6) Mr. K. V. George
- 7) Mrs. Thresia Mani
- 8) Mr. Jose Mary Das, Department of Botany
- 9) Mr. James Thomas, Department of English
- 10) Mr. Joy Joseph, Department of Chemistry

Activities

- Progress reports of terminal examinations were prepared and sent to the parents in time.
- Convened class wise meeting of parents on 18-07-2004 , 19-01-2005 and discussed the academic performance of their wards
- Coordinated tutorial system and convened tutors meeting on 13-09-2004 and 12-01-2005 to discuss performance of the students.
- Provided financial support for the development works of the college.
- All the student details are completely computerized.
- Constructed a 10,000 litres rain water harvesting tank and took initiative in maintaining a plastic eco friendly campus.
- Provided financial support to the B-Zone and Inter-Zone participants of the college.

32. Health services

No permanent medical officer is serving the campus. This lacuna is remedied by the presence of the Calicut Medical College, which is situated within 500 m from the campus. The fact that many among the doctors are alumni of the college is of great help during times of need. Moreover, annual medical check-up is conducted for the students. Zoology department conducts blood group testing for the students every year. A counselling centre is functioning on a regular basis for assisting the students in their stress related and other personal problems

33. Performance in sports activities

To develop leadership qualities and for the all round development, students' participation in sports activities is essential. This institution has always been in the forefront of providing all sorts of encouragement to promising sportsmen. Every year, the College produces a handsome number of students with creditable achievements at the University, State and District levels. To encourage the students' participation in sports and games this institution honours the outstanding sportspersons with cash awards, scholarships and prizes and felicitates them at specially convened meetings.

The College has participated in all the major games and sports in University Championships and in district league championship.

- Shuttle Badminton: Secured II position in the individual and team championships in the University zone and in the Inter zone competitions.
- Cricket team: Came II in the A zone and participated in the University Inter-zone Championship. They also secured the District league championship.
- Football Team: Secured III place in the A zone and participated in the Inter-zone Championship. They also participated in the Kandakulathy Kerala inter-Collegiate Trophy and Fr. Vattukulam Trophy.
- Basketball Team: Secured III place in the A zone and participated in the Devagiri Trophy All Kerala inter-Collegiate Championship and Manjeri invitation Championship.

Excellence at individual level

- **Arjun Prasad:** Shuttle badminton: National mixed doubles champion, National Jr. Doubles semi-finalist, State Jr. doubles Champion, Calicut University Team member in Shuttle badminton.
- **Nisha Mary John:** Discus Throw : II place in Jr. National Athletic Meet, V place in all India Inter-University, IV place in South-Zone National meet, Record & I place in Jr. State meet, Record & I in All Kerala College Games, Record & I place in South-Zone States meet, Calicut University Champion.
- **Sonu S Pillai:** Hammer Throw: III place in South-Zone National meet, I place in South-Zone meet, I place in Jr. State meet, III place in All Kerala College Games, Record & I in Calicut University Athletic meet.
- **Unnikrishnan T G:** Shot Put : II place in South-Zone State meet, IV place in South-Zone National meet, I place in Calicut University Athletic meet.
- **Rathilal C P:** Gymnastics : Senior National participation, Two I & four II places in University Weightlifting Championship, Calicut University & Kerala State Championship in 77 kg.
- **Anand P:** Shuttle Badminton : Kerala State Jr. doubles Championship, Calicut University team member.
- **Shabin P.K:** Shuttle Badminton : Calicut University Team member.
- **Rahish P:** Cricket : Calicut University & Under 22 District Team member.

- **Fahad A:** Cricket : Calicut University team member, North-Zone & Calicut District Team member in Under 19 & 22 Category.
- **Sampath Kumar P S:** Powerlifting : Calicut University III place in 105+ kgs Category Weight lifting, Kerala State III place in 105+ kgs Category.
- **Midhun Jose:** Basketball : Represented Calicut District Men Team.
- **Ramakrishnan G:** Cricket : Represented Calicut District Under 22 Team.
- **Sirajudheen:** Cricket : Represented Calicut District Under 22 Team.
- **Anees K C:** Cricket : Represented Calicut District Under 19 Team.
- **Aswanth P:** Cricket : Represented Calicut District Under 19 Team.
- **Nithin Jose P:** Football : Represented Calicut District Under 19 Team.

College Annual Sports was conducted on 19 January 2005. Special Trophy for March Past was won by Physics department and Overall Trophy was won by Economics department. Anoop C. Das & Jaris P.K. won individual championships in Mens' section & Mridula Thomas won individual championship in women's section.

In association with the Alumni Association, we conducted the Second All Kerala Inter-Collegiate Basketball Championship from 24 to 28 January 2005. This year Womens' section was introduced in the Tournament. Eight Teams in Men & Six Teams in Women section participated.

34. Incentives to outstanding sports persons.

To encourage the students' participation in sports and games this institution honours the outstanding sportspersons with cash awards, scholarships and prizes and felicitates them at specially convened meetings.

35. Students achievements and awards

Academic achievements

UG Results (2001 – '04 Batch)

Sl. No	Subject	Students appeared	Pass Percentage(%)	No. of first classes	Remarks
1.	B.A.English	27	60	2	I Rank*
2.	B.A.Economics	52	88	13	II Rank*
3.	B.Com	57	69	29	

4.	B.Sc.Physics	34	91	27	
5.	B.Sc. Mathematics	38	71	21	
6.	B.Sc.Chemistry	31	65	16	
7.	B.Sc.Botany	23	92	13	
8.	B.Sc.Zoology	28	79	17	

*University Ranks

1. Pramod K. I Rank B.A English
2. Augustine John T.A. II Rank B.A Economics

P G Results (2003 – '04 Batch)

Sl, No	Subject	Students appeared	Pass Percentage(%)	No. of first classes	Remarks
1	M.A. English	20	90	14	I, II , III Rank*
2	M.A. Economics	14	79	9	I Rank*
3	M.Com	14	99	13	
4	M.Sc. Physics	11	73	8	
5	M.Sc. Mathematics	18	84	15	
6	M.Sc. Chemistry	12	92	11	
7	M.Sc. Botany	10	90		I, III Rank*
8	M.Sc. Zoology	12	100	12	

*University Ranks

English

- Arunlal K.- I Rank
Priya Philip - II Rank
Surya K. - III Rank

Economics

- Greeshma H. - I Rank

Botany

- Anu Chandra - I Rank-
Regisha K. K. - III Rank

No. of Ph.Ds awarded from research centres of the College: 3

1. Mr. Sibichen M. Thomas - Botany
2. Mr. Dinesan Cheruvath - Zoology
3. Mr. Abraham C. J. - Zoology

No. of publications in national/international journals: 11

(Details given in Annexure - III)

b) Non academic (Cultural):

- College won the championship in B-Zone and Inter Zone arts festivals of Calicut University. Mithran V (II B.Sc. Physis) received the *Chitraprabhitha* and Meghna K (II B.Sc. Botany) received *Kalathilakam* titles in B-Zone festival
- Mr. Joby Jose II BA(English) and Miss Latha Mary John were selected as the Second Best Parliamentarian and Best Debater in the “Student Parliament “ jointly organized by the Department of Parliamentary Affairs at Civil station Calicut, 12, January 2005.
- Sanal George of I B.A. English attended the RD Parade at New Delhi, first in the history of N.S.S. units of our College.
- Corporal Spince Jose of I B.A. Economics represented the College at the Republic Day Parade, Delhi.
- Jomon George of II B.Sc. Physics represented the College in Tal Sainik Camp, Delhi.
- As in the seven preceding years our cadets were chosen as the Best Platoon at Republic Day Parade at Vikram Maidan, West Hill.
- Four Naval wing cadets from our College attended the most prestigious 2005 Republic Day Parade at Delhi
- Sreejith and Arun C.C. attended the one month long Nausainik Camp at Visakapattanam

36. Activities of guidance & counselling units

The teachers of different department take keen interest in the guiding, counselling and mentoring services. The students get personal attention from the teachers in their academic and curricular problems.

Sl. No.	Date	Programme	Resource Person	Number of students attended /availed the opportunity
1.	20-07-2004	Personal counselling for students	Sr. Grace MSMI	17
2.	19-08-2004	Talk: Need and Importance of counselling I B.A. and B.Com. I B.Sc. Personal counselling for students	Sr. Grace MSMI	147 198 7
3.	30.09.2004	Personal counselling for students	Sr. Daisy Issac	18
4.	06-10-2004	Personal counselling for students	„	25
5.	13-10-2004	Personal counselling for students	„	14
6.	28-10-2004	Personal counselling for students	Sr. Elsis Mathew	22
7.	04-11-2004	Personal counselling for students	„	14
8.	20-11-2004	Talk to I PG students Personal counselling for students	Dr. Basheerkutty	64 9
9.	13-12-2004	Personal counselling for students	„	14
10.	04-01-2005	Personal counselling for students	„	15
11.	12-01-2005	Personal counselling for students	Sr. Grace MSMI	10

37. Placement services provided to students:

Class Teachers and Placement Cell of the College regularly display the information of job opportunities from time to time on the notice board for the benefit of the students. This year a few companies like *Elli Lilly* have conducted campus interviews and some students were selected.

38. Development programmes for non-teaching staff

Academic and administrative planning and development in the institution move hand in hand. The College has implemented various programmes to enable the staff to function more effectively. Placements are made on the basis of seniority as well as efficiency. Employees need training in advanced skills related at least to their work. In recent years this College has arranged a one month long workshop (4 p.m. to 5 p.m. only) to make the non – teaching staff fully computer literate. Also a few of the staff were deputed to attend the Computer training programmes conducted by the University. Benefited by the Workshop conducted on Digital Libraries, the Librarian initiated the computerization of the library and now the database on resources is made available on the internet. Training on Linux operating system and different utility software's was imparted to the administrative staff as the institution aims at a fully automated administrative office. To enhance the communication skills and personality development of employees the institution has arranged a two day seminar on personality development programmes.

39. Healthy practices of the institution

- A Detailed academic calendar is provided to all the students which contains information regarding rules, scholarships, examinations, etc.
- The institution provides financial assistance to economically weak students.
- Remedial course for weak students
- A well functioning tutorial system.

40. Linkages developed with National / International Academic/Research Bodies:

Nil

41. Any other relevant information the institution wishes to add.

Golden Jubilee of the institution is during the next academic year and the preliminary preparations like formation of different committees has started. The institution offers 30 scholarships to outstanding students.

Part C: Detailed plans of the institution for the next year

In 2005-06 academic year, the college plans to focus attention on

- Implementation of new academic programmes – like commencement of add-on courses and new research centres.

- Technology up gradation: The computerization of the library has already been in progress and is expected to be completed by the next academic year
- In 2006 the college will be completing 50 years of its meritorious academic service. So the college is planning to conduct an year long golden jubilee celebrations.
- Identification and implementation of best practices for the institution.
- Improving infrastructure facility by procuring modern instruments for science departments.
- Starting comprehensive UGC/CSIR-NET coaching for PG students in science stream.
- Career guidance and placement cell to be strengthened.

Coordinator
IQAC

Principal

27-05-2009

Annexure I

Initiative towards faculty development programme

a. Teachers attended Refresher / Orientation Courses

Sl No	Name	Department	Refresher/Orientation
1.	Dr. Sabu K. Thomas	Zoology	Refresher course in Environmental Science, Academic Staff College, Bharathiyar University, Coimbatore, 26-5-2004 to 15-06-2004
2.	Dr. Sanathanan Velluva	Economics	Refresher course in Economics, Academic Staff College, University of Kerala, Trivandrum. 1-22, September 2004
3.	Dr. Muraleedharan T.K.	Mathematics	Refresher course in Mathematics, Academic Staff College, University of Calicut., 8-28, February 2005
4.	Mr. Saji Mathew	Mathematics	Refresher course in Mathematics, Academic Staff College, University of Calicut., 8-28, February 2005
5.	Fr. Benny Sebastian	Malayalam	Refresher course in Malayalam, Academic Staff College, University of Calicut, 13-01-2005 to 3-02-2005
6.	Dr. George P.S.	Botany	Refresher course in Bio informatics, Academic Staff College, Bharathiar University, Coimbatore. 15-10-04 to 4-11-04
7.	Dr. Sreekumar R.	Physics	Refresher course in physics at Dept. of Physics, Cochin University of Science and Technology, Cochin, 22-11-2004 to 14-12-2004

b. Seminars/Conferences attended

Sl No	Name	Department	Seminar/Conference/Workshop
1	Mr. Issac S.I.	Physics	Two day workshop on Nuclear Physics in Dept. of Physics, University of Calicut in association with NSC, New Delhi. 14-15 October 2004.
2	Mr. Charly Kattakayam	Physics	National Seminar on Life and Works of Albert Einstein organized by Govt. Arts College, Calicut, 6-7 Jan, 2005.
3	Mr. P.I. John	Commerce	<ol style="list-style-type: none"> 1. Investor Awareness Programme, St Joseph's College Devagiri, 6 July 2004. 2. Strategic Management with Special References to Small and Medium Enterprises in the Contest of Globalization, Hotel Malabar Palace, Calicut, 22 September 2004. 3. Business and Spirituality, Ashirvad Lawns, Calicut, 26 November 2004. 4. Effectiveness through Attitudinal Change, Hotel

			<p>Malabar Palace, Calicut, 14 January 2005.</p> <ol style="list-style-type: none"> 5. Tsunami Phenomenon, Regional Science Centre Calicut, 24 January 2005. 6. Post Accreditative Initiatives on Quality Enhancement and Sustenance, Vellalar Womens College, Erode, 4-5 February 2005. 7. Outsourcing Perspectives, Hotel Malabar Palace, Calicut, 26 February 2005.
4	Mr. C.T. Francis	Commerce	<ol style="list-style-type: none"> 1. National Seminar on Emerging Trends in Women Entrepreneurship in India, Providence Women's College, Calicut, 15-16 January 2005. 2. National Seminar on Modern Trends in Higher Education, Zamorin's Guruvayurappan College, Calicut, 25-26 February 2005. 3. Two day workshop on Computer Accounting System organized by SARFTMG College, Koyilandi, 5-6 January 2005.
5	Dr. Raju Francis	Chemistry	<ol style="list-style-type: none"> 1. Butter Memorial Research Seminar organized by Department of Chemistry, University of Florida, Gainesville, Florida, USA, 24 October 2004. 2. Workshop for College Chemistry Teachers, FCBS, Trivandrum, 03 January 2005. 3. FCBS Lecture Series, M. C. College, Calicut, 10 February 2005.
6	Fr. V.T. Joseph	Economics	<ol style="list-style-type: none"> 1. National Conclave of Leaders in Education for Principals, ICFAI University, Ootty, 10-12, May 2004. 2. National Conference on Best Practices in Higher Education, organized by NAAC, Goa, 26-27 July 2004.
7	Mr. Baby Chacko	Mathematics	Seminar on Discrete and Fuzzy Mathematics, FISAT, Angalmaly, Cochin, 22-24 February 2004
8	Dr. P. M. Mathew	Mathematics	<ol style="list-style-type: none"> 1*. Two day Regional Seminar on Mathematics, MG College, Iritty. 27-28, September 2004. 2*. Teachers Training Programme by SCERT, Govt. of Kerala, 6 August 2004. 3*. General Topic in Mathematics at Malabar Christian College, Kozhikode, 12 October 2004. 4. International Conference on Discrete Mathematics and its Applications, Amrita Viswa Vidya peedom, Coimbatore, , 9 -11 December 2004. 5. Workshop on Assessment and Accreditation- Theory and Practice, College Development council, University of Calicut and St. Joseph's College, Calicut, 15 January 2005.
9	Dr. Sabu K. Thomas	Zoology	<ol style="list-style-type: none"> 1. National Seminar on Healthy Environment, Dept of zoology, Loyola college, Madras, 03 December 2004. 2. Discussion meeting in Entomolgy

			<p>V:Dimensions of Molecular entomology, , Costed Auditorium, Chennai, 25-27 November 2004.</p> <p>3. National Seminar on Insect Growth Regulators and Natural Products in Insects Pest Management – conducted by Dept. of Zoology, (Sponsored by UGC and KSCSTE, Govt. of Kerala), 11 January 2005.</p>
10*	Dr. Sanathanan Velluva	Economics	<p>1. National seminar on Development Issues of India in the Post Reform Period, Sponsored by Directorate of Collegiate Education, Govt. College, Kodenchery, 24 - 25 January 2005.</p> <p>2. Mathematics of Economics Teaching: A Hand Book for Under Graduate Teaching, Three days State Level UGC Workshop, Department of Economics, Farook College, Calicut, 11-15 February 2005.</p>
11	Mr. Johns Villoth	Malayalam	<p>1. International Seminar on Post Independence Indian Theater, Z.G.C., Calicut, 10 November 2004.</p> <p>2. Seminar on Purogamana Sahitya Prasthanam' University of Calicut, 9-10 March 2005.</p>
12	Dr. Antony P.M.	Hindi	International Seminar on Post Independence Indian Theater, Z.G.C., Calicut, 10 November 2004.
13	Fr. Benny Sebastian	Malayalam	<p>1. National Seminar on Oorub's work, Malabar Christian College, Calicut. 6 November 2004.</p> <p>2. International Seminar on Post Independence Indian Theater, Z.G.C., Calicut, 10 November 2004.</p>
14	Mr. Joy Joseph	Chemistry	<p>1. Workshop on Sample Preparation for Chemical Analysis organised by the STIC, Cochin University, 5 February 2005.</p> <p>2. Workshop in Chemistry organised by MCC, Calicut and FCBS, 10 February 2005.</p>
15	Dr. Jose John Mallikasseri	Chemistry	Seminar on ,Spectroscopy, Malabar Christian College, Kozhikode, 13-14, July 2004.
16	Dr. Benny Joseph	Physics	<p>1. Sixteenth Kerala Science Congress, CWRDM, Calicut. 29-31 January 2004.</p> <p>2. Workshop on Geographical Information Systems and Remote Sensing, organized by Centre for Development, Trivandrum and ESRI India Ltd, Calicut, 29 February 2004.</p> <p>3*. Regional Meeting on Best Practices in Higher Education, organized jointly by National Assessment and Accreditation Council & CMS College, Kottayam, 27 November 2004.</p> <p>4. National Seminar on Life and Works of Albert Einstein, Dept of Physics, Govt. Arts and</p>

			<p>Science Calicut, 6-7 January 2005.</p> <p>5. Workshop on Assessment and Accreditation; Theory and Practice, College Development council, University of Calicut and St. Joseph's College, Calicut, 15 January 2005.</p> <p>6. National Seminar on Effective Classroom Communication Skills, Christ College, Bangalore, 12-13 March 2005.</p> <p>7*. Higher Secondary School Teachers Training Programme at GHS Nadakkavu by SCERT Trivandrum ,5-6 August 2004.</p> <p>8. NAAC Decennial Series ,Farook College , Calicut,4 September 2004.</p>
17	Mr. Tom Joseph P.	Physical Education	National seminar on Athletics held at New Delhi, May 2004.
18	Dr.Sreekumar R.	Physics	<p>1. Sixteenth Kerala Science Congress, CWRDM, Calicut. 29-31 January 2004.</p> <p>2. Workshop on Geographical Information Systems and Remote sensing, organized by Centre for Development, Trivandrum and ESRI India Ltd, Calicut, 29 February 2004.</p> <p>3. Effective Classroom Communication Skills Centre for Education beyond curriculum, Christ College, Bangalore, 12-13 March 2005.</p> <p>4. National seminar on Life and Works of Albert Einstein, Dept of Physics, Govt. Arts and Science Calicut, 6-7 January 2005.</p> <p>5*. Higher Secondary School Teachers training programme at GHS Nadakkavu by SCERT Trivandrum,5-6 August 2004.</p>
19	A T Thomas	Zoology	National Seminar on Insect Growth Regulators and Natural Products in Insects Pest Management – conducted by Dept. of Zoology, (Sponsored by UGC and KSCSTE, Govt. of Kerala), 11 January 2005
20*	Dr. Santhosh Nampy	Botany	<p>1*.Training Programme for Higher Secondary Teachers, 8 September 2004.</p> <p>2. XIV Annual conference of Indian Association for Angiosperm Taxonomy at TBGRI , Trivandrum.</p>
21	Mr. S. Nagesh	English	National Seminar on Post Colonial Literature, MEASS College, Areacode, 5 October 2004.
22	Mr. P. N. Vijayan	Physics	<p>1. Symposium on fundamentals of Quantum Mechanics, Providence Women's College, Calicut, 7 December 2004.</p> <p>2. National seminar on Life and Works of Albert Einstein, Dept of Physics, Govt. Arts and Science Calicut, 6-7 January 2005.</p> <p>3. National Seminar on Bio Physics at University of Calicut, 4 March 2005.</p>
23	Mr. K. V. Chacko	Physics	1. Symposium on Fundamentals of Quantum Mechanics, Providence Women's College, Calicut

			<p>7 December 2004.</p> <p>2. National seminar on Life and Works of Albert Einstein, Dept of Physics, Govt. Arts and Science Calicut, 6-7 January 2005.</p> <p>3. National Science Day celebration at Regional Science Centre, Calicut, 28 February 2005.</p>
24	Dr. Babu I. Maliakkal	Chemistry	FCBS Lecture Series, M. C. College, Calicut, 10 February 2005.
25	Mr. Varkey Pattani	Chemistry	Workshop on Wetland Management at CWRDM, Calicut, 11 February 2005.
26	Dr. Jose John Mallikassery	Chemistry	Workshop on M.Sc. Syllabus Revision, University of Calicut, 29 December 2004.
27	Mr. C.J.Mani	Botany	Workshop on M.Sc. Syllabus Revision, University of Calicut, 29- December 2004
28	Mr. Sibichen M. Thomas	Botany	XIV Annual conference of Indian Association for Angiosperm Taxonomy at TBGRI , Trivandrum
29	Mr. Jitendra Sarma	French	<p>1. National Seminar on ‘ Redefinition des etudes fransises et francophones:Department of Fench Studies , Banaras Hindu University, 1-3 November 2004.</p> <p>2. Regional Conference of Indian Association of Teachers of French,Gadhigram , Dindigul,10-12 , December 2004.</p> <p>3. National Seminar cum Workshop on ‘ Recherche en didactque dans le contexte indian’, CIEFL Hydarabad,19-21 January 2005.</p> <p>4. Workshop on ‘ Techniques d’animation de classe’, Alliance Fransaise de Trivandrum, 9-11 February 2005.</p>
30	Mr. J. Z . Ravi	Commerce	<p>1. Seminar on Strategic Management with Special Reference to Small and Medium Enterprises in the Context of Emerging Global Competition, Hotel Malabar Palace, Calicut, 22 September 2004.</p> <p>2. Seminar on Human Resource, Work, Culture and Productivity- Inter-relationship, Malabar Palace, Calicut, 21 December 2004.</p> <p>3. Seminar on Effectiveness through Attitudinal Change , Hotel Malabar Palace, Calicut , 14 January 2005.</p>
31	Philip K. Antony	Commerce	<p>1. Seminar on Strategic Management with Special Reference to Small and Medium Enterprises in the Context of Emerging Global Competition, Hotel Malabar Palace, Calicut, 22 September 2004.</p> <p>2. Seminar on Human Resource, Work ,Culture and Productivity- Inter-relationship, Malabar Palace, Calicut, 21 December 200.4</p> <p>3. Seminar on Effectiveness through Attitudinal Change’, Hotel Malabar Palace, Calicut , 14 January 2005.</p>

			<p>4. Seminar on Doing Business with Taiwan, Calicut Chamber house, 15 October 2004.</p> <p>5. Seminar on Career Opportunities in ‘ Finance and Management, Govt.Arts and Science Calicut.</p>
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** As a resource person*

c) Teachers awarded Ph.D.

1. Dr. S. Nagesh (English)
2. Dr. Salil Varma R (English)
3. Dr. George Mathew (Zoology)
4. Dr. Sindhu A. (Zoology)
5. Dr. Sibichan M. Thomas (Botany)
6. Dr. C.J.Mani (Botany)
7. Fr. Dr. K. M. Joseph (Botany)
8. Dr. Bobby Jose (Zoology)

d) Teachers under FIP Programme

1. Mr. Baby Chacko (Mathematics)
2. Mr. Saji Mathew (Mathematics)
3. Mr. Jojo Joseph (Botany)
4. Mr. Abis V. Cherussery (Botany)
5. Mr. Jose Marydas (Botany)
6. Mr. Joy Joseph (Chemistry)
7. Mr. Shibi M. Thomas (Economics)

Annexure II

Details of Self Funded Seminars

1. One day seminar on computer hardware training for UG and PG students by Mr. Shyam Sasankan, conducted by Dept. Zoology, 19-11-2004. (Sponsored by Accel IT Academy, Calicut)
2. One day orientation programme for PG students on UGC/CSIR examination by Mr. Abdul Riyaz, Mr. Thejas P., Mr. Joby M. C. and Mr. Anu Anto, conducted by Dept. Zoology, 27-11-2004.
3. Animal Day Programmes - college level quiz competition on environment and wild life and exhibition of museum specimens conducted by Dept. of Zoology, 30-11-2004.
4. Zoology day celebration programmes conducted by Dept. Zoology, 04-11-2004.
5. One day seminar on diabetes awareness and detection for staff and students: by Dr. Jayasankar, P.V.S. Hospital, conducted by Dept. of Zoology, 10-12-2004 (organised in association with Rotary Club of Calicut Port City and P. V. S. Hospital, Calicut) - Estimation of blood glucose level of the participants also was conducted as part of the programme
6. Zoology Association inauguration and talk on *Human Genome* an over view, by Dr. K. V. Laser. 04-02-2005.
7. Open defense of Ph.D theses submitted by Mr. Dinesan Cheruvath and Abraham C.J, conducted by Dept. of Zoology, 01.05.2005
8. Invited talk on *de Broglie's Contribution to Quantum Mechanics*, by Prof. S.O.Pillai, Dept. of Physics, Anna University, Chennai, conducted by Dept. of Physics, 5-11-2004.
9. One day seminar on computer hardware, for UG and PG students, conducted by Dept. of Physics, 11-02-2005. (Sponsored by Accel IT Academy, Calicut)
10. Seminar on Centenary of Relativity and Inauguration of Physics Association, by Prof. B. R. S. Babu, Head, Dept. of Physics, University of Calicut, conducted by Dept. of Physics, 15-01-2005.
11. Inauguration of Botany association and invited talk on *Adaptations and their role in evolution* by Dr. John E. Thoppil, Reader, Dept. of Botany, University of Calicut, conducted by Dept. of Botany, 24-01-2005.
12. Coaching on *Numerical ability and mathematical aptitude for competitive examinations* by Mr. T. Sivadas, Former Deputy Director of Employment and Guidance Bureau, University of Calicut, conducted by Dept. of Commerce, 9-6-2004.

13. Coaching on *Numerical ability and mathematical aptitude for competitive examinations* by Mr. T. Sivadas, Former Deputy Director of Employment and Guidance Bureau, University of Calicut, conducted by Dept. of Commerce, 7-7-2004.
15. Career Guidance in *Management Education* by TIME institute, Calicut, conducted by Dept. of Commerce, 30-06-2004.
16. Seminar on *Capital Market* by Cochin Stock Exchange & Bombay Stock Exchange, conducted by Dept. of Commerce, 6-7-2004.
17. One day seminar on *Entrepreneurship Development and Motivation* by Balagangadharan, Trainer, Dist Industries Center., conducted by Entrepreneurship Development Club (EDC), 30-11-2004.
18. *Ocean Day* celebrations, A Sivakumar, Education Officer, WWF, conducted by Dept. of Zoology, 8-6-2004.
19. Seminar on *Rain Water Harvesting* by Dr. E. J. James, Director, CWRDM, 17-7-2004
20. One day Seminar on *Theoretical Physics*, Dr. Vishu Mayya, Reader, Physics Dept, University of Calicut, by Dept. of Physics, 18-8-2004.
21. Meeting of French Students Club, by Dept. of French, 19-08-2004
22. *Palathulli* – Rain Water harvesting and exhibition, organised by *Malayala Manorama Daily* and NSS Unit, 18-6-2004.
23. Legal Awareness Camp for Girls Students, A. M. Babu, Forest Tribunal and 2nd Additional District & Sessions Judge , 8-8-2004.
24. Debate on Campus Democracy, Chief Guest, Cherian Philip, 21-10-2004.
25. Mathematics Association Inauguration and one-day seminar by Rev. Fr. Dr. Mathew Chalil, 11 -01- 2005.
26. Seminar for I Degree students on *Need and Importance of Counseling* by Dr. Basheerkutty, 19 -09- 2004.
27. Seminar for I PG students on *Need and Importance of Counseling* by Dr. Basheerkutty, 20 -11- 2004.
28. One day seminar on *Entrepreneurship Development and Motivation*, by Mr. P T Narayanan, Manager for EDC, District Industries Centre, Calicut, organized by EDC, 30-11-2004.
29. Invited lecture on *Surfactants in drug delivery systems* by Dr. Sara Liz David, Dept. of Chemistry, NIT, Calicut, conducted by Dept. of Chemistry, 3-02-2005.

Annexure-III
List of Publications

- i. Manoj Balakrishnan and Sabu K Thomas 2004: Conserving the breeding habitat of the near threatened Oriental White Ibis, *Threskiornis melanocephalus*. *Current science*. 87 (9): 1190-1194. Impact Factor 0.688
- ii. Sabu K. Thomas, K.V. Vinod and M.C. Jobi 2005, *A brief note on the rubber litter beetle (Luprops sp.) and the need for development of semiochemicals based control measures*. *Pestology*. XXIX (11): 50-51.
- iii. Bobby Jose, *Green Mussel Perma Viridis, A new root for the pen crab Pinnotneres Placunae along the Malabar coast of Kerala*, *Current Science*, Vol-89, Number -710, October-05
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